



GENERAL PROGRAMME

2025



**BETA MEANS  
AUDACITY. COMMITMENT. HARMONY. TALENT.**



**In Beta, there is only one way to do things: doing them well.**

This is Beta's world, this is the principle that guides our daily work around the world, driven by four values:



**AUDACITY** to invest and constantly relaunch an enterprise created by an Italian craftsman in 1923, which has asserted itself worldwide and continues to grow after four generations.



**COMMITMENT** in taking care of the quality of our products, because every retailer knows he can count on an efficient service, and every user knows they can rely on the precision, reliability and resistance of Beta products.



**HARMONY** of the lines, for a design of excellence, because when something is well done, it expresses a perfect balance between function and design.




**TALENT** it is our most precious resource, the one that distinguishes all our people and every professional who chooses Beta to leave nothing up to chance, in the engaging and passionate fulfilment of their ideas and dreams.



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RSC55

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Beta RSC50 2.0

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Beta C45PRO 2.0

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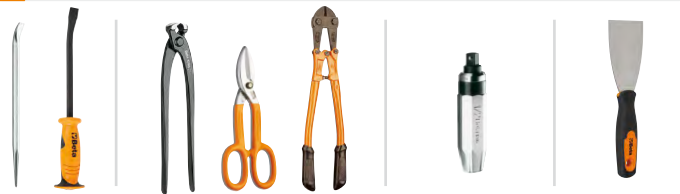
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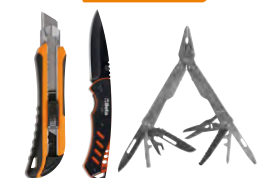
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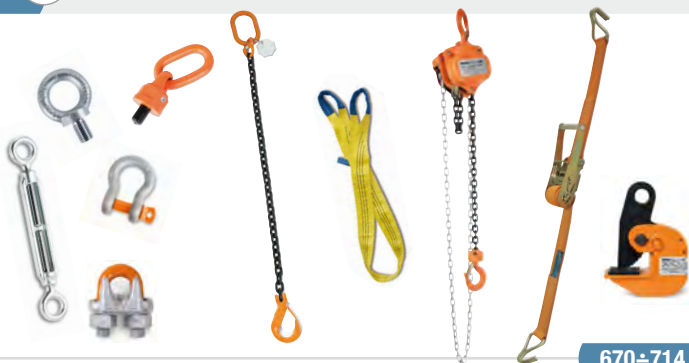
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## BETA COLLECTION



715÷726

**item number** 42MP  
 combination wrenches, open and offset ring ends, bright chrome-plated

**tool profile** 


**size**

mm	L mm	code number
6x6	100	5 000421606
7x7	110	5 000421607
8x8	120	5 000421608
9x9	130	5 000421609
10x10	140	5 000421610
11x11	150	5 000421611
12x12	158	5 000421612
13x13	170	5 000421613
14x14	178	5 000421614
15x15	190	5 000421615
16x16	199	5 000421616
17x17	209	5 000421617
18x18	219	5 000421618
19x19	230	5 000421619
20x20	240	3 000421620
21x21	250	3 000421621
22x22	260	3 000421622
24x24	280	3 000421624
27x27	307	3 000421627
30x30	337	3 000421630
32x32	360	3 000421632

**n.° of tools per box**


**code number**


**n.° of tools per set**


**type of packaging** 

**set content** 42MP/B9  
6-7-8-10-11-13-14-17-19 mm  
2002/BV9

**new item 2025**

**in blister pack** 

**motorcycle tools** 

**bicycle tools** 

Most used symbols	Example
<b>Sets</b>	
B = in plastic wallet	42/B9N
BV = empty wallet	2002/BV9
C = in case	900/C11
D = in hanging pack	1293/D6
S = in box	42/S17
SP = with display	42/SP25
SPV = empty display	42/SPV7
SC = with compact support	96/SC9
SCV = compact support, empty	96/SCV
<b>Assortments</b>	
AS = with tools in inches	5915VU/AS
E = Electronics/Electrotechnics	5980ET/A
I = Plumbing	5980ID
MT = Earth-moving	5902MT
U = Universal	5915VU/3
SBK = Motorcycle Repairs	5940SBK
VG = Automotive	5904VG/5T
VI = Industry	5902VI
<b>Sockets</b>	
A = hexagon profile	910A
B = bi-hex profile	910B
ES = grooved profile	920ES
FTX = for TORX® screws	910FTX

Most used symbols	Example
PT = for 5-star head screws	910PT
X = reversible ratchet in cases	920A/C12X
<b>Screwdrivers and bits</b>	
LP = for slotted head screws	920LP
PE = for hexagon screws	920PE
PH = for cross head PHILLIPS® screws	920PH
PZ = for cross head POZIDRIV® - SUPADRIV® screws	1299PZ
RTX = for TAMPER RESISTANT TORX® screws	1298RTX
SP = for SPANNER screws	861SP
TRW = for TRI-WING® screws	861TRW
TQS = for TORQ-SET® screws	861TQS
TX = for TORX® head screws	920TX
XZN = for XZN® screws	920XZN
<b>Miscellaneous</b>	
AS = sizes in inches	42AS
BA = spark-proof tools	42BA
BM = bi-material handle	1150BM
C = empty metal container	C25
HS = tethered tools	42HS
INOX = tools made of stainless steel	42 INOX
L = long series	952L
MQ = 1000V insulated tools	1150MQ
MP = bright finish	42MP
R = spare part	338R

The pictures are given by way of example.  
 Beta Utensili reserve the right to update and enhance their product range without notice.



**Beta** RECOMMENDS using the tools correctly  
 and complying with personal protection standards.





# PIN PUNCHES

Beta's striking tools have been designed to provide optimal performance and ensure the operator's safety.

A special type of steel, which contains chrome, molybdenum and vanadium (65CrMoV2-2) is used for production, resulting in remarkably hard and tough tools. The products are made – if so allowed by their geometry – with drawn bars; otherwise, they are hot-forged in a controlled atmosphere, to avoid slag formation.

**1** The hexagon profiles prevent the tool from rolling on the supporting surface.

**2** the pin punches are fitted with extremely long though perfectly straight shanks, to allow access to small spaces.

**3** To make sure that the pin punches are correctly sized, every single piece is faced, so that a uniform cylindrical part and a perfectly flat end can be obtained, for increased efficacy.

**4** All the faces are subjected to induction tempering, to prevent splintering; the deformation of the striking point is a natural consequence, so that the operator's safety can be ensured.



The centre and pin punches are sharpened after being chrome-plated, to provide improved engraving and cutting performance, and remove the galvanic deposit from the tips. Overdeposits need to be removed, to prevent "rounding" of the corners and brittleness as a result of the amount of hydrogen produced during electroplating. The worked areas are protected with a rust-proof layer.



## 30 drift punches



Ø mm	L mm		
2	125	10	000300020
3	125	10	000300030
4	150	10	000300040
5	150	10	000300050
6	150	10	000300060

## 31 pin punches



Ø mm	L mm	L1 mm		
2	110	22	10	000310002
3	128	35	10	000310003
4	146	45	10	000310004
5	164	55	10	000310005
6	182	65	5	000310006
8	200	80	5	000310008
10	220	95	5	000310010
12	250	115	3	000310012



31/B6N	1	000310024
2-3-4-5-6-8 mm		
2002/BV6	1	020020000
31/SP6	1	000310030
2-3-4-5-6-8 mm		
31/SPV	1	000310031

## 31BM pin punches with handles



Ø mm	L mm	L1 mm		
2	168	42	2	000310402
3	180	52	2	000310403
4	191	62	2	000310404
5	200	72	2	000310405
6	221	82	2	000310406
8	235	94	2	000310408



31BM/D6	1	000310420
2-3-4-5-6-8 mm		

## 31L pin punches, long series



Ø mm	L mm	L1 mm		
4	175	80	5	000310104
5	175	80	5	000310105
6	175	80	5	000310106

## 31SE punches for spring pins



Ø mm	D mm	L mm	L1 mm		
4	2,4	175	80	5	000310204
5	3,0	175	80	5	000310205
6	3,6	175	80	5	000310206



31/B6N-LSE	1	000310324
31L: 4-5-6 mm		
31SE: 4-5-6 mm		
2002/BV6	1	020020000

## 32 centre punches



Ø mm	L mm	L1 mm		
3	100	44	10	000320100
4	125	52	10	000320125
5	150	62	10	000320150

## 32AU automatic centre punches



Ø mm	L mm	L1 mm		
3	150	23	2	000320160

### 32AUR

spare tip for automatic centre punch



∅ mm	
3	5 000320170

### 33LT

letter punches

- For engraving steel with resistance R up to 80 kg/mm<sup>2</sup>
- Kit of 27 punches: letters A to Z + &



H mm	L mm	A mm	
3	60	6,35	1 000330023
4	63	7,93	1 000330024
5	61	7,93	1 000330025
6	68	9,52	1 000330026
8	70	12,7	1 000330028

### 33NR

number punches

- For engraving steel with resistance R up to 80 kg/mm<sup>2</sup>
- Kit of 9 punches: numbers 0 to 9



H mm	L mm	A mm	
3	61	6,35	1 000330003
4	62	7,93	1 000330004
5	62	7,93	1 000330005
6	68	9,52	1 000330006
8	71	12,7	1 000330008

### 34

flat chisels



L mm	A mm	L1 mm	
125	14,5	45	5 000340001
150	17,0	58	5 000340002
175	21,5	68	5 000340003

### 35

flat chisels, ribbed type



L mm	A mm	
100	14,5	5 000350001
125	17,0	5 000350002
150	20,5	5 000350003
200	23,0	5 000350004
250	28,5	2 000350005
300	34,0	2 000350006

### 35PM

flat chisels, ribbed type  
with hand guards



L mm	A mm	
200	23,0	2 000350014
250	28,5	2 000350015
300	34,0	2 000350016

### 35PMR

spare hand guards



L mm	
200	1 000350024
250	1 000350025
300	1 000350026

### 36

cape chisels



L mm	A mm	L1 mm	
125	4	44	5 000360001
150	6	53	5 000360002

### 37

cape chisels, ribbed type



L mm	A mm	L1 mm	
150	6	45	5 000370001
200	8	55	3 000370002

### 37PM

cape chisel, ribbed type  
with hand guard



L mm	A mm	
200	8	2 000370012

### 37PMR

spare hand guard



L mm	
200	1 000370022



38/B6N



38/SP6

<b>38/B6N</b>	1 000380016
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
<b>2002/BV6</b>	1 020020000
<b>38/SP6</b>	1 000380009
30: 2-3 mm	
32: 4 mm	
34: 125-150 mm	
36: 150 mm	
<b>38/SPV</b>	1 000380019



# BETA'S ICONIC WRENCH

Our epoch-making wrench 42 has a new shape.

A stylish, slim shape enhanced by a slender profile, lighter to the touch.

The strength, resilience and ergonomic design of the Beta wrench reach even higher values, to provide users with the best possible tool. The manufacturing process is carried out in our factories in Sovico and Sulmona, on the basis of state-of-the-art automation technology and the best trained workers.

## RAPID

A 15 degree angle compared to the axis, to reduce the take-up angle

## RESILIENT

Remarkable strength: in case of improper use, the wrench buckles, without breaking suddenly and dangerously

## HOMOGENEOUS

Pressing is based on a round-section semi-finished product which results in homogeneously distributed fibres, thereby preventing dangerous internal stress formation

## ACCESSIBLE

Reduced thickness for improved accessibility

## PROTECTED

Nickel-chrome plating provides lasting resistance to external agents and meets the stringent requirements of adhesion tests under ISO 2819

## OPTIMIZED

The wrench, which is longer than most competitors', allows high torques to be obtained through reduced effort



## ERGONOMIC

The offset ring has a 15 degree angle to protect the hand. The shape is obtained from a die; it is not bent later



## CAUTION!

The shape of wrench 42 is perfectly compatible with all the containers and modules of established wrench 42



42

combination wrenches

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm		
5,5x5,5	95	3,4	5	000421005
6x6	95	3,4	5	000421006
7x7	105	3,6	5	000421007
8x8	116	3,9	5	000421008
9x9	127	4,2	5	000421009
10x10	137	4,5	5	000421010
11x11	148	4,8	5	000421011
12x12	158	5,1	5	000421012
13x13	169	5,6	5	000421013
14x14	180	5,7	5	000421014
15x15	190	6,0	5	000421015
16x16	201	6,3	5	000421016
17x17	212	6,8	5	000421017
18x18	222	7,0	5	000421018
19x19	233	7,5	5	000421019
20x20	243	7,7	3	000421020
21x21	254	7,9	3	000421021
22x22	264	8,3	3	000421022
23x23	275	8,5	3	000421023
24x24	285	8,7	3	000421024
25x25	296	8,7	2	000421025
26x26	307	8,9	2	000421026
27x27	317	9,1	2	000421027
28x28	328	9,3	2	000421028
29x29	338	9,5	2	000421029
30x30	349	9,7	2	000421030
32x32	370	10,1	2	000421032
34x34	391	10,5	1	000421034
35x35	412	10,7	1	000421035
36x36	412	10,7	1	000421036
38x38	433	11,3	1	000421038
41x41	465	12,0	1	000421041



42/B9N	1	000421074
6-7-8-10-11-13-14-17-19 mm		
2002/BV9	1	020020030





<b>42/S14</b> 6-7-8-10-11-12-13-14 -15-16-17-19-22-24 mm	1 000421067
<b>42/S17</b> 6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm	1 000421065
<b>42/S15</b> 6-7-8-10-11-12-13-14 17-19-22-24-27-30-32 mm	1 000421066
<b>42/S17X</b> 6-7-8-10-11-12-13-14- 15-16-17-19-21-22- 24-27-30 mm	1 000421068
<b>42/S26</b> 6-7-8-9-10-11-12-13-14 15-16-17-18-19-20-21 22-23-24-25-26-27-28 29-30-32 mm	1 000421070

### 42/SC9I-E

set of 9 combination wrenches with compact support

Torque values more than doubled compared to the requirements to be satisfied under ISO 1711



<b>42/SC9I</b> 8-10-11-12-13-14-15-17-19 mm	1 000421087
<b>142/SCV9I</b>	1 001420103
<b>42/SC9E</b> 8-10-11-12-13-16-17-18-19 mm	1 000421088
<b>142/SCV9E</b>	1 001420104



<b>42/SP25</b> 6-7-8-9-10-11-12-13-14- 15-16-17-18-19-20-21- 22-23-24-25-26-27-28- 30-32 mm	1 000421085
<b>42/SPV2</b>	1 000420090



<b>42/SP15</b> 6-7-8-9-10-11-12-13-14-15- 16-17-19-22-24 mm	1 000421078
<b>42/SPV7</b> 42: 8-10-11-13-14-17-19 mm 55: 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1 000420097
<b>42/SPV11</b> 42MP: 8-9-10-11-12-13 14-15-16-17-19 mm 142-142SN: 8-9-10-11-12-13 14-15-16-17-19 mm	1 000420100
<b>42/SPV15</b> 42: 6-7-8-9-10-11-12-13-14 15-16-17-19-22-24 mm	1 000420102



### 42AS

combination wrenches,  
open and offset ring ends



"	L mm	
1/4x1/4	95	2 000421106
9/32x9/32	106	2 000421107
5/16x5/16	116	2 000421108
3/8x3/8	137	2 000421110
7/16x7/16	148	2 000421111
1/2x1/2	169	2 000421113
9/16x9/16	180	2 000421114
19/32x19/32	191	2 000421115
5/8x5/8	201	2 000421116
11/16x11/16	212	2 000421117
3/4x3/4	233	2 000421119
13/16x13/16	254	2 000421121
7/8x7/8	264	2 000421122
15/16x15/16	285	2 000421124
1x1	296	2 000421125
1.1/16x1.1/16	317	2 000421127
1.1/8x1.1/8	338	2 000421129
1.1/4x1.1/4	370	2 000421132
1.5/16x1.5/16	391	1 000421133
1.3/8x1.3/8	412	1 000421135
1.7/16x1.7/16	412	1 000421136
1.1/2x1.1/2	433	1 000421138



<b>42AS/B9N</b> 1/4-5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4 2002/BV9	1 000421159 1 020020030
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<b>42AS/13</b> 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1	1 000421163
<b>42AS/16</b> 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1- 1.1/16-1.1/8-1.1/4	1 000421166
<b>42AS/17</b> 1/4-9/32-5/16-3/8-7/16-1/2- 9/16-19/32-5/8-11/16-3/4- 13/16-7/8-15/16-1-1.1/16-1.1/8	1 000421168

## 42MP

combination wrenches, open and offset ring ends, bright chrome-plated



DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	100	5	000421606
7x7	110	5	000421607
8x8	120	5	000421608
9x9	130	5	000421609
10x10	140	5	000421610
11x11	150	5	000421611
12x12	158	5	000421612
13x13	170	5	000421613
14x14	178	5	000421614
15x15	190	5	000421615
16x16	199	5	000421616
17x17	209	5	000421617
18x18	219	5	000421618
19x19	230	5	000421619
20x20	240	3	000421620
21x21	250	3	000421621
22x22	260	3	000421622
24x24	280	3	000421624
27x27	307	3	000421627
30x30	337	3	000421630
32x32	360	3	000421632



**42MP/B9** 1 000421661  
6-7-8-10-11-13-14-17-19 mm

**2002/BV9** 1 020020030



**42MP/S17** 1 000421652  
6-7-8-9-10-11-12-13-14-15  
16-17-18-19-20-21-22 mm

**42MP/S21** 1 000421653  
6-7-8-9-10-11-12-13-14  
15-16-17-18-19-20-21-22  
24-27-30-32 mm



## 42LMP

combination wrenches, open and offset ring ends, long series, bright chrome-plated



mm	L mm		
8x8	148	2	000420508
9x9	167	2	000420509
10x10	172	2	000420510
11x11	186	2	000420511
12x12	197	2	000420512
13x13	207	2	000420513
14x14	223	2	000420514
15x15	233	2	000420515
16x16	243	2	000420516
17x17	261	2	000420517
18x18	270	2	000420518
19x19	280	2	000420519
21x21	301	2	000420521
22x22	318	2	000420522
24x24	338	2	000420524
27x27	376	2	000420527
30x30	409	2	000420530
32x32	435	2	000420532



**42LMP/S14** 1 000420551  
8-9-10-11-12-13-14  
15-16-17-18-19-21-22 mm

**42LMP/S18** 1 000420552  
8-9-10-11-12-13-14  
15-16-17-18-19-21-22  
24-27-30-32 mm

## 42SLIM

combination wrenches with thin open ends



DIN 3113 UNI-ISO 7738

mm	L mm	S1 mm		
8x8	116	3,4	5	000420408
10x10	137	3,8	5	000420410
11x11	148	3,8	5	000420411
12x12	158	4,2	5	000420412
13x13	169	4,4	5	000420413
14x14	180	4,6	5	000420414
15x15	190	4,7	5	000420415
16x16	201	4,7	5	000420416
17x17	212	5,1	5	000420417
18x18	222	5,1	5	000420418
19x19	233	5,6	5	000420419



**42SLIM/B8NI** 1 000420478  
10-11-12-13-14-15-17-19 mm

**42SLIM/B8NE** 1 000420479  
10-11-12-13-16-17-18-19 mm

**2002/BV8** 1 020020020



**42SLIM/S11** 1 000420471  
8-10-11-12-13-14-15-  
16-17-18-19 mm

## 45

combination wrenches, open and offset ring ends, heavy series



DIN 3113 UNI-ISO 7738

mm	L mm		
46x46	500	1	000450046
50x50	540	1	000450050
55x55	560	1	000450055
60x60	600	1	000450060
65x65	675	1	000450065
70x70	675	1	000450070
75x75	720	1	000450075
80x80	720	1	000450080

## 52

single open end wrenches



UNI 6733 DIN 3114

mm	L mm		
10	119	5	000520010
11	119	5	000520011
12	119	5	000520012
13	145	5	000520013
14	145	5	000520014
15	145	5	000520015
16	159	5	000520016
17	159	5	000520017
18	159	5	000520018
19	175	5	000520019
20	175	5	000520020
21	175	5	000520021
22	196	2	000520022
23	196	2	000520023
24	196	2	000520024
25	215	2	000520025
26	215	2	000520026
27	215	2	000520027
28	240	2	000520028
30	240	2	000520030
32	270	2	000520032
34	270	1	000520034
35	295	1	000520035
36	295	1	000520036
38	295	1	000520038
40	335	1	000520040
41	335	1	000520041
42	335	1	000520042
45	370	1	000520045
46	370	1	000520046
48	370	1	000520048
50	415	1	000520050
52	415	1	000520052
55	415	1	000520055
60	490	1	000520060
65	490	1	000520065
70	490	1	000520070

single open end wrenches DIN 894



mm	L mm		
36	317	1	000530036
38	320	1	000530038
41	342	1	000530041
46	396	1	000530046
50	412	1	000530050
55	457	1	000530055
60	492	1	000530060
65	528	1	000530065
70	572	1	000530070
75	608	1	000530075
80	645	1	000530080
85	690	1	000530085
90	690	1	000530090
95	847	1	000530095
100	847	1	000530100
105	1000	1	000530105
110	1000	1	000530110
115	1000	1	000530115
120	1000	1	000530120
125	1000	1	000530125
130	1000	1	000530130
135	1000	1	000530135

double open end wrenches



UNI-ISO 10102 DIN 3110

mm	L mm		
4x5	101	5	000550003
5x5,5	101	5	000550006
5,5x7	120	5	000550009
• 6x7	120	5	000550012
7x8	140	5	000550018
• 8x9	140	5	000550021
8x10	140	5	000550024
• 10x11	155	5	000550030
10x12	155	5	000550033
10x13	170	5	000550035
• 12x13	170	5	000550042
12x14	170	5	000550045
13x14	185	5	000550047
13x17	189	5	000550051
• 14x15	185	5	000550054
14x17	189	5	000550057
• 16x17	202	5	000550060
17x19	220	2	000550063
• 18x19	220	2	000550066
19x22	236	2	000550069
• 20x22	236	2	000550075
• 21x23	245	2	000550078
22x24	245	2	000550081
• 24x26	262	2	000550087
24x27	262	2	000550090
• 25x28	272	2	000550096
• 27x29	284	2	000550099
27x30	284	2	000550102
27x32	297	2	000550105
• 30x32	297	2	000550108
32x36	325	1	000550114
34x36	325	1	000550117
35x38	375	1	000550120
36x41	375	1	000550123
41x46	425	1	000550129
46x50	475	1	000550132
50x55	500	1	000550135
55x60	500	1	000550138



<b>55/B8N</b>	1	000550160
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
<b>2002/BV8</b>	1	020020020
<b>55/B12N</b>	1	000550164
6x7-8x9-10x11-12x13- 14x15-16x17-18x19- 20x22-21x23-24x26- 25x28-30x32 mm		
<b>2002/BV12</b>	1	020020040



<b>55/S8</b>	1	000550174
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm		
<b>55/S12</b>	1	000550178
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm		
<b>55/S12X</b>	1	000550179
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x27 25x28-30x32 mm		
<b>55/S13</b>	1	000550182
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm		



55/SP7



55/SP13

<b>55/SP7</b>	1	000550167
6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm		
<b>42/SPV7</b>	1	000420097
42: 8-10-11-13-14-17-19 mm		
<b>55: 6x7-8x9-10x11-12x13</b> 14x15-16x17-18x19 mm		
<b>55/SP13</b>	1	000550186
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm		
<b>55/SPV</b>	1	000550190



double open end wrenches



mm	L mm		
1/4x9/32	120	2	000550203
1/4x5/16	120	2	000550206
5/16x11/32	140	2	000550209
5/16x3/8	140	2	000550212
3/8x7/16	155	2	000550215
7/16x1/2	170	2	000550218
1/2x9/16	170	2	000550221
9/16x5/8	185	2	000550224
19/32x11/16	189	2	000550227
5/8x11/16	202	2	000550230
5/8x3/4	202	2	000550233
11/16x13/16	220	2	000550242
3/4x7/8	236	2	000550245
25/32x13/16	236	2	000550244
7/8x15/16	245	2	000550251
15/16x1	262	1	000550257
1x1.1/8	272	1	000550259
1.1/16x1.1/4	284	1	000550267
1.1/8x1.5/16	297	1	000550266
1.5/16x1.1/2	325	1	000550269
1.3/8x1.1/2	375	1	000550272
1.7/16x1.5/8	375	1	000550275



<b>55AS/5</b>	1	000550290
5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8		
<b>55AS/8</b>	1	000550296
1/4x9/32-5/16x11/32-3/8x7/16- 1/2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-3/4x7/8		
<b>55AS/12</b>	1	000550298
1/4x9/32-5/16x11/32-3/8x7/16-1 /2x9/16-9/16x5/8-5/8x11/16- 11/16x13/16-25/32x13/16-3/4x7/8- 15/16x1-1x1.1/8-1.1/16x1.1/4		

open end slogging wrenches



DIN 133

mm	L mm		
24	177	1	000580024
27	180	1	000580027
30	190	1	000580030
32	190	1	000580032
34	200	1	000580034
36	215	1	000580036
41	235	1	000580041
46	255	1	000580046
50	275	1	000580050
55	300	1	000580055
60	320	1	000580060
65	342	1	000580065
70	375	1	000580070
75	375	1	000580075
80	408	1	000580080

mm	L mm		
85	408	1	000580085
90	445	1	000580090
95	445	1	000580095
100	485	1	000580100
*105	485	1	000580105
*110	510	1	000580110
*115	510	1	000580115
*120	545	1	000580120
*125	545	1	000580125
*130	575	1	000580130
*135	575	1	000580135
*140	575	1	000580140
*145	640	1	000580145
*150	640	1	000580150
*155	640	1	000580155
*160	640	1	000580160
*165	715	1	000580165
*170	715	1	000580170
*175	715	1	000580175
*180	715	1	000580180
*185	715	1	000580185
*190	800	1	000580190
*195	800	1	000580195
*200	800	1	000580200
*210	800	1	000580210
*220	800	1	000580220
*230	800	1	000580230

### 73 small double open end wrenches



UNI 6737

mm	L mm		
4x4	78	5	000730040
4,5x4,5	78	5	000730045
5x5	78	5	000730050
5,5x5,5	86	5	000730055
6x6	86	5	000730060
7x7	86	5	000730070
8x8	97	5	000730080
9x9	97	5	000730090
10x10	108	5	000730100
11x11	108	5	000730110
12x12	124	5	000730120
13x13	124	5	000730130
14x14	124	5	000730140



**73/B13N**  
4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm  
**2002/BV13**



**73/S13**  
4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm

### 78 ring logging wrenches



DIN 7444

mm	L mm		
24	162	1	000780024
27	180	1	000780027
30	190	1	000780030
32	190	1	000780032
34	200	1	000780034
36	205	1	000780036
41	225	1	000780041
46	235	1	000780046
50	250	1	000780050
55	265	1	000780055
60	275	1	000780060
65	295	1	000780065
70	325	1	000780070
75	325	1	000780075
80	350	1	000780080
85	350	1	000780085
90	390	1	000780090
95	390	1	000780095
100	420	1	000780100
105	420	1	000780105
110	450	1	000780110
115	450	1	000780115
*120	490	1	000780120
*125	480	1	000780125
*130	520	1	000780130
*135	520	1	000780135
*140	520	1	000780140
*145	580	1	000780145
*150	580	1	000780150
*155	580	1	000780155
*160	650	1	000780160
*165	650	1	000780165
*170	650	1	000780170
*175	650	1	000780175
*180	650	1	000780180
*185	695	1	000780185
*190	695	1	000780190
*195	695	1	000780195
*200	695	1	000780200
*210	740	1	000780210
*215	740	1	000780215
*220	740	1	000780220
*230	740	1	000780230

### 78AS ring logging wrenches



### 80 double swivel end socket wrenches



mm	L mm		
6x7	170	3	000800006
8x9	176	3	000800008
8x10	179	3	000800009
10x11	182	3	000800010
12x13	228	3	000800012
14x15	232	3	000800014
13x17	231	3	000800015
16x17	234	2	000800016
18x19	285	2	000800018
19x22	287	2	000800019
20x22	289	2	000800020
21x23	289	2	000800021
24x27	405	2	000800024
30x32	413	2	000800030



**80/S8**  
6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm  
**80/S11**  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19-20x22  
21x23-24x27-30x32 mm

### 83 half-moon ring wrenches



ISO 3318

mm	L mm		
8x10	126	3	000830008
10x12	137	3	000830010
11x13	138	3	000830011
14x17	183	3	000830014
15x17	184	2	000830015
16x18	196	2	000830016
19x22	231	2	000830019



**83/S3**  
11x13-14x17-19x22 mm  
**83/S5**  
10x12-11x13-15x17-  
16x18-19x22 mm

## 83AS

half-moon ring wrenches



mm	L mm		
7/16x1/2	138	2	000830111
9/16x5/8	183	2	000830114
3/4x7/8	230	2	000830119



<b>83AS/3</b>	1	000830181
7/16x1/2-9/16x5/8		
3/4x7/8		

## 88

double ended flat ring wrenches, extra-long series



mm	L mm		
8x10	235	2	000880008
12x14	330	2	000880012
13x15	330	2	000880013
16x18	405	2	000880016
17x19	405	2	000880017
21x23	435	2	000880021
22x24	435	2	000880022



<b>88/S7</b>	1	000880107
8x10-12x14-13x15-16x18-		
17x19-21x23-22x24 mm		

## 90

double ended deep offset ring wrenches



DIN 838 ISO 10104

mm	L mm		
6x7	165	5	000900006
8x9	180	5	000900012
8x10	180	5	000900015
10x11	195	5	000900018
10x12	195	5	000900021
11x13	215	5	000900024
12x13	215	5	000900027
12x14	215	5	000900030
14x15	230	5	000900033
14x17	250	5	000900036
16x17	250	5	000900039
17x19	265	5	000900042
18x19	265	5	000900045
19x22	285	3	000900048
20x22	285	3	000900051
21x23	305	2	000900057
22x24	305	2	000900060
24x26	325	2	000900063
24x27	325	2	000900067
25x28	340	2	000900070
27x29	355	2	000900073
27x30	355	2	000900076
27x32	375	2	000900078
30x32	375	2	000900080
32x36	395	1	000900088
34x36	415	1	000900089
35x38	415	1	000900091
36x41	435	1	000900094
41x46	460	1	000900097
46x50	500	1	000900100



<b>90/B8N</b>	1	000900156
6x7-8x9-10x11-12x13-		
14x15-16x17-18x19-		
20x22 mm		
<b>2002/BV8</b>	1	020020020



<b>90/S8</b>	1	000900162
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22 mm		
<b>90/S12</b>	1	000900166
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22-21x23-24x26		
25x28-30x32 mm		
<b>90/S12X</b>	1	000900167
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22-21x23-24x27		
25x28-30x32 mm		
<b>90/S13</b>	1	000900170
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22-21x23-24x26		
25x28-27x29-30x32 mm		



<b>90/SP13</b>	1	000900174
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22-21x23-24x26		
25x28-27x29-30x32 mm		
<b>55/SPV</b>	1	000550190

## 90AS

double ended deep offset ring wrenches



mm	L mm		
1/4x5/16	165	2	000900203
5/16x11/32	180	2	000900206
5/16x3/8	180	2	000900209
3/8x7/16	195	2	000900212
7/16x1/2	215	2	000900215
1/2x9/16	230	2	000900218
9/16x5/8	230	2	000900221
19/32x11/16	250	2	000900222
5/8x11/16	250	2	000900224
5/8x3/4	265	2	000900227
11/16x3/4	265	1	000900230
11/16x13/16	265	1	000900233
3/4x25/32	265	1	000900235
3/4x7/8	285	1	000900237
13/16x7/8	285	1	000900240
7/8x15/16	305	1	000900243
15/16x1	325	1	000900252
1.1/16x1.1/4	375	1	000900258
1.1/8x1.5/16	375	1	000900261



<b>90AS/8</b>	1	000900298
1/4x5/16-5/16x11/32		
3/8x7/16-1/2x9/16		
5/8x11/16-11/16x3/4		
13/16x7/8-15/16x1		
<b>90AS/10</b>	1	000900300
1/4x5/16-5/16x11/32		
3/8x7/16-1/2x9/16		
5/8x11/16-11/16x3/4		
13/16x7/8-15/16x1		
1.1/16x1.1/4-1.1/8x1.5/16		





## 91

heavy duty offset ring wrenches



mm	Ø mm		
24	38	1	000910024
27	41	1	000910027
30	48	1	000910030
32	49	1	000910032
36	54	1	000910036
41	62	1	000910041
46	69	1	000910046
50	76	1	000910050
55	81	1	000910055
60	90	1	000910060
65	98	1	000910065
70	105	1	000910070
75	110	1	000910075
80	125	1	000910080
85	125	1	000910085
90	140	1	000910090
95	140	1	000910095
100	143	1	000910100
105	146	1	000910105

## 92

tubes for item 91



	L mm	91 mm	Ø mm		
92/1	460	24÷30	19	1	000920010
92/2	610	32÷41	22	1	000920020
92/3	760	46÷55	25	1	000920030
92/4	860	60÷105	30	1	000920040

## 93

double-ended offset ring wrench for scaffolding bolts



mm	L mm		
21x22	310	3	000930021

## 93C

ratcheting double-ended offset ring wrenches for scaffolding bolts



mm	L mm		
17x19	310	1	000930117
19x22	310	1	000930119
19x24	365	1	000930120
21x22	310	1	000930121
36x38	445	1	000930136

## 94

flare nut open ring wrenches



DIN 3118

mm	L mm		
8x10	140	2	000940008
9x11	153	2	000940009
10x11	153	2	000940010
11x13	175	2	000940011
12x14	175	2	000940012
13x15	175	2	000940013
14x15	175	2	000940014
14x17	195	2	000940015
17x19	212	2	000940017
19x22	228	2	000940019
22x24	242	2	000940022
24x27	260	2	000940024
30x32	300	2	000940030
36x41	320	1	000940036



94/S6 1 000940050

8x10-10x11-11x13-12x14-17x19-19x22 mm

94/S10 1 000940052

8x10-9x11-10x11-11x13-12x14-17x19-19x22-22x24-24x27-30x32 mm

## 95

double ended flat ring wrenches



DIN 837 ISO 10103

mm	L mm		
6x7	120	3	000950161
8x9	135	3	000950162
10x11	150	3	000950163
12x13	165	3	000950164
14x15	185	3	000950165
16x17	210	3	000950166
17x19	225	3	000950167
18x19	225	2	000950168
20x22	240	2	000950169
21x23	255	2	000950170
24x26	270	2	000950171
25x28	285	2	000950172
27x29	315	2	000950173
30x32	335	2	000950174



95/S8 1 000950177

6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm

95/S13 1 000950179

6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x26-25x28-27x29-30x32 mm

## 95FTX

double-ended straight wrenches, for Torx® head screws



	L mm		
E6xE8	115	2	000950306
E10xE12	143	2	000950310
E14xE18	177	2	000950314
E20xE24	224	2	000950320



95FTX/S4 1 000950325

E6xE8-E10xE12-E14xE18-E20xE24

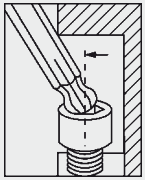


# Beta



# OFFSET HEXAGON KEY WRENCHES

Beta's hexagon key wrenches have been designed for long, accurate operation. The wide range covers all use requirements: the extra-short, short, long, extra-long, ball head and T-wrenches as well as the wrenches with high torque handles are among Beta's flagship products and are unrivalled in the market.



The ball head offset hexagon key wrenches allow operation at an angle of up to 30° to the screw axis.

The keys are packaged in a wallet for quick identification of the required size. When closed, it prevents the wrenches, including the smaller ones, from accidentally coming out.

The Color version combines the outstanding features of the standard wrenches with immediate identification of the required size to speed up daily work.

## 96 offset hexagon key wrenches chrome-plated



ISO 2936

mm	L	L1		
0,9	35	8	20	000960013
1,3	39	10	20	000960014
1,5	45	15	20	000960015
2	50	17	20	000960020
2,5	57	20	20	000960025
3	64	22	20	000960030
3,5	68	25	20	000960035
4	72	28	20	000960040
4,5	78	30	20	000960045
5	83	32	20	000960050
5,5	88	35	20	000960055
6	94	37	20	000960060
7	99	40	10	000960070
8	105	43	10	000960080
9	111	46	10	000960090
10	119	49	10	000960100
11	126	52	10	000960110
12	134	56	10	000960120
13	142	62	10	000960130
14	151	69	10	000960140
16	165	75	5	000960160
17	174	79	5	000960170
19	196	88	5	000960190
22	216	100	3	000960220
24	242	112	1	000960240
27	271	125	1	000960270
30	309	140	1	000960300
32	341	155	1	000960312
36	385	174	1	000960316



96/ST6  
2,5-3-4-5-6-8 mm

3 000960370



96/BGS7  
1,5-2-2,5-3-4-5-6 mm

1 000960367



96/BG7  
2,5-3-4-5-6-8-10 mm

1 000960368



96/B8  
2-2,5-3-4-5-6-8-10 mm 5 000960386

96/B10  
1,5-2-2,5-3-4-5-6-8-10-12 mm 5 000960380

96N/BV 1 000960651



96/SC9  
1,5-2-2,5-3-4-5-6-8-10 mm 1 000960374

96/SCV 1 000960985



96/SC12  
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm 1 000960395

96/SCV12 1 000960975

## 96N offset hexagon key wrenches, burnished



ISO 2936

mm	L mm	L1 mm		
0,9	32	10	20	000960409
1,3	44	12	20	000960413
1,5	46	15	20	000960415
2	51	17	20	000960420
2,5	57	20	20	000960425
3	64	22	20	000960430
3,5	68	25	20	000960435
4	72	28	20	000960440
4,5	78	30	20	000960445
5	83	32	20	000960450
6	94	37	20	000960460
7	99	40	10	000960470
8	105	43	10	000960480
9	111	46	10	000960490
10	119	49	10	000960500
11	126	52	10	000960510
12	134	56	10	000960520
13	142	62	10	000960530
14	151	69	10	000960540
16	165	72	5	000960560
17	174	79	5	000960570
19	194	88	5	000960590
22	216	99	1	000960592
24	242	111	1	000960594



**96N/ST6**  
2,5-3-4-5-6-8 mm

3 000960640



**96N/G7**  
2,5-3-4-5-6-8-10 mm  
**96N/G7A**  
1,5-2-2,5-3-4-5-6 mm

3 000960645  
3 000960643



**96N/B10**  
1,5-2-2,5-3-4-5-6  
8-10-12 mm  
**96N/BV**

5 000960650  
1 000960651



**96N/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm  
**96N/SCV**

1 000960644  
1 000960986



**96N/SC12**  
2-2,5-3-3,5-4-4,5-5  
6-7-8-9-10 mm  
**96N/SCV12**

1 000960661  
1 000960976



**96C-AS/SC9**  
1/16-3/32-1/8-5/32-3/16-  
7/32-1/4-5/16-3/8

1 000961753

**96AS**  
offset hexagon key wrenches,  
burnished



"	L mm	L1 mm		
1/30 (0,035")	44	14	20	000960698
1/20 (0,050")	44	15	20	000960701
1/16	46	16	20	000960702
5/64	50	18	20	000960704
3/32	53	19	20	000960706
7/64	57	21	20	000960708
1/8	60	22	20	000960710
9/64	64	24	20	000960712
5/32	68	25	20	000960714
3/16	75	29	20	000960716
7/32	82	32	20	000960718
1/4	89	35	20	000960720
5/16	103	40	10	000960724
3/8	117	44	10	000960728
7/16	132	49	10	000960730
1/2	149	54	10	000960732
9/16	151	69	2	000960734



**96AS/SC9**  
1/16-3/32-1/8-5/32-3/16  
7/32-1/4-5/16-3/8  
**96AS/SCV**

1 000960743  
1 000960744



**96AS/T7**  
3/32-1/8-5/32  
3/16-7/32-1/4-5/16

3 000960740



**96AS/BG7**  
3/32-1/8-5/32-3/16  
1/4-5/16-3/8

1 000960747



**96AS/B11**  
1/20-1/16-5/64-3/32  
1/8-5/32-3/16-7/32  
1/4-5/16-3/8  
**96N/BV**

1 000960749  
1 000960651

**96LC**  
offset hexagon key wrenches,  
long series, chrome-plated



ISO 2936

mm	L mm	L1 mm		
2	101	17	20	000960320
2,5	113	20	20	000960321
3	127	22	20	000960322
3,5	138	25	20	000960323
4	142	28	20	000960324
4,5	154	28	20	000960325
5	163	32	20	000960326
6	184	37	20	000960327
7	194	40	10	000960328
8	205	43	10	000960329
9	216	46	10	000960330
10	231	49	10	000960331
12	259	56	10	000960332



**96LC/SC8**  
2-2,5-3-4-5-6-8-10 mm  
**96LC/SCV**

1 000960334  
1 000960983



**96LC/SC12**  
2-2,5-3-3,5-4-4,5-5  
6-7-8-9-10 mm  
**96LC/SCV12**

1 000960337  
1 000960977



## 96L

offset hexagon key wrenches,  
long series, burnished



ISO 2936

mm	L mm	L1 mm		
2	99	15	20	000960820
2,5	110	17	20	000960825
3	124	19	20	000960830
3,5	135	21	20	000960835
4	138	24	20	000960840
4,5	150	25	20	000960845
5	158	27	20	000960850
6	178	31	20	000960860
7	187	33	10	000960870
8	197	35	10	000960880
9	207	37	10	000960890
10	221	39	10	000960900
12	247	44	10	000960920



**96L/SC8**  
2-2,5-3-4-5-6-8-10 mm  
**96L/SCV**



**96L/SC12**  
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm  
**96L/SCV12**

## 96BP-CL

ball head offset hexagon key wrenches,  
chrome-plated,  
coloured



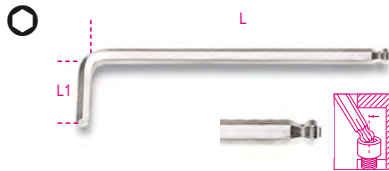
mm	L mm	L1 mm		
1,5	91	16	5	000961600
2	102	17	5	000961601
2,5	113	21	5	000961602
3	128	23	5	000961603
4	143	28	5	000961604
5	163	33	5	000961605
6	185	37	5	000961606
8	206	43	2	000961608
10	231	50	2	000961610



**96BP-CL/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm  
**96BP-CL/SCV**

## 96BPC

ball head offset hexagon key wrenches  
chrome-plated



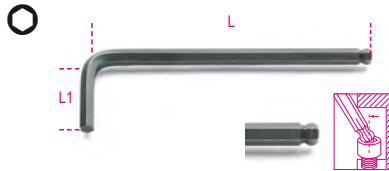
mm	L mm	L1 mm		
1,5	79	13	10	000960340
2	84	15	10	000960341
2,5	89	17	10	000960342
3	99	19	10	000960343
4	108	24	10	000960344
5	126	27	10	000960345
6	148	31	10	000960346
7	157	33	5	000960353
8	168	35	5	000960347
10	187	39	5	000960348
12	220	55	5	000960352



**96BPC/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm  
**96BPC/SCV**

## 96BP

ball head offset hexagon key wrenches  
burnished



mm	L mm	L1 mm		
1,5	79	13	10	000960960
2	84	15	10	000960961
2,5	89	17	10	000960962
3	99	19	10	000960963
4	108	24	10	000960965
5	126	27	10	000960967
6	148	31	10	000960968
8	168	35	5	000960970
10	187	39	5	000960972
12	220	55	5	000960973



**96BP/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm  
**96BP/SCV**

## 96BP-HO/SC9

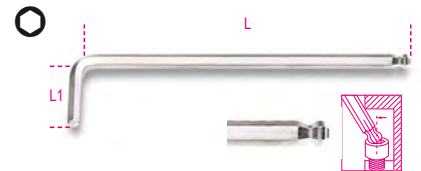
set of 9 ball head offset hexagon key  
wrenches,  
with screw holding system



**96BP-HO/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm

## 96LBP

ball head offset hexagon key wrenches,  
extra-long model



mm	L mm	L1 mm		
1,5	90	15	5	000961340
2	100	17	5	000961341
2,5	112	20	5	000961342
3	127	22	5	000961343
4	144	27	5	000961344
5	163	32	5	000961345
6	184	37	5	000961346
8	204	44	2	000961348
10	230	49	2	000961350

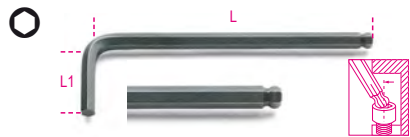


**96LBP/SC9**  
1,5-2-2,5-3-4-5-6-8-10 mm  
**96LBP/SCV**



## 96BP/AS

ball head offset hexagon wrenches  
burnished



"	L mm	L1 mm		
3/32	89	17	10	000960989
1/8	98	18	10	000960990
5/32	108	24	10	000960991
3/16	126	26	10	000960992
7/32	139	28	10	000960993
1/4	152	31	10	000960994
5/16	168	34	5	000960995
3/8	190	39	5	000960996



<b>96BP-AS/SC9</b>	1	000961000
1/16-3/32-1/8-5/32-3/16		
7/32-1/4-5/16-3/8		
<b>96BP-AS/SCV</b>	1	000961001



<b>96BP-AS/8</b>	1	000960997
3/32-1/8-5/32-3/16-7/32		
1/4-5/16-3/8		
<b>96BP-AS/BV</b>	1	000960998

## 96BPA

ball head offset hexagon key wrenches, 110°,  
extra-short side model



mm	L mm	L1 mm		
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970



<b>96BPA/SC9</b>	1	000961974
1,5-2-2,5-3-4-5-6-8-10 mm		
<b>96BPA/SCV</b>	1	000961988

## 96T OFFSET HEXAGON KEY WRENCHES with high torque handles

Rapid and easy to handle

The small-size handle is perfectly balanced to quickly rotate in the palm of the hand. The ergonomic shape allows extremely high torques to be applied.

The hexagon ends have been designed to transmit the maximum possible torque to the screw.

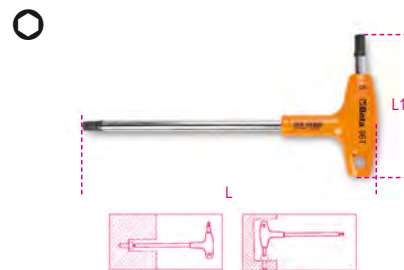
The round blade has a homogenous frame compared to the hexagon blade and provides increased strength.



Blade passes through handle

## 96T

offset hexagon key wrenches,  
with high torque handles



mm	L mm	L1 mm		
2	139	52	5	000960934
2,5	153	55	5	000960935
3	153	55	5	000960936
3,5	179	70	5	000960937
4	179	70	5	000960938
4,5	200	84	5	000960939
5	200	84	5	000960940
6	221	103	5	000960941
7	236	106	3	000960942
8	255	117	3	000960943
10	285	132	3	000960945



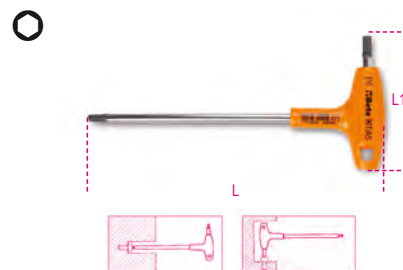
<b>96T/S5P</b>	1	000960946
2,5-3-4-5-6 mm		
<b>96T/S6</b>	1	000960952
2-2,5-3-4-5-6 mm		
<b>96T/S8</b>	1	000960933
2-2,5-3-4-5-6-8-10 mm		
<b>96T/S11</b>	1	000960951
2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm		



<b>96T/SP11</b>	1	000960957
2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm		
<b>96T/SPV</b>	1	000960958
96T/S11		
97TTX/S11		

## 96T/AS

offset hexagon key wrenches,  
with high torque handles



"	L mm	L1 mm		
3/32	153	55	2	000960669
7/64	153	55	2	000960670
1/8	179	70	2	000960671
9/64	179	70	2	000960672
5/32	200	84	2	000960673
3/16	200	84	2	000960674
7/32	221	103	2	000960675
1/4	236	106	2	000960676
5/16	255	117	2	000960678
3/8	285	132	2	000960680



<b>96T/AS8</b>	1	000960682
3/32-7/64-1/8-5/32-3/16-1/4-5/16-3/8		
<b>96T/AS10</b>	1	000960683
3/32-7/64-1/8-9/64-5/32-3/16-7/32-1/4-5/16-3/8		

## 96TBP

ball head offset hexagon key wrenches with high torque handles



mm	L mm	L1 mm	
2,5	153	55	3 000960685
3	153	55	3 000960686
4	179	70	3 000960687
5	200	84	3 000960688
6	221	103	3 000960689
8	255	117	2 000960690
10	285	132	2 000960692



96TBP/S6  
2,5-3-4-5-6-8 mm

## 97TX

offset key wrenches, for Torx® head screws



mm	L mm	L1 mm	
T6	42	16	5 000970006
T7	48	16	5 000970007
T8	48	16	5 000970008
T9	48	16	5 000970009
T10	51	17	5 000970010
T15	54	18	5 000970015
T20	57	19	5 000970020
T25	60	20	5 000970025
T27	64	21	5 000970027
T30	70	24	5 000970030
T40	76	26	5 000970040
T45	83	29	5 000970045
T50	95	32	5 000970050
T55	108	35	5 000970055
T60	120	38	5 000970060



97TX/ST8  
T9-T10-T15-T20-T25  
T27-T30-T40



97TX/G8  
T9-T10-T15-T20-T25  
T27-T30-T40



97TX/BG8  
T9-T10-T15-T20-T25-T27-T30-T40



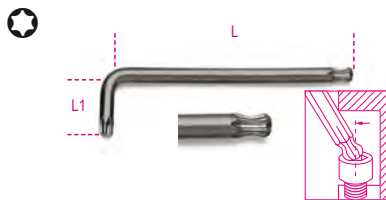
97TX/SC8  
T9-T10-T15-T20-T25  
T27-T30-T40  
97TX/SCV



97TX/B13  
T6-T7-T8-T9-T10-T15-T20  
T25-T27-T30-T40-T45-T50  
96N/BV

## 97BTX

ball head offset key wrenches, for Torx(R) head screws



mm	L mm	L1 mm	
T9	62	16	5 000970109
T10	71	17	5 000970110
T15	81	18	5 000970115
T20	92	19	5 000970120
T25	94	20	5 000970125
T27	105	21	5 000970127
T30	114	24	5 000970130
T40	129	26	5 000970140
T45	133	28	5 000970145



97BTX/SC8  
T9-T10-T15-T20-T25-T27-T30-T40  
97BTX/SCV



97BTX/B8  
T9-T10-T15-T20-T25  
T27-T30-T40  
96N/BV



97BTX-C/SC8  
T9-T10-T15-T20-T25-T27-T30-T40  
97BTX-C/SCV

## 97BTXL

ball head offset key wrenches, long model, for Torx® head screws



mm	L mm	L1 mm	
T9	80	15	3 000970309
T10	86	17	3 000970310
T15	100	18	3 000970315
T20	110	19	3 000970320
T25	126	20	3 000970325
T27	140	24	3 000970327
T30	160	28	3 000970330
T40	176	32	3 000970340



97BTXL/SC8  
T9-T10-T15-T20-  
T25-T27-T30-T40  
97BTXL/SCV

## 97RTX

offset key wrenches  
for Tamper Resistant Torx® head screws



	L mm	L1 mm	
T6	40	15	5 000970206
T7	45	15	5 000970207
T8	50	16	5 000970208
T9	56	16	5 000970209
T10	62	17	5 000970210
T15	72	17	5 000970215
T20	83	18	5 000970220
T25	90	18	5 000970225
T27	100	20	5 000970227
T30	105	24	5 000970230
T40	112	26	5 000970240
T45	118	26	5 000970245
T50	122	28	3 000970250
T55	128	30	3 000970255



<b>97RTX/SC8</b> T9-T10-T15-T20-T25	1 000970263
<b>97RTX/SCV</b>	1 000970984



<b>97RTX/B8</b> T9-T10-T15-T20-T25	1 000970260
<b>96N/BV</b>	1 000960651

## 97BRTLX/SC8

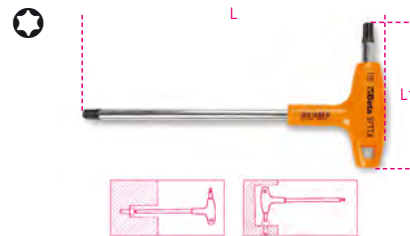
set of 8 ball head offset key wrenches, long model,  
for Tamper Resistant Torx® head screws



<b>97BRTLX/SC8</b> T9-T10-T15-T20-T25-T27-T30-T40	1 000970464
<b>97BRTLX/SCV</b>	1 000970986

## 97TTX

offset key wrenches with handles  
for Torx® head screws



	L mm	L1 mm	
T6	130	52	3 000970706
T7	130	52	3 000970707
T8	139	52	3 000970708
T9	139	52	3 000970709
T10	179	70	3 000970710
T15	179	70	3 000970715
T20	179	70	3 000970720
T25	179	70	3 000970725
T27	200	84	3 000970727
T30	200	84	3 000970730
T40	221	103	3 000970740
T45	236	106	2 000970745
T50	255	117	2 000970750



<b>97TTX/S6</b> T10-T15-T20-T25-T30-T40	1 000970791
<b>97TTX/S8</b> T8-T10-T15-T20-T25-T27-T30-T40	1 000970808
<b>97TTX/S11</b> T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50	1 000970800
<b>97TTX/S13</b> T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50	1 000970813



<b>97TTX/SP11</b> T8-T9-T10-T15-T20-T25-T27-T30-T40-T45-T50	1 000970840
<b>96T/SPV</b> 96T/S11 97TTX/S11	1 000960958

## 98XZN

offset key wrenches with XZN® profile



DIN 65253

	L mm	L1 mm	
M5	83	25	5 000980005
M6	89	30	5 000980006
M8	97	32	5 000980008
M10	106	35	5 000980010
M12	116	37	5 000980012



<b>98XZN/B5</b> M5-M6-M8-M10-M12	1 000980650
<b>96N/BV</b>	1 000960651

## 99

hook wrenches with square noses,  
for ring nuts UNI/ISO 2982, 2983



UNI 6752

	A mm	
12-14	1,5	3 000990012
16-18-20	1,8	3 000990016
22-25-28	1,8	3 000990022
30-32	2,1	3 000990030
34-36-38	2,4	3 000990034
40-42	2,4	3 000990040
45-50	2,5	3 000990045
52-55-58	2,5	3 000990052
62-65	3,1	3 000990062
68-70-75	3,1	3 000990068
80-85-90	3,8	2 000990080
92-95	4,3	2 000990092
98-100	4,3	2 000990098
105-110-115	4,4	1 000990105
120-125-130	4,9	1 000990120
135-145	6,0	1 000990135
155-165	6,0	1 000990155

## 99SQ

hook wrenches with square noses  
for ring nuts



	S mm	
15-35	5,1	2 000990215
35-50	6,0	2 000990235
50-80	8,0	2 000990250
80-120	8,3	2 000990280
120-180	10,8	2 000990290

## 99ST

hook wrenches with round noses for ring nuts



mm	Ø mm	B mm		
15-35	3,0	2,5	2	000990315
35-50	4,0	4,5	2	000990335
50-80	5,0	5,0	2	000990350
80-120	6,0	7,0	2	000990380
120-180	8,0	9,0	2	000990390

## 99 VN/...

spare nose for item 99ST

99ST VN/	mm		
15	15-35	1	000990295
35	35-50	1	000990296
50	50-80	1	000990297
80	80-120	1	000990298
120	120-180	1	000990299

## 100

round pin wrench for ring nuts with front holes



Ø mm	L mm	Ø mm	
4,8-5,8	250	18÷100	1 001000001
6,9-7,9			

## 100/KIT

spare pins for item 100



100/KIT	1	001000010
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# 111E ADJUSTABLE WRENCHES WITH SCALES

The new adjustable wrenches with scales, Beta **111E**, allow differently sized nuts and bolts to be tightened and loosened through the sliding jaws, which can be adjusted through the central rolls.

Head angled at 15°, allowing hardly accessible spaces to be reached, as is the case with our iconic combination wrenches, "42"



**Wide wrench opening**

Compact head with completely open jaw

**Double laser marking in mm/inches**



Based on the new ergonomic properties, weight has been reduced by 20%  
Made from high-performance alloy steel for increased mechanical torsional strength  
Special heat treatment for **excellent wear resistance**

Hole on handle for hanging wrench

## 111E

adjustable wrenches with scales, chrome-plated

- Right-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110110
150	6	24	3	001110115
200	8	29	3	001110120
250	10	34	3	001110125
300	12	40	3	001110130
380	15	45	3	001110138
450	18	54	2	001110145
600	24	62	1	001110160



111E/D3  
150-200-250 mm

1 001110163

## 111EN

adjustable wrenches with scales, phosphated

- Left-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
100	4	15	3	001110410
150	6	24	3	001110415
200	8	29	3	001110420
250	10	34	3	001110425
300	12	40	3	001110430
380	15	45	3	001110438
450	18	54	2	001110445

## 111ER

reversible jaw adjustable wrenches with scales, chrome-plated

- Reversible jaw
- Right-hand rotation of pin
- Mm/inch scale



L mm	L "	A max mm	Ø max "		
200	8	29	3/4	3	001110520
250	10	34	1	3	001110525
300	12	40	1.1/4	2	001110530





## 111CM

wide opening adjustable wrenches, chrome-plated, short series

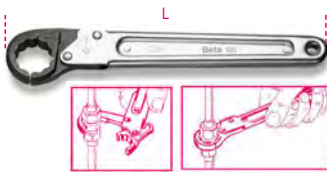
- Wide opening
- Right-hand rotation
- Mm/inch scale



L mm	L "	A max mm		
170	6	32	2	001110770
220	8	38	3	001110722
270	10	46	3	001110727

## 120

ratchet opening single ended bi-hex wrenches



mm	L mm		
10	135	1	001200010
11	135	1	001200011
12	135	1	001200012
13	135	1	001200013
14	135	1	001200014
17	185	1	001200017
19	185	1	001200019
22	230	1	001200022
24	230	1	001200024
27	230	1	001200027
30	320	1	001200030
32	320	1	001200032

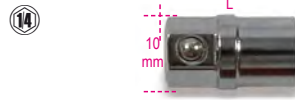


120/B6N	1	001200060
10-11-13		
17-19-22 mm		
2002/BVL6	1	020020010



## 123E1/4

bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	20,6	1	001230010

## 123Q1/4

quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	17,5	1	001230310

## 123Q3/8

quick release adaptor, 3/8", for 13 mm ratcheting wrenches



mm	L mm		
13	22,5	1	001230313

## 123Q1/2

quick release adaptor, 1/2", for 19 mm ratcheting wrenches



mm	L mm		
19	30,5	1	001230319

## 123/K4

kit with 4 adapters for ratchet wrenches:  
1 bit adapter  
3 quick release adapters



123/K4	1	001230504
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## 141

ratcheting combination wrenches, straight series



ISO 21982:2020

mm	L mm		
8x8	136	3	001410008
9x9	143	3	001410009
10x10	160	3	001410010
11x11	168	3	001410011
12x12	174	3	001410012
13x13	180	3	001410013
14x14	193	2	001410014
15x15	200	2	001410015
16x16	216	2	001410016
17x17	233	2	001410017
18x18	239	2	001410018
19x19	250	2	001410019



141/B6	1	001410066
8-10-13-14-17-19 mm		
141/B9	1	001410069
8-10-11-12-13-14-15-17-19 mm		



141/S12	1	001410072
8-9-10-11-12-13-14-15-16-17-18-19 mm		





# 142 RATCHETING WRENCHES

The rapid 72-tooth ratchet provides a take-up angle of no more than 5°, thereby resulting in quick, accurate tightening

1 The fixed mouth makes strong tightening possible, based on the long shank.

2 The built-in reversing lever avoids any risk of accidental reversal.



3 The bi-hex ring end is angled at 15°, to protect the hand and allow easier access.

4 The fixed head is angled at 15° to the axis, thereby resulting in a reduced take-up angle.



<b>142/B6</b>	1	001420066
8-10-13-14-17-19 mm		
<b>142/BV6</b>	1	001420076
<b>142/B9</b>	1	001420069
8-10-11-12-13-14-15-17-19 mm		
<b>142/BV9</b>	1	001420079



<b>142/S15</b>	1	001420074
6-7-8-9-10-11-12-13		
14-15-16-17-18-19-22 mm		
<b>142/S17</b>	1	001420068
6-7-8-10-11-12-13-14-15-		
16-17-18-19-21-22-24-27 mm		
<b>142/S19</b>	1	001420075
6-7-8-9-10-11-12		
13-14-15-16-17-18		
19-22-24-27-30-32 mm		

## 142/SC9I-E

set of 9 reversible ratcheting combination wrenches, with compact support



<b>142/SC9I</b>	1	001420087
8-10-11-12-13-14-15-17-19 mm		
<b>142/SCV9I</b>	1	001420103
<b>142/SC9E</b>	1	001420088
8-10-11-12-13-16-17-18-19 mm		
<b>142/SCV9E</b>	1	001420104

## 142MC

reversible ratcheting combination wrenches, coloured



ISO 21982:2020

mm	L mm		
<b>8x8</b>	136	■	3 001422008
<b>10x10</b>	159	■	3 001422010
<b>11x11</b>	168	■	3 001422011
<b>12x12</b>	174	■	3 001422012
<b>13x13</b>	180	■	3 001422013
<b>14x14</b>	190	■	2 001422014
<b>15x15</b>	200	■	2 001422015
<b>16x16</b>	216	■	2 001422016
<b>17x17</b>	233	■	2 001422017
<b>18x18</b>	239	■	2 001422018
<b>19x19</b>	248	■	2 001422019



<b>142MC/SC9I</b>	1	001422087
8-10-11-12-13-14-15-17-19 mm		
<b>142MC/SC9E</b>	1	001422088
8-10-11-12-13-16-17-18-19 mm		

## 142AS

reversible ratcheting combination wrenches



mm	L mm		
<b>5/16x5/16</b>	136	■	2 001420308
<b>3/8x3/8</b>	159	■	2 001420310
<b>7/16x7/16</b>	168	■	2 001420311
<b>1/2x1/2</b>	180	■	2 001420313
<b>9/16x9/16</b>	190	■	2 001420314
<b>5/8x5/8</b>	216	■	2 001420316
<b>11/16x11/16</b>	233	■	2 001420317
<b>3/4x3/4</b>	248	■	2 001420319



<b>142AS/8</b>	1	001420330
5/16-3/8-7/16-1/2		
9/16-5/8-11/16-3/4		

## 142

reversible ratcheting combination wrenches



ISO 21982:2020

mm	L mm		
<b>6x6</b>	136	■	3 001420006
<b>7x7</b>	136	■	3 001420007
<b>8x8</b>	136	■	3 001420008
<b>9x9</b>	143	■	3 001420009
<b>10x10</b>	159	■	3 001420010
<b>11x11</b>	168	■	3 001420011
<b>12x12</b>	174	■	3 001420012
<b>13x13</b>	180	■	3 001420013
<b>14x14</b>	190	■	2 001420014
<b>15x15</b>	200	■	2 001420015
<b>16x16</b>	216	■	2 001420016
<b>17x17</b>	233	■	2 001420017
<b>18x18</b>	239	■	2 001420018
<b>19x19</b>	248	■	2 001420019
<b>21x21</b>	285	■	1 001420021
<b>22x22</b>	285	■	1 001420022
<b>24x24</b>	325	■	1 001420024
<b>27x27</b>	355	■	1 001420027
<b>30x30</b>	420	■	1 001420030
<b>32x32</b>	420	■	1 001420032
<b>34x34</b>	482	■	1 001420034
<b>36x36</b>	482	■	1 001420036
<b>38x38</b>	482	■	1 001420038



## 142C

ratcheting combination wrenches,  
straight short series



ISO 21982:2020

mm	L mm		
8x8	88	2	001420108
9x9	96	2	001420109
10x10	96	2	001420110
11x11	100	2	001420111
12x12	104	2	001420112
13x13	108	2	001420113
14x14	114	2	001420114
15x15	118	2	001420115
16x16	122	2	001420116
17x17	128	2	001420117
18x18	132	2	001420118
19x19	138	2	001420119



142C/A12  
8-9-10-11-12-13-14  
15-16-17-18-19 mm

1 001420175

## 142SN

swivel end ratcheting  
combination wrenches



ISO 21982:2020

mm	L mm		
7x7	136	2	001420207
8x8	136	2	001420208
9x9	143	2	001420209
10x10	160	2	001420210
11x11	168	2	001420211
12x12	174	2	001420212
13x13	180	2	001420213
14x14	193	2	001420214
15x15	200	2	001420215
16x16	216	2	001420216
17x17	233	2	001420217
18x18	239	2	001420218
19x19	250	2	001420219
22x22	285	1	001420222
24x24	325	1	001420224



142SN/S13  
7-8-9-10-11-12-13-14  
15-16-17-18-19 mm

1 001420263



142SN/SC9  
8-10-11-12-13-14-15-17-19 mm

1 001420259

## 186

self-locking wrench with automatic take-up  
device  
for hexagons, 8 to 32 mm

Ideal for hexagon, Spline, square and Torx® head screws,  
including damaged screws.



L  
mm  
260

1 001860008

## 187

swivelling, openable wrenches



mm	L mm		
8x9	125	1	001870008
10x11	155	1	001870010
12x13	175	1	001870012
14x15	205	1	001870014
16x17	235	1	001870016



187/B5  
8x9-10x11-12x13  
14x15-16x17 mm

1 001870050

## 192

reversible ratcheting double-ended flat bi-hex  
ring wrenches, 4 in 1



mm	L mm		
8x10/12x13	160	1	001920008
16x17/18x19	230	1	001920016



192/S2  
8x10/12x13 mm  
16x17/18x19 mm

1 001920070

## 194

reversible ratcheting wrench  
for bits



mm	L mm		
1/4x5/16	128	2	001940006



# Beta



## 195

ratcheting double-ended flat bi-hex ring wrenches



ISO 21982:2020

mm	L mm		
8x10	128	2	001950010
12x13	170	2	001950013
14x15	190	2	001950015
16x18	230	2	001950018
17x19	230	2	001950019



195/B5	1	001950066
8x10-12x13-14x15		
16x18-17x19 mm		
195/BV5	1	001950070

## 195AS

ratcheting double-ended flat bi-hex ring wrenches



mm	L mm		
5/16x3/8	128	2	001950606
7/16x1/2	170	2	001950611
9/16x5/8	190	2	001950614
11/16x3/4	230	2	001950617



195AS/B4	1	001950654
5/16x3/8 - 7/16x1/2 -		
9/16x5/8 - 11/16x3/4		
195FTX/BV4	1	001950520



## 195P

reversible ratcheting double-ended offset bi-hex ring wrenches, bent at 15°



ISO 21982:2020

mm	L mm		
8x10	128	2	001950210
12x13	170	2	001950213
14x15	190	2	001950215
16x18	230	2	001950218
17x19	230	2	001950219



195P/B5	1	001950266
8x10-12x13-14x15		
16x18-17x19 mm		
195/BV5	1	001950070

## 310

polywelder for PE, PP, PVC and PVDF pipes and fittings

CE



230V-650 Watt  
50 Hz±60Hz  
Schuko (CEE 7/7)

	Ø mm		
310/2	16÷63	1	003100002

## 310B

forms for polywelder item 310



Ø mm			
16	1	003100016	
20	1	003100020	
25	1	003100025	
32	1	003100032	
40	1	003100040	
50	1	003100050	
63	1	003100063	

## 310/C8

polywelder with assortment of 7 forms



310/C8

310/2+310B: Ø 16-20-25  
32-40-50-63

440x270x120 mm - 7,7 kg

1 003100108

## 311

heating plates for manual straight and slanted welding of PE pipes

CE



230V  
50 Hz±60Hz

Schuko (CEE 7/7)

	Ø mm	Watt		
311/1	120	300	1	003110001
311/2	190	900	1	003110002



# FIELD OF USE OF BETA'S PIPE CUTTERS

Beta's pipe cutters cover a wide range of applications. They rely on accurate, smooth rollers and screw or telescopic feed to make accurate, clean cuts possible on all the materials used for pipes.

The table below shows the pipe cutter / cutter wheel combinations for each material.

STEEL GAS PIPES				STAINLESS STEEL GAS PIPES			
	10 mm	60 mm	115 mm	10 mm	60 mm	115 mm	
	1/8"	2"	4"	1/8"	2"	4"	
330/2				330/2+330R/I2			
330/4				330/4+330R/I4			

COPPER AND LIGHT ALLOY PIPES								
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1"1/8"		1"1/2"	2"5/8"
332								
334								
336								
338								

THIN-WALLED STAINLESS STEEL PIPES								
	3 mm	6 mm	8 mm	16 mm	28 mm	30 mm	38 mm	67 mm
	1/8"	1/4"	5/16"	5/8"	1"1/8"		1"1/2"	2"5/8"
332 + 334R/I								
334 + 334R/I								
336 + 338R/I								
338 + 338R/I								

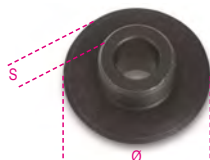
PLASTIC PIPES								
	6 mm	8 mm	16 mm	30 mm	38 mm	50 mm	67 mm	127 mm
	1/4"	5/16"	5/8"	1"1/8"	1"1/2"	2"	2"5/8"	5"
336 + 338RP								
338 + 338RP								

## 330 pipe cutters for steel gas pipes



	Ø mm - "	L mm		
330/2	10÷60 1/8"÷2"	380	1	003300002
330/4	60÷115 2"÷4"	585	1	003300004

## 330R/A spare cutters for item 330 wheels for steel pipes



	Ø mm	S mm		
330R/A2	32	7	1	003300012
330R/A4	42	9	1	003300014

## 330R/I spare cutter wheel for item 330 for stainless steel pipes



	Ø mm	S mm		
330R/I2	32	7	1	003300024
330R/I4	32	9	1	003300034

## 331C portable C-shaped pipe cutter for copper and light alloy pipes



	Ø mm	L mm		
15÷22	15÷22	78	1	003310050

## 332 mini pipe cutter for copper and light alloy pipes



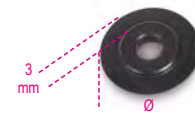
	Ø mm - "	L mm		
3÷16	3÷16	59	2	003320001
1/8"÷5/8"	1/8"÷5/8"			
3÷28	3÷28	63	2	003320003
1/8"÷1"1/8"	1/8"÷1"1/8"			

## 334 pipe cutter for copper and light alloy pipes



	Ø mm - "	L mm		
3÷30	3÷30	150	1	003340001
1/8"÷1"1/8"	1/8"÷1"1/8"			

## 334R spare cutter wheel for items 332 and 334 for copper and light alloy pipes



	D mm		
334R	18	1	003340021

## 334R/I spare cutter wheel for items 332 and 334 for stainless steel pipes



	D mm		
334R/I	18	1	003340023



### 336

telescopic pipe cutter for copper and light alloy pipes



Ø mm - " L mm  
6÷38 1/4"÷1"1/2 160  
1 003360001

### 338

telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes



Ø mm - " L mm  
6÷67 1/4"÷2"5/8 290  
1 003380001

### 338R

spare cutter wheel for items 331L, 336 and 338 for copper and light alloy pipes



Ø mm  
338R 18,5  
1 003380022

### 338R/I

spare cutter wheel for items 336 and 338 for stainless steel pipes



Ø mm L mm  
338R/I 21,8  
1 003380023

### 338RP

spare cutter wheel for items 336 and 338 for plastic pipes



Ø mm  
338RP 21,9  
1 003380025

### 340

multilayer pipe cutting pliers, max. Ø 26 mm  
PTFE-coated blade  
4 support rollers making it easier to rotate pipe during cutting jobs  
system for cutting corrugated pipes built into handle  
lightweight magnesium body



Ø max mm  
340 26  
1 003400001

### 340RL

spare blade for item 340



340RL 1 003400010

### 340C

corrugated pipe cutting pliers

- pliers made of alloy aluminium and magnesium
- compact, pocket-size, lightweight
- additional blade for lengthwise cutting



Ø mm L mm  
340C 14-45 134  
1 003400050

### 340C/KRL

kit of 3 spare blades for 340C



340C/KRL 1 003400055

### 341

pipe cutting pliers for plastic pipes



Ø mm L mm  
341 0÷25 190  
1 003410001

### 341RL

spare blade for item 341



341RL 1 003410010

### 341B

ratchet-type shears for plastic pipes



Ø mm L mm  
341B 0÷35 195  
1 003410051

### 341B/RM

spare spring for item 341B

341B/RM 1 003410061

**341B/RL**  
 spare blade for item 341B



341B/RL 1 003410060

**342**  
 Ratchet-type shears  
 for plastic pipes



Ø	L	
mm -"	mm	
0÷42	200	1 003420030
1"5/8		

**342MOL**  
 spare spring for item 342

342MOL 1 003420033

**342RL**  
 spare blade for item 342



342RL 1 003420032

**342A**  
 ratchet-type shears for plastic pipes



Ø	L	
mm -"	mm	
0÷50	270	1 003420101
2"		

**342A/MOL**  
 spare spring for item 342A

342A/MOL 1 003420111

**342A/RL**  
 spare blade for item 342A



342A/RL 1 003420110

**342P**  
 ratchet-type shears for plastic pipes, made  
 from magnesium alloy



Ø	L	
mm -"	mm	
0÷50	260	1 003420121
2"		

**342P/RL**  
 spare blade for item 342P



342P/RL 1 003420130

**345**  
 pipe reamer metal body



Ø	L	
mm -"	mm	
3÷42	58	5 003450001
1/8"÷1"5/8		

**345U**  
 pipe reamer for stainless steel, steel, copper  
 and light alloys



Ø	L	
mm -"	mm	
4÷36	60	1 003450050
5/32"÷1"7/16		

**345U/A**  
 adapter for pipe reamer 345U,  
 1/4" hexagon drive, for power drivers



1/4" L  
 mm  
 90 3 003450055

**345C**  
 multilayer pipe gauge



Ø  
 mm  
 16-20-26-32 1 003450032

**345SB**  
 deburrer with revolving replacement  
 blade



L  
 mm  
 150 5 003450010

**345SB/R**  
 spare blade for item 345SB



345SB/R 3 003450015

**345SB2**  
 deburrer  
 with fixed blade



L  
 mm  
 140 5 003450022

### 345SC

4-in-1 brush for inside and outside diameters, 1/2" and 3/4"



L mm	L1 mm	L2 mm	QTY	ITEM NO.
195	28	32	2	003450060

### 345SI

deburrer for internal use, with revolving replacement blade



L mm	Ø mm	QTY	ITEM NO.
168	16,5	1	003450040

### 345SI/R

spare blade for item 345SI



ITEM NO.	QTY	ITEM NO.
345SI/R	1	003450045

### 349

tube flaring tool with clutch, for copper and light alloy pipes

3/8"



Ø mm - "	QTY	ITEM NO.
6-8-10-12-14-15-16-18	1	003490001
(1/8-3/16-1/4-5/16)		
3/8-1/2-5/8-3/4)		
270x200x50 mm - 2,7 kg		

### 349/SMM

metric slide for item 349



Ø mm	QTY	ITEM NO.
6-8-10-12-14-15-16-18	1	003490011

### 349/SMAS

inch slide for item 349



Ø	QTY	ITEM NO.
1/8-3/16-1/4-5/16	1	003490012
3/8-1/2-5/8-3/4		

### 350

tube flaring tool for copper and light alloy pipes



Ø mm	L mm	A mm	QTY	ITEM NO.
4-4,75-6-8	175	104	1	003500001
10-12-14				

### 351C

pipe cutter and tube flaring tool



ITEM NO.	QTY	ITEM NO.
351C	1	003510010
334	Ø 3+30 mm (1/8"+1"1/8)	
350	Ø 4+14 mm	
351P	Ø 4-4,75-6-8-10-12-14 mm	
225x150x45 mm - 1,6 kg		

### 351P

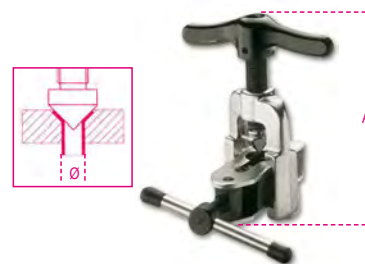
inserts for tube flaring tool item 350



ITEM NO.	Ø mm	QTY	ITEM NO.
351P 4	4	3	003510101
351P 4,75	4,75	3	003510102
351P 6	6	3	003510103
351P 8	8	3	003510104
351P 10	10	3	003510105
351P 12	12	3	003510106
351P 14	14	3	003510107

### 352U

adjustable tube flaring tool for copper and light alloy pipes



Ø mm - "	A mm	QTY	ITEM NO.
5-16	130	1	003520101
3/16-5/8			

### 352C/U

pipe cutter, deburrer and adjustable tube flaring tool



ITEM NO.	QTY	ITEM NO.
352C/U	1	003520110
334	Ø 3+30 mm (1/8"+1"1/8)	
345SB		
352U	Ø 5+16 mm (3/16"+5/8")	
335x145x60 mm - 2120 g		

### 355

combination spud wrench, five steps

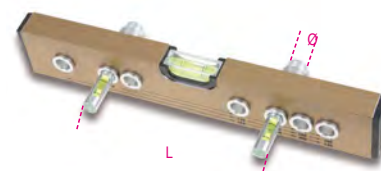
12"



Ø	L mm	QTY	ITEM NO.
3/8"-1/2"	90	2	003550001
3/4"-1"			

### 357F3

three-vial spirit level



Ø	L mm	QTY	ITEM NO.
3/8" / 1/2"	90=220	1	003570100



### 357R/F3

spare vial for item 357F3



357R/F3

1 003570101

### 358

tools for chamfering plastic pipes



358/1 16÷110  
358/2 40÷250

1 003580001  
1 003580002

### 358RL

spare blade for items 358/1 and 358/2



358RL

1 003580011

### 359

universal drain wrench



1"÷1"1/4 160 140

1 003590001

### 359CH

drain adaptor, cross-shape for item 359



1"1/2 74

1 003590005

### 360

pipe wrenches, Stillson pattern



L mm	Ø max"	Ø max mm	
250	1" gas	34	1 003600025
350	1"1/2 gas	49	1 003600035
450	2" gas	60	1 003600045
600	2"1/2 gas	76	1 003600060
900	3"1/2 gas	102	1 003600090

### 360R/...

spare parts kit for item 360 with moving jaw and ring nut.

360R 250	1 003600225
360R 350	1 003600235
360R 450	1 003600245
360R 600	1 003600260
360R 900	1 003600290

### 361N

adjustable lever pipe wrench



350 1" 1/2 49 1 003610014

### 362

heavy duty pipe wrenches



L mm	Ø max"	Ø max mm	
200	1" gas	34	1 003620020
250	1"1/2 gas	49	1 003620025
300	2" gas	60	1 003620030
350	2" gas	60	1 003620035
450	2"1/2 gas	76	1 003620045
600	3" gas	90	1 003620060
900	5" gas	140	1 003620090

### 362R/...

spare parts kit for item 362

with: fixed jaw, moving jaw; ring nut; lockpin.

362R 200	1 003620220
362R 225	1 003620225
362R 300	1 003620230
362R 350	1 003620235
362R 450	1 003620245
362R 600	1 003620260
362R 900	1 003620290

### 363

heavy duty pipe wrenches made from light alloy



L mm	Ø max"	Ø max mm	
350	2" gas	60	1 003630035
450	2"1/2 gas	76	1 003630045
600	3" gas	90	1 003630060
900	5" gas	140	1 003630090
1200	6" gas	165	1 003630120

### 363R/...

spare parts kit for item 363

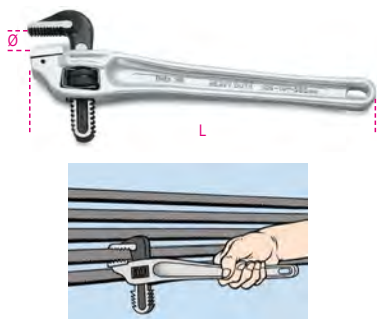
with: fixed jaw; moving jaw; ring nut; lockpin.

363R 350	1 003630235
363R 450	1 003630245
363R 600	1 003630260
363R 900	1 003630290
363R 1200	1 003630320



### 365

heavy duty pipe wrenches,  
offset pattern made from light alloy



L mm	∅ max "	∅ max mm		
350	2" gas	60	1	003650035
450	2 1/2" gas	76	1	003650045

### 365R/...

spare parts kit for item 365  
with: fixed jaw; moving jaw; ring nut; lockpin.

365R 350	1	003650235
365R 450	1	003650245

### 366

pipe wrenches, light pattern



L mm	∅ max "	∅ max mm		
175	1" gas	34	1	003660017
225	1 1/2" gas	49	1	003660022
275	2" gas	60	1	003660027
300	2 1/2" gas	76	1	003660030

### 374

pipe wrenches,  
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max "	∅ max mm		
240	1/2" gas	21	1	003740024
320	1" gas	34	1	003740032
410	1 1/2" gas	49	1	003740041
550	2" gas	60	1	003740055
630	3" gas	90	1	003740063

### 375

pipe wrench, Swedish pattern,  
45° flat jaws



DIN 5234

L mm	∅ max "	∅ max mm		
320	1" gas	34	1	003750032
410	1 1/2" gas	49	1	003750041
550	2" gas	60	1	003750055

### 376

pipe wrenches,  
Swedish pattern, 90° flat jaws



DIN 5234

L mm	∅ max "	∅ max mm		
320	1" gas	34	1	003760032
410	1 1/2" gas	49	1	003760041
550	2" gas	60	1	003760055
630	3" gas	90	1	003760063

### 378

pipe wrenches,  
Swedish pattern, 45° slim jaws



DIN 5234

L mm	∅ max "	∅ max mm		
250	1/2" gas	21	1	003780025
320	1" gas	34	1	003780032
410	1 1/2" gas	49	1	003780041
550	2" gas	60	1	003780055
650	3" gas	90	1	003780065

### 374R/...

complete spare parts kit for items 374 - 375  
- 376 - 378  
with ring nut and ring nut stop

374R 240 x 374/240-378/250	1	003740724
374R 320 x 374/320-376/320-378/320	1	003740732
374R 410 x 374/410-375/410-376/410-378/410	1	003740741
374R 550 x 374/550-376/550-378/550	1	003740755
374R 630 x 374/630-378/650	1	003740763

### 383

reversible strip pipe wrenches



	∅ max "	∅ max mm	L mm		
383/1	3" gas	90	300	1	003830001
383/2	8" gas	220	300	1	003830002

### 383R

spare strips for item 383



	S mm		
383R/1	27	1	003830010
383R/2	27	1	003830015

### 384

reversible chain pipe wrench



	∅ max "	∅ max mm	L mm		
4" gas	115	300	1	003840032	

### 384RC

spare chain for item 384



384RC	1	003840033
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### 386A

heavy duty reversible  
chain pipe wrenches



	∅ max	L mm		
386A/1	4" gas 115 mm	900	1	003860001
386A/2	6" gas 168 mm	900	1	003860002
386A/5	8" gas 220 mm	1100	1	003860005
386A/6	12" gas 324 mm	1300	1	003860006



### 386A/RC

spare chains for item 386A



386A1/RC	1	003860011
386A2/RC	1	003860012
386A5/RC	1	003860015
386A6/RC	1	003860016

### 387

pipe bender for copper and nonferrous metal pipes, with interchangeable forms 3/16"-1/4"-5/16"-3/8"



L mm	∅ mm	
255	3/16"-1/4"-5/16"-3/8"	1 003870001

### 387R

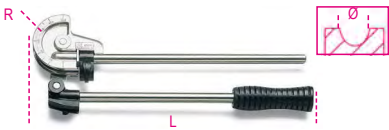
spare forms for item 387



∅ mm	
3/16"-1/4"	1 003870010
5/16"-3/8"	1 003870015

### 388

pipe benders for thin walled copper, light alloy and mild steel pipes



∅ mm	L mm	R mm	
6	305	18,0	1 003880006
8	315	23,5	1 003880008
10	350	31,0	1 003880010
12	360	31,0	1 003880012
15	465	46,5	1 003880015

### 388A

pipe bending pliers for thin walled copper and light alloy pipes



388A/1	∅ mm	L mm	
388A/2	1/4"-5/16"-3/8"	220	1 003880051
			1 003880055

### 388C/C8

pipe bender with 7 forms for thin walled copper and light alloy pipes



388C/C8	∅ mm	
	10-12-14-16-18-20-22	1 003880200
	400x330x110 mm	3,6 kg

### 389/K4

kit of pipe bending springs for copper pipes for external use



∅ mm	L mm	
1/4-3/8-1/2-5/8	290	1 003890001

### 392C

adjustable drain tap pliers



∅ mm	L mm	
25±65	260	1 003920100

### 392RG/C

spare jaw protectors for item 392C, pair



392RG/C		1 003920101
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### 393

water tap wrench



L mm	
270	1 003930001

### 395

hinged water tap wrench



∅ mm	L mm	
15±32 mm	240	1 003950001
5/8"±1"1/4		

### 395T

telescopic hinged water tap wrench



∅ mm	L mm	
10±32 mm	250±430	1 003950100
3/8"±1"1/4		

### 398

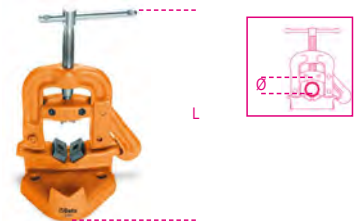
workbench chain vices



∅ mm	L mm	
1/2±8"	250	1 003980008

### 399

pivoting clamp vices



∅ mm	L min mm	
10±60 mm	220	1 003990005
1/8±2"		
10±89 mm	290	1 003990010
1/8±3"		

### 399R/...

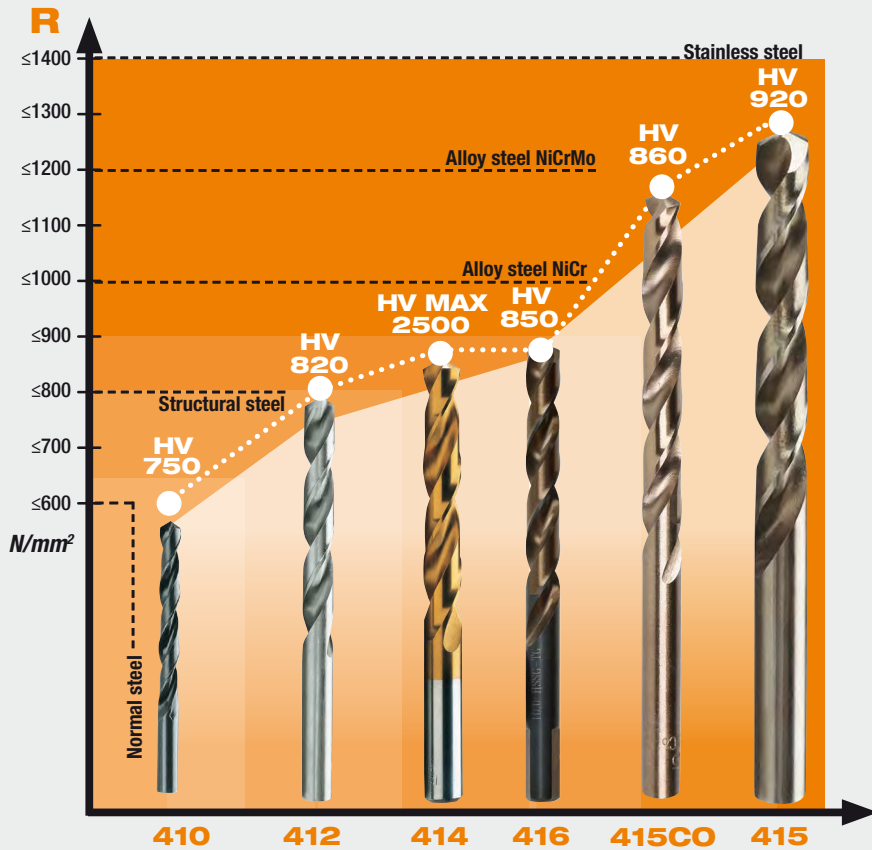
spare kit for item 399 composed of two lower jaws and one upper jaw



399RG 1/8-2"		1 003990105
399RG 1/8-3"		1 003990110



# CHART FOR METAL TWIST DRILLS



**R N/mm<sup>2</sup>** – Mechanical resistance of the material to drill.

**HV** – Twist drill hardness according to the Vickers scale: the higher the value, the higher the hardness of the material.

## GUIDE TO TWIST DRILLS WITH CYLINDRICAL SHANKS

**Rolled twist drills** – Twist drills obtained from a hot-rolling manufacturing process. Good-quality twist drills, for use for light-duty jobs, e.g. drilling of iron, mild steel, light alloys and nonferrous metals in general.

**Ground twist drills** – Twist drills obtained entirely from grinding from a heat-treated steel bar. High-performance twist drills, for drilling steel and light alloys: constant efficiency, excellent chip removal and drilling precision.

**HSS** – High-speed steel, extremely hard, and resistant to high temperatures; the best material for cutting, tapping and threading tools.

**Cobalt (Co)** – A base alloy element, providing steel with improved heat resistance, and decreasing twist drill wear, e.g. at high temperatures. The higher the cobalt content, the better the performance of the tool. The most commonly used alloys have a 5% or 8% cobalt content.

**HSS-Co** – High-speed steel with a 5% or 8% cobalt content.

**TiN** – Ultrathin titanium nitride coating; based on its high hardness and low friction factor, it provides increased resistance to wear and oxidation and improved drilling chip removal.

**Chrome steel** – Tools made from chrome steel are suitable for manual use for threading of iron, light alloys, untreated steel and steel heat-treated at low hardness. They are widely used for cleaning and repairing damaged threads in all professional jobs in general, and in the automotive sector in particular.

**Hard metal** – Material with high wear resistance, used for plates in masonry drill bits.

**118° sharpening** – Standard sharpening angle of twist drills for metal, allowing quick drilling into metals, for easier centring and excellent heat dissipation.

**130° sharpening** – Wide sharpening angle, providing more precision in early drilling operations and requiring less drilling force.

**Double 115°/135° sharpening** – Combined benefits of the two angles, plus chip breaking function; the best choice for long chip materials.

**SDS-Plus** – Quick, safe tang for hammer drills.

## 410

twist drills with cylindrical shanks, short series HSS, rolled

R ≤ 650 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
0,50	22	6	10 004100030
1,00	34	12	10 004100040
1,25	38	16	10 004100043
1,50	40	18	10 004100046
1,75	46	22	10 004100049
2,00	49	24	10 004100052
2,25	53	27	10 004100055
2,50	57	30	10 004100058
2,75	61	33	10 004100061
3,00	61	33	10 004100064
3,20	65	36	10 004100066
3,25	65	36	10 004100067
3,50	70	39	10 004100070
3,75	70	39	10 004100073
4,00	75	43	10 004100076
4,20	75	43	10 004100078
4,25	75	43	10 004100079
4,50	80	47	10 004100082
4,75	80	47	10 004100085
5,00	86	52	10 004100088
5,25	86	52	10 004100091
5,50	93	57	10 004100094
5,75	93	57	10 004100097
6,00	93	57	10 004100100
6,25	101	63	10 004100103
6,50	101	63	10 004100106
6,75	109	69	10 004100109
7,00	109	69	10 004100112
7,50	109	69	10 004100118
8,00	117	75	10 004100124
8,50	117	75	10 004100130
9,00	125	81	5 004100136
9,50	125	81	5 004100142
10,00	133	87	5 004100148
10,50	133	87	5 004100172
11,00	142	94	5 004100184
11,50	142	94	5 004100196
12,00	151	101	5 004100210
12,50	151	101	5 004100222
13,00	151	101	5 004100234
14,00	160	108	5 004100242
15,00	169	114	5 004100250
16,00	178	120	5 004100258
17,00	184	125	3 004100262
18,00	191	130	3 004100266
19,00	198	135	3 004100270
20,00	205	140	3 004100274



<b>410/SP19</b>	Ø 1÷10 x 0,5 mm	1 004100419
<b>410/SPVP1</b>		1 004100421
<b>410/SP25</b>	Ø 1÷13 x 0,5 mm	1 004100425
<b>410/SPVP2</b>		1 004100427



410/SEL19  
Ø 1÷10 x 0,5 mm

1 004100418

### 410MIX/SEL19

set of 13 twist drills, item 410,  
and 6 twist drills with hard metal insets



410MIX/SEL19

1 004100417



Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4  
4,5 - 5 - 5,5 - 6 - 8 - 10 mm

Ø 4 - 5 - 6 - 8 - 9 - 10 mm

### 410A

twist drills with cylindrical shanks,  
short series, HSS, rolled,  
with small tang

R ≤ 650 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
13,50	160	108	5 004100281
14,00	160	108	5 004100283
14,50	169	114	5 004100285
15,00	169	114	5 004100287
15,50	178	120	5 004100289
16,00	178	120	5 004100291
16,50	184	125	3 004100292
17,00	184	125	3 004100293
17,50	191	130	3 004100294
18,00	191	130	3 004100295
18,50	198	135	3 004100296
19,00	198	135	3 004100297
19,50	205	140	3 004100298
20,00	205	140	3 004100299

### 412

twist drills with cylindrical shanks,  
short series HSS entirely ground glossy  
finishing

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
0,50	22	6	10 004120030
1,00	34	12	10 004120040
1,25	38	16	10 004120043
1,50	40	18	10 004120046
1,75	46	22	10 004120049
2,00	49	24	10 004120052
2,25	53	27	10 004120055
2,50	57	30	10 004120058
2,75	61	33	10 004120061
3,00	61	33	10 004120064
3,25	65	36	10 004120067
3,50	70	39	10 004120070
3,75	70	39	10 004120073
4,00	75	43	10 004120076
4,25	75	43	10 004120079
4,50	80	47	10 004120082
4,75	80	47	10 004120085
5,00	86	52	10 004120088
5,25	86	52	10 004120091
5,50	93	57	10 004120094
5,75	93	57	10 004120097
6,00	93	57	10 004120100
6,25	101	63	10 004120103
6,50	101	63	10 004120106
6,75	109	69	10 004120109
7,00	109	69	10 004120112
7,25	109	69	5 004120115
7,50	109	69	5 004120118
7,75	117	75	5 004120121
8,00	117	75	5 004120124
8,25	117	75	5 004120127
8,50	117	75	5 004120130
8,75	125	81	5 004120133
9,00	125	81	5 004120136
9,25	125	81	5 004120139
9,50	125	81	5 004120142
9,75	133	87	5 004120145
10,00	133	87	5 004120148
10,25	133	87	5 004120149
10,50	133	87	5 004120150
10,75	142	94	5 004120151
11,00	142	94	5 004120152
11,25	142	94	5 004120153
11,50	142	94	5 004120154
11,75	142	94	5 004120155
12,00	151	101	5 004120156
12,25	151	101	5 004120157
12,50	151	101	5 004120158
12,75	151	101	5 004120159
13,00	151	101	5 004120160



412/SP19 Ø 1÷10 x 0,5 mm	1 004120419
410/SPVP1	1 004100421
412/SP25 Ø 1÷13 x 0,5 mm	1 004120425
410/SPVP2	1 004100427
412/SP49 Ø 1÷13 x 0,25 mm	1 004120449
412/SPV4	1 004120451

### 412/C150



412/C150 1 004120450

n.  
412 Ø 3 mm 20  
Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm 10  
Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10 mm 5  
365x230x47 mm - 3,3 kg



412/SP91  
Ø 1÷10 x 0,10 mm 1 004120452

### 412A

twist drills with cylindrical shanks,  
short series, HSS,  
entirely ground, burnished,  
with small tang

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
13,50	160	108	3 004120202
14,00	160	108	3 004120204
14,50	169	114	3 004120206
15,00	169	114	3 004120208
15,50	178	120	3 004120210
16,00	178	120	3 004120212
16,50	184	125	1 004120213
17,00	184	125	1 004120214
17,50	191	130	1 004120215
18,00	191	130	1 004120216
18,50	198	135	1 004120217
19,00	198	135	1 004120218
19,50	205	140	1 004120219
20,00	205	140	1 004120220



## 412L

twist drills with cylindrical shanks,  
long series, HSS entirely ground  
burnished

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 340

Ø mm	L mm	L1 mm		
2,00	85	56	10	004120232
2,50	95	62	10	004120234
3,00	100	66	10	004120236
3,50	112	73	10	004120238
4,00	119	78	10	004120240
4,50	126	82	10	004120242
5,00	132	87	10	004120244
5,50	139	91	10	004120246
6,00	139	91	10	004120248
6,50	148	97	5	004120250
7,00	156	102	5	004120252
8,00	165	109	5	004120256
9,00	175	115	5	004120260
10,00	184	121	5	004120264

## 412XL

twist drills with cylindrical shanks,  
extra-long series, HSS,  
entirely ground

R ≤ 800 N/mm<sup>2</sup>  
HV ~ 750÷820



DIN 1869/1

Ø mm	L mm	L1 mm		
3,00	150	100	1	004120520
3,50	165	115	1	004120522
4,00	175	120	1	004120524
4,50	185	125	1	004120526
5,00	195	135	1	004120528
5,50	205	140	1	004120530
6,00	205	140	1	004120532
6,50	215	150	1	004120534
7,00	225	155	1	004120536
7,50	225	155	1	004120538
8,00	240	165	1	004120540
8,50	240	165	1	004120542
9,00	250	175	1	004120544
9,50	250	175	1	004120546
10,00	265	185	1	004120548
10,50	265	185	1	004120550
11,00	280	195	1	004120552
12,00	295	205	1	004120556
13,00	295	205	1	004120560

## 414

twist drills with cylindrical shanks,  
short series, HSS-TiN entirely ground

R ≤ 900 N/mm<sup>2</sup>  
HV 0,05 ~ 2500



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
1,00	34	12	10	004140040
1,25	38	16	10	004140042
1,50	40	18	10	004140046
1,75	46	22	10	004140048
2,00	49	24	10	004140052
2,25	53	27	10	004140054
2,50	57	30	10	004140058
2,75	61	33	10	004140060
3,00	61	33	10	004140064
3,25	65	36	10	004140066
3,50	70	39	10	004140070
3,75	70	39	10	004140072
4,00	75	43	10	004140076
4,25	75	43	10	004140078
4,50	80	47	10	004140082
4,75	80	47	10	004140084
5,00	86	52	10	004140088
5,25	86	52	10	004140090
5,50	93	57	10	004140094
5,75	93	57	10	004140096
6,00	93	57	10	004140100
6,25	101	63	10	004140102
6,50	101	63	10	004140106
6,75	109	69	10	004140108
7,00	109	69	10	004140112
7,25	109	69	5	004140114
7,50	109	69	5	004140118
7,75	117	75	5	004140120
8,00	117	75	5	004140124
8,25	117	75	5	004140125
8,50	117	75	5	004140130
8,75	125	81	5	004140132
9,00	125	81	5	004140136
9,25	125	81	5	004140138
9,50	125	81	5	004140142
9,75	133	87	5	004140144
10,00	133	87	5	004140148
10,50	133	87	5	004140150
11,00	142	94	5	004140152
11,50	142	94	5	004140154
12,00	151	101	5	004140156
12,50	151	101	5	004140158
13,00	151	101	5	004140160



414/SP19	1	004140419
Ø 1÷10 x 0,5 mm		
410/SPVP1	1	004100421
414/SP25	1	004140425
Ø 1÷13 x 0,5 mm		
410/SPVP2	1	004100427
414/SP49	1	004140429
Ø 1÷13 x 0,25 mm		
414/SPV4	1	004140430

## 414/C116



414/C116

1 004140450

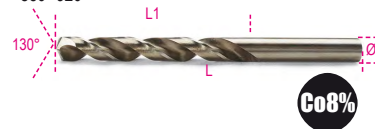
414	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n.
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2

365x230x47 mm - 2,7 Kg

## 415

twist drills with cylindrical shanks,  
short series, HSS-CO 8%  
entirely ground

R ≤ 1400 N/mm<sup>2</sup>  
HV ~ 850÷920



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004150029
1,00	34	12	10	004150040
1,25	38	16	10	004150043
1,50	40	18	10	004150046
1,75	46	22	10	004150049
2,00	49	24	10	004150052
2,25	53	27	10	004150055
2,50	57	30	10	004150058
2,75	61	33	10	004150061
3,00	61	33	10	004150064
3,25	65	36	10	004150067
3,50	70	39	10	004150070
3,75	70	39	10	004150073
4,00	75	43	10	004150076
4,25	75	43	10	004150079
4,50	80	47	10	004150082
4,75	80	47	10	004150085
5,00	86	52	10	004150088
5,25	86	52	10	004150091
5,50	93	57	10	004150094
5,75	93	57	10	004150097
6,00	93	57	10	004150100
6,25	101	63	10	004150103
6,50	101	63	10	004150106
6,75	109	69	10	004150109
7,00	109	69	10	004150112
7,25	109	69	5	004150115
7,50	109	69	5	004150118
7,75	117	75	5	004150121
8,00	117	75	5	004150124
8,25	117	75	5	004150127
8,50	117	75	5	004150130
8,75	125	81	5	004150133
9,00	125	81	5	004150136
9,25	125	81	5	004150139
9,50	125	81	5	004150142
9,75	133	87	5	004150145
10,00	133	87	5	004150148
10,25	133	87	5	004150149
10,50	133	87	5	004150150
10,75	142	94	5	004150151
11,00	142	94	5	004150152
11,25	142	94	5	004150153
11,50	142	94	5	004150154
11,75	142	94	5	004150155



Ø mm	L mm	L1 mm	
12,00	151	101	5 004150156
12,25	151	101	5 004150157
12,50	151	101	5 004150158
12,75	151	101	5 004150159
13,00	151	101	5 004150160
14,00	160	108	3 004150164
15,00	169	114	3 004150168
16,00	178	120	3 004150172
17,00	186	125	1 004150174
18,00	194	130	1 004150176
19,00	202	135	1 004150178
20,00	210	140	1 004150180



**Co8%**

415/SP19	Ø 1÷10 x 0,5 mm	1 004150419
410/SPVP1		1 004100421
415/SP25	Ø 1÷13 x 0,5 mm	1 004150425
410/SPVP2		1 004100427
415/SP49		1 004150431
415/SPV4	Ø 1÷13 x 0,25 mm	1 004150432

## 415/C116



415/C116		1 004150450
415	Ø 1 - 1,5 - 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 mm	n. 10
	Ø 5,5 - 6 - 6,5 - 7 - 7,5 - 8 mm	3
	Ø 8,5 - 9 - 9,5 - 10 mm	2
	365x230x47 mm - 2,7 kg	



415/SP91	Ø 1÷10 x 0,10 mm	1 004150460
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## 415CO

twist drills with cylindrical shanks,  
short series, HSS-CO 5%,  
entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800+860



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
1,00	34	12	10 004150310
1,50	40	18	10 004150312
2,00	49	24	10 004150314
2,50	57	30	10 004150316
3,00	61	33	10 004150320
3,50	70	39	10 004150322
4,00	75	43	10 004150324
4,50	80	47	10 004150326
5,00	86	52	10 004150328
5,50	93	57	10 004150330
6,00	93	57	10 004150332
6,50	101	63	10 004150334
7,00	109	69	10 004150336
7,50	109	69	5 004150338
8,00	117	75	5 004150340
8,50	117	75	5 004150342
9,00	125	81	5 004150344
9,50	125	81	5 004150346
10,00	133	87	5 004150348
10,50	133	87	5 004150350
11,00	142	94	5 004150352
11,50	142	94	5 004150354
12,00	151	101	5 004150356
12,50	151	101	5 004150358
13,00	151	101	5 004150360

## 415CO-A

twist drills with cylindrical shanks,  
short series, HSS-CO 5%,  
entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800+860



DIN 338

Ø mm	L mm	L1 mm	
14,00	160	108	3 004150364
15,00	169	114	3 004150366
16,00	178	120	3 004150368
17,00	184	125	1 004150370
18,00	191	130	1 004150372
19,00	198	135	1 004150374
20,00	205	140	1 004150376



**Co5%**

415CO/SP19	Ø 1÷10 x 0,5 mm	1 004150421
410/SPVP1		1 004100421

## 415L

twist drills with cylindrical shanks,  
long series, HSS-CO 5%,  
entirely ground

R ≤ 1200 N/mm<sup>2</sup>  
HV ~ 800+860



DIN 340

Ø mm	L mm	L1 mm	
3,00	100	66	10 004150236
3,50	112	73	10 004150238
4,00	119	78	10 004150240
4,50	126	82	10 004150242
5,00	132	87	10 004150244
5,50	139	91	10 004150246
6,00	139	91	10 004150248
6,50	148	97	5 004150250
7,00	156	102	5 004150252
8,00	165	109	5 004150256
9,00	175	115	5 004150260
10,00	184	121	5 004150264

## 416

drill with cylindrical shank, HSS-G, specially  
ground,  
with two cutter pairs

R ≤ 900 N/mm<sup>2</sup>  
HV ~ 820+850



DIN 338 ISO 235

Ø mm	L mm	L1 mm	
1,00	34	12	10 004160010
1,50	40	18	10 004160015
2,00	49	24	10 004160020
2,50	57	30	10 004160025
3,00	61	33	10 004160030
3,50	70	39	10 004160035
4,00	75	43	10 004160040
4,50	80	47	10 004160045
5,00	86	52	10 004160050
5,50	93	57	10 004160055
6,00	93	57	10 004160060
6,50	101	63	10 004160065
7,00	109	69	10 004160070
7,50	109	69	5 004160075
8,00	117	75	5 004160080
8,50	117	75	5 004160085
9,00	125	81	5 004160090
9,50	125	81	5 004160095
10,00	133	87	5 004160100



416/SP19	Ø 1÷10 x 0,5 mm	1 004160419
410/SPVP1		1 004100421

## 416P/SP19

set of 19 twist drills with cylindrical shanks, made from HSS, AISI M2, with smaller drill for high-precision centring

ø 1=10 x 0,5 mm  
HIGHER DRILLING SPEED  
R ≤ 900 N/mm<sup>2</sup>  
HV ~ 820=850

HIGHER DRILLING SPEED



416P/SP19  
ø 1=10 x 0,5 mm  
115x170x40 mm

1 004160469

## 417

helical cylindrical masonry drill bits, short series, made from milled steel with hard metal plates



DIN 8039

ø mm	L mm	
3	70	10 004170003
4	75	10 004170004
5	85	10 004170005
5L	150	5 004170105
6	100	10 004170007
6L	150	5 004170106
7	120	10 004170009
8	120	10 004170010
8L	200	5 004170113
9	120	10 004170011
10	120	10 004170012
10L	200	5 004170120
12	150	10 004170014
12L	200	5 004170125
14	150	5 004170016
16	150	5 004170018



417/SP8  
ø 3-4-5-6-8-9-10-12 mm

1 004170100

## 418/K3

kit of masonry chisels with SDS-plus connection  
kit of masonry chisels with SDS-plus connection



L mm	A mm	A1 mm	
250	20	40	1 004180103

## 419

hammer drill bits with milled shanks and hard metal plates  
HVA~ 1650



ø mm	L mm	
4	110	10 004190002
5	110	10 004190004
5	160	10 004190006
6	110	10 004190012
6	160	10 004190014
6	210	10 004190016
7	160	10 004190028
8	110	10 004190030
8	160	10 004190032
8	210	10 004190034
8	260	10 004190036
8	310	10 004190038
8	460	10 004190042
9	160	5 004190044
10	160	5 004190050
10	210	5 004190052
10	260	5 004190054
10	310	5 004190056
10	460	5 004190060
12	160	5 004190064
12	210	5 004190066
12	260	5 004190068
12	460	5 004190074
14	160	3 004190086
14	260	3 004190090
14	310	3 004190092
14	460	3 004190096
16	210	3 004190112
16	260	3 004190114
16	310	3 004190116
16	460	3 004190120
18	260	1 004190124
20	310	1 004190128



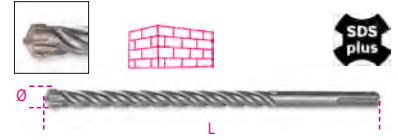
419/SP7  
ø 5 - 6 - 8 x 110 mm  
ø 6 - 8 - 10 - 12 x 160 mm

1 004190507

## 419T

hammer drill bits with milled shanks, 4 spirals and 4 cutters

HVA~ 1650



ø mm	L mm	
5	110	5 004190604
5	160	5 004190606
6	110	5 004190612
6	160	5 004190614
6	210	5 004190616
7	160	5 004190628
8	110	5 004190630
8	160	5 004190632
8	210	5 004190634
8	260	5 004190636
8	310	5 004190638
9	160	3 004190644
10	160	3 004190650
10	210	3 004190652
10	260	3 004190654
10	310	3 004190656
10	460	3 004190660
12	160	3 004190664
12	210	3 004190666
12	260	3 004190668
12	460	3 004190674
14	160	2 004190686
14	260	2 004190690
14	310	2 004190692
14	460	2 004190696
16	210	2 004190712
16	260	2 004190714
16	310	2 004190716
16	460	2 004190720
18	260	1 004190724
20	310	1 004190728

## 420D/SP8

set of 8 twist drills with cylindrical shanks, for wood, short series, 2 cutters, centre guide drill bits



420D/SP8  
ø 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm

1 004200200



## 421

countersinks with guide pins,  
fine grade,  
made of HSS



DIN 373

M	L mm	Ø mm	D1 mm	D mm	
3	71	6	3,2	5	1 004210003
4	71	8	4,3	5	1 004210004
5	80	10	5,3	8	1 004210005
6	80	11	6,4	8	1 004210006
8	100	15	8,4	12,5	1 004210008
10	100	18	10,5	12,5	1 004210010
12	100	20	13,0	12,5	1 004210012



421/SP6	1 004210019
M 3-4-5-6-8-10	
421/SPV	1 004210020

## 422

ground centre drill bits,  
60° countersink angle,  
made of HSS

• For quick, safe centre holes



DIN 333/A

Ø mm	D mm	L mm	
1,60	4,0	35,5	1 004220116
2,50	6,3	45,0	1 004220125
3,15	8,0	50,0	1 004220131

## 423CO

special end mills  
for spot welding,  
HSS-CO 5%,  
ground



Ø mm	L mm	
6	66	5 004230106
7	74	5 004230107
8	80	5 004230108
10	89	5 004230110

## 423A-CO

special mills for  
spot welding,  
HSS-CO 5%,  
ground

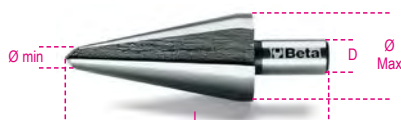


DIN 1412/E

Ø mm	L mm	
6,5	40	1 004230115
8,0	40	1 004230120

## 424

conical drill bits, HSS



	L mm	Ø mm	D mm	
424/1	58	3÷14	6	2 004240001
424/2	71	4÷20	8	2 004240002
424/3	76	16÷30,5	9	2 004240003
424/4	79	5÷22,5	8	1 004240004
424/5	103	5÷31	9	1 004240005
424/6	89	24÷40	10	1 004240006
424/7	97	36÷50	12	1 004240007
424/8	103	40÷61	13	1 004240008



424/SP3	1 004240019
424/1+424/2+424/3	
Ø 3÷30,5 mm	
424/SPV	1 004240020

## 425

stepped drills, HSS



	L mm	Ø mm	S mm	D mm	
425/1	70	4÷12	1	6	2 004250010
425/2	55	4÷12	2	6	2 004250012
425/3	85	4÷20	2	10	2 004250015
425/4	85	12÷20	1	10	1 004250016
425/5	97	20÷30	1	10	1 004250017
425/6	75	4÷30	2	10	1 004250020
425/7	97	30÷40	1	13	1 004250025
425/8	100	40÷50	1	13	1 004250029



425/SP3	1 004250030
425/1+425/3+425/6	
Ø 4÷30 mm	
425/SPV	1 004250035

## 426

countersinking cutters  
with three cutters,  
HSS



DIN 335-C

GR	Ø mm	L mm	Ø1 mm	
1	4,3	40	4	3 004260001
2	5,3	40	4	3 004260002
3	6,3	45	5	3 004260003
4	7,3	50	6	3 004260004
5	8,3	50	6	3 004260005
6	9,4	50	6	3 004260006
7	10,4	50	6	3 004260007
8	12,4	56	8	3 004260008
9	15,0	60	10	3 004260009
10	16,5	60	10	3 004260010
11	20,5	63	10	3 004260011
12	25,0	67	10	3 004260012
13	28,0	71	12	3 004260013
14	31,0	71	12	3 004260014



DIN 335-C

426/SP6	1 004260030
GR 3-5-7-8-10-11	
Ø 6,3÷20,5 mm	
426/SPV	1 004260035



## 426A/SP6

set of 6 countersinking cutters, with three asymmetric spiral cutters, made from HSS

Ø 6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5 mm

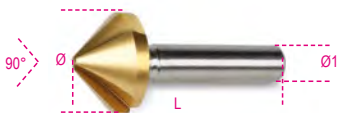


426A/SP6  
Ø 6,3-8,3-10,4-12,4-16,5-20,5 mm  
100x145x40 mm

1 004260060

## 426T

countersinking cutters with three cutters, HSS + TiN



DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
1	4,3	44	4	3	004260061
2	5,3	44	4	3	004260062
3	6,3	44	5	3	004260063
4	7,3	44	6	3	004260064
5	8,3	50	6	3	004260065
6	9,4	50	6	3	004260066
7	10,4	54	6	3	004260067
8	12,4	54	8	3	004260068
9	15,0	56	10	3	004260069
10	16,5	60	10	3	004260070
11	20,5	63	10	3	004260071
12	25,0	66	10	3	004260072
13	28,0	71	12	3	004260073
14	31,0	71	12	3	004260074



DIN 335-C

426T/SP6  
GR 3-5-7-8-10-11  
Ø 6,3=20,5 mm  
426/SPV

1 004260080

1 004260035

## 426SB

countersinking cutters, HSS



	GR	Ø Min mm	Ø Max mm	Ø2 mm	L mm		
	426/SB1	1	2÷5	6	45	1	004260101
	426/SB2	2	5÷10	8	48	1	004260102
	426/SB3	3	10÷15	10	65	1	004260103
	426/SB4	4	15÷20	12	85	1	004260104
	426/SB5	5	20÷25	12	102	1	004260105



426SB/SP4  
426/SB1-426/SB2  
426/SB3-426/SB4  
Ø 2÷20 mm  
426SB/SPV1

1 004260130

1 004260135

## 426MD-3/CP3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,1 Ø mm 3

1 004260332

## 426MD-3/CT3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



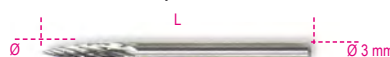
L mm 37,8 Ø mm 3

1 004260333

## 426MD-3/F3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,3 Ø mm 3

1 004260334

## 426MD-3/FA3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,2 Ø mm 3

1 004260339

## 426MD-3/OG3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,1 Ø mm 3

1 004260337

## 426MD-3/OV3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,2 Ø mm 3

1 004260331

## 426MD-3/S3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,0 Ø mm 3

1 004260338

## 426MD-3/T3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,3 Ø mm 3

1 004260336

## 426MD-3/TA3

mini rotary cutters made from hard metal

• Smooth cross cut with chip breaker



L mm 38,3 Ø mm 3

1 004260335



### 426MD-3/A9

426MD-3/OV3 - 426MD-3/CP3  
426MD-3/CT3 - 426MD-3/F3  
426MD-3/TA3 - 426MD-3/T3  
426MD-3/OG3 - 426MD-3/S3  
426MD-3/FA3

1 004260349

### 426MD/CP

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260532
63	8	1 004260512
63	9,5	1 004260542
69	12	1 004260522
69	16	1 004260552

### 426MD/CT

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260533
63	8	1 004260513
63	9,5	1 004260543
69	12	1 004260523
69	16	1 004260553

### 426MD/F

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260534
63	8	1 004260514
63	9,5	1 004260544
69	12	1 004260524
69	16	1 004260554

### 426MD/FA

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260539
63	8	1 004260519
63	9,5	1 004260549
69	12	1 004260529
69	16	1 004260559

### 426MD/OG

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260537
63	8	1 004260517
70	10	1 004260547
76	12	1 004260527
81	16	1 004260557

### 426MD/OV

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260531
61	9,5	1 004260541
67	12	1 004260521
69	16	1 004260551

### 426MD/S

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260538
51	8	1 004260518
53	9,5	1 004260548
56	12	1 004260528
59	16	1 004260558

### 426MD/T

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260536
63	8	1 004260516
63	9,5	1 004260546
69	12	1 004260526
70	16	1 004260556

### 426MD/TA

rotary files, made from hard metal

cross cut HM4



L mm	Ø mm	
50	6	1 004260535
67	8	1 004260515
72	9,5	1 004260545
73	12	1 004260525
78	16	1 004260555



### 426MD/SP10

426MD/CP-426MD/CT-426MD/F  
426MD/T-426MD/S  
Ø 8-12 mm

1 004260510

### 427

morse taper extractors

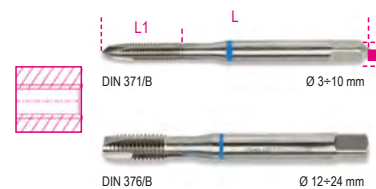


DIN 317

GR	L mm	A mm	
0	92	13	3 004270000
1-2	140	19	3 004270002
3	190	25	3 004270003
4	225	30	3 004270004
5-6	260	35	3 004270006

### 428FP

machine taps for clearance holes,  
coarse pitch threads, HSS



ISO 529

M	mm	L mm	L1 mm	
3x0,5	2,7	56	11	10 004280003
4x0,7	3,4	63	13	10 004280004
5x0,8	4,9	70	16	10 004280005
6x1	4,9	80	19	10 004280006
8x1,25	6,2	90	22	10 004280008
10x1,5	8,0	100	24	10 004280010
12x1,75	7,0	110	28	5 004280012
14x2	9,0	110	30	5 004280014
16x2	9,0	110	32	5 004280016
18x2,5	11,0	125	34	3 004280018
20x2,5	12,0	140	34	3 004280020
22x2,5	14,5	140	34	3 004280022
24x3	14,5	160	38	3 004280024

## 428FP/C7

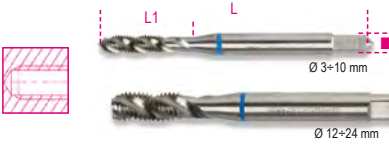
assortment of  
7 machine taps 428FP,  
made from HSS



428FP/C7	1	004280203
428FP M3÷12		
428F/SPV	1	004280205

## 428FC

machine taps for blind holes,  
coarse pitch threads, HSS



ISO 529

M	mm	L	L1		
3x0,5	2,7	56	11	10	004280103
4x0,7	3,4	63	13	10	004280104
5x0,8	4,9	70	16	10	004280105
6x1	4,9	80	19	10	004280106
8x1,25	6,2	90	22	10	004280108
10x1,5	8,0	100	24	10	004280110
12x1,75	7,0	110	28	5	004280112
14x2	9,0	110	30	5	004280114
16x2	9,0	110	32	5	004280116
18x2,5	11,0	125	34	3	004280118
20x2,5	12,0	140	34	3	004280120
22x2,5	14,5	140	34	3	004280122
24x3	14,5	160	38	3	004280124

## 428FC/C7

assortment of  
7 machine taps  
428FC,  
made from HSS



428FC/C7	1	004280204
428FC M3÷12		
428F/SPV	1	004280205

## 429FP

machine taps for clearance holes,  
coarse pitch threads HSS-CO 5%



ISO 529

M	mm	L	L1		
3x0,5	2,7	56	11	5	004290003
4x0,7	3,4	63	13	5	004290004
5x0,8	4,9	70	16	5	004290005
6x1	4,9	80	19	5	004290006
8x1,25	6,2	90	22	5	004290008
10x1,5	8,0	100	24	5	004290010
12x1,75	7,0	110	28	5	004290012
14x2	9,0	110	30	5	004290014

## 429FP/C7

assortment of  
7 machine taps 429FP,  
made from HSS-CO 5%



429FP/C7	1	004290203
429FP M3÷12		
428F/SPV	1	004280205

## 429FC

machine taps for blind holes,  
coarse pitch threads HSS-CO 5%



ISO 529

M	mm	L	L1		
3x0,5	2,7	56	11	5	004290103
4x0,7	3,4	63	13	5	004290104
5x0,8	4,9	70	16	5	004290105
6x1	4,9	80	19	5	004290106
8x1,25	6,3	90	22	5	004290108
10x1,5	8,0	100	24	5	004290110
12x1,75	7,0	110	28	5	004290112
14x2	9,0	110	30	5	004290114

## 429FC/C7

assortment of  
7 machine taps 429FC,  
made from HSS-CO 5%



429FC/C7	1	004290204
429FC M3÷12		
428F/SPV	1	004280205

## 430

hand taps, **coarse pitch**, metric thread  
made from chrome-steel



DIN 352 UNI 4535

M	mm	L	L1		
2x0,4	2,5	36	11	5	004300002
3x0,5	2,5	40	12	5	004300003
4x0,7	3,0	45	14	5	004300004
5x0,8	4,0	48	16	5	004300005
6x1	5,0	50	18	5	004300006
7x1	4,5	50	18	5	004300007
8x1,25	5,0	56	22	3	004300008
9x1,25	5,5	63	22	3	004300009
10x1,5	6,0	70	25	3	004300010
11x1,5	7,0	70	25	3	004300011
12x1,75	7,0	75	30	3	004300012
14x2	8,0	80	32	3	004300014
16x2	10,0	80	32	3	004300016
18x2,5	11,0	95	40	1	004300018
20x2,5	12,0	95	40	1	004300020
22x2,5	14,5	100	40	1	004300022
24x3	14,5	110	50	1	004300024



430/SP21	1	004300201
M 3-4-5-6-8-10-12		
430/SPV	1	004300202

## 430ASW

hand taps, Whitworth thread  
made from chrome-steel



DIN 352

BSW	mm	L	L1		
1/8x40	2,7	40	12	5	004300031
5/32x32	3,4	45	14	5	004300032
3/16x24	4,3	48	18	5	004300033
1/4x20	4,9	50	22	5	004300034
5/16x18	4,9	56	25	3	004300035
3/8x16	5,5	70	28	3	004300036
7/16x14	6,2	70	30	3	004300037
1/2x12	7,0	75	32	3	004300038
9/16x12	9,0	80	32	1	004300039
5/8x11	9,0	80	38	1	004300040
3/4x10	11,0	95	40	1	004300041
7/8x9	14,5	100	40	1	004300042
1"x8	16,0	110	50	1	004300043

## 430ASC

hand taps, UNC thread  
made from chrome-steel



ANSI B1.1

UNC	mm	L	L1		
1/4x20	4,9	70	30	5	004300051
5/16x18	4,9	70	30	5	004300052
3/8x16	5,5	75	35	3	004300053
7/16x14	6,2	80	40	3	004300054
1/2x13	7,0	85	45	3	004300055
9/16x12	9,0	90	45	3	004300056
5/8x11	9,0	100	47	3	004300057
3/4x10	11,0	110	50	3	004300058
7/8x9	14,5	120	60	1	004300059
1"x8	16,0	130	60	1	004300060

## 431

hand taps, coarse pitch,  
metric thread HSS



DIN 352 UNI 4535

M	mm	L	L1		
3x0,5	2,5	40	10	5	004310003
4x0,7	3,3	45	12	5	004310004
5x0,8	4,2	50	13	5	004310005
6x1	5,0	56	15	5	004310006
7x1	6,0	56	16	5	004310007

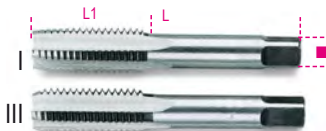
M	mm	L	L1		
8x1,25	6,8	56	18	3	004310008
10x1,5	8,5	70	24	3	004310010
12x1,75	10,2	75	29	3	004310012
14x2	12,0	80	30	1	004310014
16x2	14,0	80	32	1	004310016
18x2,5	15,5	95	40	1	004310018
20x2,5	17,5	95	40	1	004310020
22x2,5	19,5	100	40	1	004310022
24x3	21	110	45	1	004310024



431/SP21	1	004310201
M 3-4-5-6-8-10-12		
431/SPV	1	004310202

## 433

hand taps, fine pitch, metric thread  
made from chrome-steel



DIN 2181 UNI 4535

M	mm	L	L1		
6x0,75	4,5	48	16	5	004330201
7x0,75	4,5	56	18	5	004330202
8x0,75	5,0	50	16	5	004330203
8x1	5,0	56	16	5	004330204
9x0,75	6,0	63	22	5	004330205
9x1	6,0	63	22	5	004330206
10x0,75	6,5	63	18	5	004330207
10x1	6,5	63	18	5	004330208
10x1,25	6,5	63	18	5	004330209
11x0,75	7,0	70	25	3	004330210
11x1	7,0	70	25	3	004330211
11x1,25	7,0	70	25	3	004330212
12x0,75	7,0	70	20	3	004330213
12x1	7,0	70	20	3	004330214
12x1,25	7,0	70	20	3	004330215
12x1,5	7,0	70	20	3	004330216
14x1	8,0	80	32	1	004330217
14x1,25	8,0	80	32	1	004330218
14x1,5	8,0	80	32	1	004330219
16x1	10,0	80	32	1	004330220
16x1,5	10,0	80	32	1	004330221
18x1,5	11,0	95	40	1	004330222
18x2	11,0	80	25	1	004330223
20x1,5	14,5	80	22	1	004330224
22x1,5	14,5	80	22	1	004330225
24x1,5	14,5	80	22	1	004330226
24x2	14,5	80	22	1	004330227



## 433ASF

hand taps, fine pitch, UNF thread  
made from chrome-steel



ANSI B1.1

UNF	mm	L	L1		
1/4x28	4,9	70	30	5	004330301
5/16x24	4,9	70	30	5	004330302
3/8x24	5,5	75	35	3	004330303
7/16x20	6,2	80	40	3	004330304
1/2x20	7,0	85	45	3	004330305
9/16x18	9,0	90	45	3	004330306
5/8x18	9,0	100	47	3	004330307
3/4x16	11,0	110	50	3	004330308
7/8x14	14,5	120	60	1	004330309
1"x12	16,0	130	60	1	004330310

## 433ASG

hand taps, cylindrical GAS (BSP) thread  
made from chrome-steel

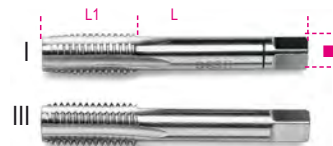


DIN 5157

GAS	mm	L	L1		
1/8x28	5,5	65	18	1	004330401
1/4x19	9,0	70	24	1	004330402
3/8x19	9,0	75	25	1	004330403
1/2x14	12,0	80	31	1	004330405
3/4x14	16,0	90	33	1	004330408
1"x11	20,0	100	39	1	004330410

## 434

hand taps, fine pitch, metric thread HSS



DIN 2181 UNI 4535

M	mm	L	L1		
6x0,75	5,2	50	15	5	004340001
8x0,75	7,2	56	18	5	004340003
8x1	7,0	56	18	5	004340004
10x0,75	9,2	63	20	5	004340007
10x1	9,0	63	18	5	004340008
10x1,25	8,7	70	24	5	004340009
12x1	11,0	70	20	3	004340014
12x1,25	10,7	70	20	3	004340015
12x1,5	10,5	70	20	3	004340016
13x1,5	11,5	70	22	1	004340017
14x1	13,0	70	20	1	004340018
14x1,25	12,7	70	20	1	004340019
14x1,5	12,5	70	20	1	004340020
15x1,5	13,5	70	22	1	004340021
16x1	15,0	70	20	1	004340022
16x1,5	14,5	70	20	1	004340023
18x1,5	16,5	80	22	1	004340024
18x2	16,0	80	22	1	004340025
20x1,25	18,8	80	22	1	004340026
20x1,5	18,5	80	22	1	004340027
20x2	18,0	80	22	1	004340028
22x1,5	20,5	80	22	1	004340029
24x1	23,0	90	22	1	004340030
24x1,5	22,5	90	22	1	004340031
24x2	22,0	90	22	1	004340032

## 435

adjustable tap wrenches, steel body



DIN 1814

	□ mm	L mm		
435/0	2÷5 M1÷M8	170	3	004350007
435/1	2÷6 M1÷M10	200	2	004350009
435/1,5	2,5÷6 M1÷M12	200	2	004350011
435/2	3÷7 M4÷M12	260	2	004350013
435/3	4÷12 M5÷M20	345	1	004350020
435/4	5,5÷16 M11÷M27	430	1	004350027
435/5	7÷18 M13÷M32	770	1	004350032

## 435G

adjustable tap wrenches, light alloy body

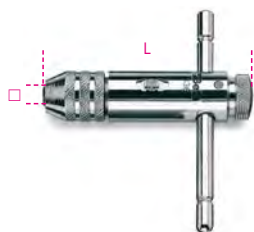


DIN 1814

	□ mm	L mm		
435G/0	2÷5 M1÷M8	130	5	004350108
435G/1	2÷6 M1÷M10	190	5	004350110
435G/1,5	2÷7 M2÷M12	175	5	004350112
435G/2	3,4÷7 M4÷M12	280	5	004350114
435G/3	4,9÷12 M5÷M20	380	2	004350121
435G/4	7÷16 M11÷M27	500	2	004350127
435G/5	7÷18 M13÷M32	700	1	004350132
435G/6	11÷24 M18÷M42	800	1	004350142

## 436

reversible ratcheting tap wrenches



	□ mm	L mm		
436/1	2÷5 M3÷M8	85	5	004360002
436/2	4,6÷8 M5÷M12	110	5	004360004

## 436L

reversible ratcheting tap wrenches, long series



	□ mm	L mm		
436L/1	2÷5 M3÷M8	245	2	004360012
436L/2	4,6÷8 M5÷M12	295	2	004360014

## 436R

spare clamps for items 436 and 436L

436R/1	1	004360022
436R/2	1	004360024

## 437P

thread dresser, for repairing internal and external, right-hand and left-hand threads

P 0.80÷3.00 mm



L mm	230	1	004370003
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## 437C

set for repairing damaged spark plug threads, M14x1.25 mm

• Helicoids height: 8.40 - 12.40 - 16.40 mm (5 pcs/size)



437C	1	004370100
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## 437C/...

stainless steel helicoids for item 437C



H mm		
8.4	1	004370108
12.4	1	004370112
16.4	1	004370116

## 437C/RM14

male thread for spark plugs M14x1.25



437C/RM14	1	004370124
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## 437K/9

tool assortment for repairing male and female threads, wheel fixing screws

allows original thread to be rectified and dressed

Kit contents:

- Taps:  
M12x1.25 - M12x1.5 - M12x1.75 - M14x1.5
- Dies:  
M12x1.25 - M12x1.5 - M14x1.5



∅ 12 - 24 mm

437K/9	1	004370029
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161x123x50 mm

## 437K/12

tool assortment for repairing axle shaft threads

allows original thread to be rectified and dressed

Kit contents:

- Metric sizes:  
M16x1.0 - M16x1.5 - M20x1.0 - M20x1.5 - M22x1.5 - M24x1.5 - M24x2.0 - M27x2.0
- Inch sizes:  
3/4x16 - 3/4x20 - 13/16x20 - 27/32x20



∅ 32 - 35 mm

437K/12	1	004370032
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220x118x52 mm



# Beta

## 437K/33

tool assortment for repairing damaged spark plug threads

Bushes:  
M8x1.0 - M10x1.0 - M10x1.25 - M12x1.25  
Taps:  
M8x1.0 - M10x1.0 - M10x1.25 - M12x1.0 - M12x1.25 - M14x1.25



437K/33 1 004370133  
210x150x50 mm

## 437U/09

assortment for repairing damaged threads  
M5-M6-M8-M10-M12



25 x M5, M6, M8, M10  
10 x M12

437U/09 1 004370550  
370x230x55 mm - 2 Kg

## 437U/E-M...

stainless steel helicoids



M	H mm	
M5	7.5	1 004370555
M6	9	1 004370556
M8	12	1 004370558
M10	15	1 004370560
M12	18	1 004370562

## 437U/PM

bits and taps for item 437U/09



M5	1 004370565
M6	1 004370566
M8	1 004370568
M10	1 004370570
M12	1 004370572

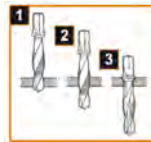
## 438A

set of bits for drilling, threading and countersinking; HSS

- M3 - M4 - M5 - M6 - M8 - M10
- With magnetic bit holder



1/4  
S MAX mm = Ø mm



438A 1 004380010

## 438...

bits for drilling, threading and countersinking

HSS, 1/4" drive

1/4



M	S max mm	
M3	3	2 004380103
M4	4	2 004380104
M5	5	2 004380105
M6	6	2 004380106
M8	8	2 004380108
M10	10	2 004380110

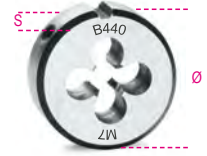


# Beta

## 440

round dies, coarse pitch, metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	
2x0,4	25,4 x 9	5 004400002
3x0,5	25,4 x 9	5 004400003
4x0,7	25,4 x 9	5 004400004
5x0,8	25,4 x 9	5 004400005
6x1	25,4 x 9	5 004400006
7x1	25,4 x 9	5 004400007
8x1,25	25,4 x 9	5 004400008
9x1,25	25,4 x 9	5 004400009
10x1,5	25,4 x 9	5 004400010
12x1,75	25,4 x 9	5 004400012

## 440A

round dies, coarse pitch, metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	
10x1,5	38,1 x 14	3 004400110
11x1,5	38,1 x 14	3 004400111
12x1,75	38,1 x 14	3 004400112
14x2	38,1 x 14	3 004400114
16x2	38,1 x 14	3 004400116
18x2,5	38,1 x 14	3 004400118
20x2,5	38,1 x 14	3 004400120

## 440B

round dies, coarse pitch, metric thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	
18x2,5	50,8 x 16	3 004400122
20x2,5	50,8 x 16	3 004400124
22x2,5	50,8 x 16	3 004400126
24x3	50,8 x 16	3 004400128

## 440ASW

round dies, **Whitworth** thread  
made from chrome-steel  
R ≤ 600 N/mm<sup>2</sup>



UNI EN 22568  
DIN 223

BSW	Ø x S mm	UN	IT
1/8x40	25,4 x 9	5	004400201
5/32x32	25,4 x 9	5	004400202
3/16x24	25,4 x 9	5	004400203
1/4x20	25,4 x 9	5	004400204
5/16x18	25,4 x 9	5	004400205
3/8x16	38,1 x 14	3	004400206
7/16x14	38,1 x 14	3	004400207
1/2x12	38,1 x 14	3	004400208
9/16x12	38,1 x 14	3	004400209
5/8x11	50,8 x 16	3	004400210
3/4x10	50,8 x 16	3	004400211
7/8x9	50,8 x 16	3	004400212
1"x8	50,8 x 16	3	004400213

## 440ASC

round dies, **coarse pitch**,  
UNC thread made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>

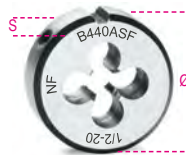


UNI EN 22568  
DIN 223

UNC	Ø x S mm	UN	IT
1/4x20	25,4 x 9	5	004400221
5/16x18	25,4 x 9	5	004400222
3/8x16	38,1 x 14	3	004400223
7/16x14	38,1 x 14	3	004400224
1/2x13	38,1 x 14	3	004400225
9/16x12	38,1 x 14	3	004400226
5/8x11	50,8 x 16	3	004400227
3/4x10	50,8 x 16	3	004400228
7/8x9	50,8 x 16	3	004400229
1"x8	50,8 x 16	3	004400230

## 440ASF

round dies, **fine pitch**,  
UNF thread made from chrome-steel



UNI EN 2258  
DIN 223

UNF	Ø x S mm	UN	IT
1/4x28	25,4 x 9	5	004400241
5/16x24	25,4 x 9	5	004400242
3/8x24	38,1 x 14	3	004400243
7/16x20	38,1 x 14	3	004400244
1/2x20	38,1 x 14	3	004400245
9/16x18	38,1 x 14	3	004400246
5/8x18	50,8 x 16	3	004400247
3/4x16	50,8 x 16	3	004400248
7/8x14	50,8 x 16	3	004400249
1"x12	50,8 x 16	3	004400250

## 440ASG

round dies, cylindrical **GAS** (BSP) thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>



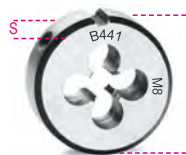
UNI EN 24231  
DIN 223

GAS	Ø x S mm	UN	IT
1/8x28	38,1 x 14	3	004400255
1/4x19	38,1 x 14	3	004400256
3/8x19	38,1 x 14	3	004400257
1/2x14	50,8 x 16	3	004400259
3/4x14	50,8 x 16	3	004400260
1"x11	63,5 x 19	3	004400261

## 441

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	UN	IT
6x0,75	25,4 x 9	5	004410004
7x0,75	25,4 x 9	5	004410005
8x0,75	25,4 x 9	5	004410006
8x1	25,4 x 9	5	004410007
9x0,75	25,4 x 9	5	004410008
9x1	25,4 x 9	5	004410009

## 441A

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	UN	IT
10x0,75	38,1 x 14	3	004410100
10x1	38,1 x 14	3	004410101
10x1,25	38,1 x 14	3	004410102
11x0,75	38,1 x 14	3	004410103
11x1	38,1 x 14	3	004410104
11x1,25	38,1 x 14	3	004410105
12x0,75	38,1 x 14	3	004410106
12x1	38,1 x 14	3	004410107
12x1,25	38,1 x 14	3	004410108
12x1,5	38,1 x 14	3	004410109
14x1	38,1 x 14	3	004410110
14x1,25	38,1 x 14	3	004410111
14x1,5	38,1 x 14	3	004410112
16x1	38,1 x 14	3	004410113
16x1,5	38,1 x 14	3	004410114
18x1,5	38,1 x 14	3	004410115

## 441B

round dies, **fine pitch**, metric thread  
made from chrome-steel

R ≤ 600 N/mm<sup>2</sup>  
HRC || 60+61



UNI 4535  
DIN 223

M	Ø x S mm	UN	IT
18x1,5	50,8 x 16	3	004410117
18x2	50,8 x 16	3	004410118
20x1,5	50,8 x 16	3	004410119
22x1,5	50,8 x 16	3	004410120
24x1,5	50,8 x 16	3	004410121
24x2	50,8 x 16	3	004410122





## 442

round dies, **coarse pitch**, metric thread HSS

HRC 62+63  
AISI M2



UNI EN 22568  
DIN 223

M	ØxS mm		
3x0,5	20x5	3	004420003
4x0,7	20x5	3	004420004
5x0,8	20x7	3	004420005
6x1	20x7	3	004420006
7x1	25x9	3	004420007
8x1,25	25x9	3	004420008
10x1,5	30x11	3	004420010
12x1,75	38x14	3	004420012
14x2	38x14	1	004420014
16x2	45x18	1	004420016
18x2,5	45x18	1	004420018
20x2,5	45x18	1	004420020

## 443

round dies, **fine pitch**, metric thread HSS

HRC 62+63  
AISI M2



UNI EN 22568  
DIN 223

M	ØxS mm		
6x0,75	20x7	1	004430107
8x0,75	25x9	1	004430110
8x1	25x9	1	004430111
10x0,75	30x11	1	004430113
10x1	30x11	1	004430114
10x1,25	30x11	1	004430115
12x1	38x10	1	004430116
12x1,25	38x10	1	004430117
12x1,5	38x10	1	004430118
13x1,5	38x10	1	004430119
14x1	38x10	1	004430120
14x1,25	38x10	1	004430121
14x1,5	38x10	1	004430122
15x1,5	38x10	1	004430123
16x1	45x14	1	004430124
16x1,5	45x14	1	004430125
18x1,5	45x14	1	004430127
20x1,25	45x14	1	004430129
20x1,5	45x14	1	004430130
20x2	45x14	1	004430131
22x1,5	55x16	1	004430132
24x1	55x16	1	004430133
24x1,5	55x16	1	004430135
24x2	55x16	1	004430136

## 444

die stocks, steel body



UNI EN 22568  
DIN 225

	Ø mm	L mm		
444	20x5	190	5	004440005
444/0	20x7	190	5	004440007
444/1	25,4x9,5	210	5	004440025
444/1A	25x9	215	5	004440027
444/1B	30x11	250	5	004440030
444/C	38x10	310	3	004440033
444/1C	38x14	310	3	004440035
444/2	38,1x12,7	300	3	004440038
444/1D	45x14	445	1	004440045
444/2D	45x18	445	1	004440046
444/3	50,8x15,9	520	1	004440050
444/4	55x16	495	1	004440055
444/5A	63,5x19	520	1	004440057

## 444G

die stocks, light alloy body



UNI EN 22568  
DIN 225

	Ø mm	L mm		
444G/A	16x5	160	5	004440103
444G	20x5	185	5	004440105
444G/0	20x7	185	5	004440107
444G/1	25,4x9,5	215	5	004440125
444G/1A	25x9	215	5	004440127
444G/1B	30x11	265	5	004440130
444G/C	38x10	315	3	004440133
444G/1C	38x14	315	3	004440135
444G/2	38,1x12,6	310	3	004440138
444G/1D	45x14	450	1	004440145
444G/2D	45x18	450	1	004440146
444G/3	50,8x16	485	1	004440150
444G/4	55x16	560	1	004440155
444G/5A	63,5x19	630	1	004440163
444G/6	65x18	630	1	004440165



## 446/C30

assortment of chrome-steel taps and dies, metric thread, and accessories in wooden case



446/C30

325x220x35 mm - 3,2 Kg

1 004460055

430 M mm	440 M mm		
3x0,5	3x0,5	435/1,5	444/1
4x0,7	4x0,7		
5x0,8	5x0,8		
6x1	6x1		
8x1,25	8x1,25		
10x1,5	10x1,5		
12x1,75	12x1,75		

## 446/C48

assortment of chrome-steel taps and dies, metric thread, and accessories in wooden case



446/C48

580x300x50 mm - 5 Kg

1 004460057

430 M mm	440 M mm	440A M mm		
3x0,5	3x0,5	10x1,5	435/1	444/1
4x0,7	4x0,7	12x1,75	435/3	444/2
5x0,8	5x0,8	14x2		
6x1	6x1	16x2		
8x1,25	8x1,25	18x2,5		
10x1,5		20x2,5		
12x1,75				
14x2				
16x2				
18x2,5				
20x2,5				

## 446/C110

assortment of chrome-steel taps and dies, metric thread, and accessories for car repair jobs in wooden case



446/C110 1 004460060

500x337x60 mm - 8,1 Kg

430	433	440/440A	441/441A
M mm	M mm	M mm	M mm
2x0,4	6x0,75	2x0,4	6x0,75
3x0,5	7x0,75	3x0,5	7x0,75
4x0,7	8x0,75	4x0,7	8x0,75
5x0,8	8x1	5x0,8	8x1
6x1	9x0,75	6x1	9x0,75
7x1	9x1	7x1	9x1
8x1,25	10x0,75	8x1,25	10x0,75
9x1,25	10x1	9x1,25	10x1
10x1,5	10x1,25	10x1,5	10x1,25
11x1,5	11x0,75	11x1,5	11x0,75
12x1,75	11x1	12x1,75	11x1
14x2	11x1,25	14x2	11x1,25
16x2	12x0,75	16x2	12x0,75
	12x1		12x1
	12x1,25		12x1,25
	12x1,5		12x1,5
	14x1		14x1
	14x1,25		14x1,25
	14x1,5		14x1,5
	16x1		16x1
	16x1,5		16x1,5
	18x1,5		18x1,5

435/0	444/1	436/1
435/3	444/2	

## 446ASF/C29

assortment of chrome-steel taps and dies, UNF thread, and accessories in wooden case



446ASF/C29 1 004460070

660x410x50 mm - 6 Kg

433ASF	440ASF		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

## 446ASC/C37

assortment of chrome-steel taps and dies, UNC thread, and accessories in wooden case



446ASC/C37 1 004460080

660x410x50 mm - 6,7 Kg

430ASC	440ASC		
1/4	1/4	435/1,5	444/1
5/16	5/16	435/3	444/2
3/8	3/8		444/3
7/16	7/16		
1/2	1/2		
9/16	9/16		
5/8	5/8		
3/4	3/4		

## 446ASW/C36

assortment of chrome-steel taps and dies, Whitworth thread, and accessories in wooden case



446ASW/C36 1 004460075

525x310x50 mm - 3,4 Kg

430ASW	440ASW		
1/8	1/8	435/1,5	444/1
5/32	5/32	435/2	444/2
3/16	3/16		
1/4	1/4		
5/16	5/16		
3/8	3/8		
7/16	7/16		
1/2	1/2		

## 446ASG/C23

assortment of chrome-steel taps and dies, cylindrical GAS thread, and accessories in wooden case



446ASG/C23 1 004460085

700x430x70 mm - 9,8 Kg

433ASG	440ASG		
1/8	1/8	435/3	444/2
1/4	1/4	435/5	444/3
3/8	3/8		444/5A
1/2	1/2		
3/4	3/4		
1"	1"		



## 447/C37

assortment of HSS taps and dies, metric thread, and accessories in metal case

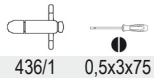


447/C37

1 004470055

380x185x35 mm - 3,9 Kg

431 M mm	442 M mm		
3x0,5	3x0,5	435/0	444
4x0,7	4x0,7	435/2	444/0
5x0,8	5x0,8		444/1A
6x1	6x1		444/1B
8x1,25	8x1,25		444/1C
10x1,5	10x1,5		
12x1,75	12x1,75		



436/1 0,5x3x75

## 447/C53

assortment of HSS taps and dies, metric thread, and accessories in metal case



447/C53

1 004470060

500x235x50 mm - 9 Kg

431 M mm	442 M mm			
3x0,5	3x0,5	435/1,5	444	436/1
4x0,7	4x0,7	435/3	444/0	436/2
5x0,8	5x0,8		444/1A	
6x1	6x1		444/1B	
8x1,25	8x1,25		444/1C	
10x1,5	10x1,5		444/2D	
12x1,75	12x1,75			
14x2	14x2			
16x2	16x2			
18x2,5	18x2,5			
20x2,5	20x2,5			

## 447/C70

assortment of HSS taps and dies, metric thread, and accessories for car repair jobs industrial maintenance in wooden case



447/C70

1 004470065

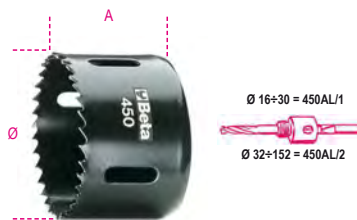
510x340x70 mm - 7,5 Kg

431 M mm	434 M mm	442 M mm	443 M mm
3x0,5	8x1	3x0,5	8x1
4x0,7	10x1,25	4x0,7	10x1,25
5x0,8	12x1,25	5x0,8	12x1,25
6x1	12x1,5	6x1	12x1,5
7x1	14x1,25	7x1	14x1,25
8x1,25	14x1,5	8x1,25	14x1,5
10x1,5	16x1,5	10x1,5	16x1,5
12x1,75		12x1,75	
14x2		14x2	
16x2		16x2	

435/0	444	436/1
435/3	444/0	
	444/1A	
	444/1B	
	444/C	
	444/1C	
	444/1D	
	444/2D	

## 450

hole saws, bimetal, HSS-Co 8%



HSS-Co 8%

Ø mm	Ø	A mm		
16	(5/8)	57	1	004500016
17	(11/16)	57	1	004500017
19	(3/4)	51	1	004500019
20	-	51	1	004500020
21	(13/16)	51	1	004500021
22	(7/8)	51	1	004500022
24	(15/16)	51	1	004500024
25	(1")	51	1	004500025
27	(1"1/16)	51	1	004500027
29	(1"1/8)	51	1	004500029
30	(1"3/16)	51	1	004500030
32	(1"1/4)	51	1	004500032

Ø mm	Ø	A mm		
33	(1"5/16)	51	1	004500033
35	(1"3/8)	51	1	004500035
37	(1"7/16)	51	1	004500037
38	(1"1/2)	44	1	004500038
40	(1"9/16)	44	1	004500040
41	(1"5/8)	44	1	004500041
43	(1"11/16)	44	1	004500043
44	(1"3/4)	44	1	004500044
46	(1"13/16)	44	1	004500046
48	(1"7/8)	44	1	004500048
51	(2")	44	1	004500051
52	(2"1/16)	44	1	004500052
54	(2"1/8)	44	1	004500054
57	(2"1/4)	44	1	004500057
59	(2"5/16)	44	1	004500059
60	(2"3/8)	44	1	004500060
64	(2"1/2)	44	1	004500064
65	(2"9/16)	44	1	004500065
67	(2"5/8)	44	1	004500067
68	-	44	1	004500068
70	(2"3/4)	44	1	004500070
73	(2"7/8)	44	1	004500073
76	(3")	44	1	004500076
79	(3"1/8)	44	1	004500079
83	(3"1/4)	44	1	004500083
86	(3"3/8)	44	1	004500086
89	(3"1/2)	44	1	004500089
92	(3"5/8)	44	1	004500092
95	(3"3/4)	44	1	004500095
98	(3"7/8)	44	1	004500098
102	(4")	44	1	004500102
105	(4"1/8)	44	1	004500105
108	(4"1/4)	44	1	004500108
111	(4"3/8)	44	1	004500111
114	(4"1/2)	44	1	004500114
121	(4"3/4)	44	1	004500121
127	(5")	44	1	004500127
140	(5"1/2)	44	1	004500140
152	(6")	44	1	004500152

## 450AL

arbors for holesaws



	Ø mm	L mm		
450AL/1	16÷30	54	1	004500210
450AL/2	32÷152	70	1	004500215

## 450AD

adaptors for arbors item 450AL/1

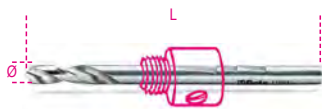


	Ø mm		
450AD	32÷51	1	004500230



## 450PA/1

pilot drills for arbors item 450AL/1, HSS

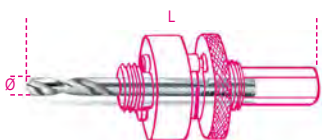


ØxL  
mm  
6,35x105

1 004500252

## 450PA/2

pilot drills for arbors item 450AL/2, HSS



ØxL  
mm  
6,35x80

1 004500253

## 450PR

extension for holesaws



L  
mm  
305

1 004500255

## 450/C9

assortment of holesaws and accessories for electricians



HSS-Co 8%

450/C9

1 004500305

450 Ø 22 - 29 - 35 - 44 - 51 - 64 mm  
450AL /1 - /2  
450AD  
220x160x60 mm - 1,6 Kg

## 450/C13

assortment of holesaws and accessories for installers



HSS-Co 8%

450/C13

1 004500310

450 Ø 19 - 22 - 29 - 35 - 38  
44 - 51 - 57 - 64 mm  
450AL /1 - /2  
450PA/1  
450AD  
215x180x65 mm - 1,8 Kg

## 450/C15

assortment of holesaws and accessories for electricians



HSS-Co 8%

450/C15

1 004500313

450 Ø 16 - 20 - 25 - 32 - 40  
51 - 60 - 65 - 70 mm  
450AL /1 - /2  
450PA /1 - /2  
450PR  
450AD  
420x185x60 mm - 3,2 Kg

## 450/C21

assortment of holesaws and accessories for industrial use



HSS-Co 8%

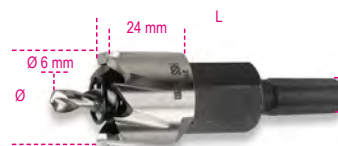
450/C21

1 004500315

450 Ø 19 - 22 - 29 - 35 - 38  
44 - 51 - 57 - 64 - 76  
83 - 92 - 95 - 105 - 114 mm  
450AL /1 - /2  
450PA /1 - /2  
450PR  
450AD  
420x280x60 mm - 7 Kg

## 451

hole cutters HSS, entirely ground



Ø mm	L mm	D mm	
12	85	8	1 004510012
13	85	8	1 004510013
14	85	8	1 004510014
15	85	10	1 004510015
16	85	10	1 004510016
17	85	10	1 004510017
18	85	10	1 004510018
19	85	10	1 004510019
20	85	10	1 004510020
21	85	10	1 004510021
22	85	10	1 004510022
23	85	10	1 004510023
24	85	10	1 004510024
25	85	10	1 004510025
26	90	10	1 004510026
27	90	10	1 004510027
28	90	10	1 004510028
29	90	10	1 004510029
30	90	10	1 004510030
31	90	10	1 004510031
32	90	10	1 004510032
33	90	10	1 004510033
34	90	10	1 004510034
35	90	10	1 004510035
36	85	10	1 004510036
37	85	10	1 004510037
38	85	10	1 004510038
39	85	10	1 004510039
40	85	10	1 004510040
41	85	10	1 004510041
42	85	10	1 004510042
43	85	10	1 004510043
44	85	10	1 004510044
45	85	10	1 004510045
46	85	10	1 004510046
47	85	10	1 004510047
48	85	10	1 004510048
49	85	10	1 004510049
50	85	10	1 004510050



## 451/C

assortment of 8 hole cutters,  
HSS,  
entirely ground



451/C8	1	004510308
Ø 16-18-20-22-25-30-32-35 mm		
270x225x70 mm		

## 451GA

arbors for hole cutters item 451



M	Ø	L	D	
mm	mm	mm	mm	
10x1,25	12÷14	57	8	1 004510101
12x1,25	15÷34	57	10	1 004510102
14x1,5	35÷50	57	10	1 004510105

## 451PA

pilot drill for hole cutters item 451  
HSS



Ø	L	
mm	mm	
6	53	1 004510103

## 451PR

extension for hole cutters item 451

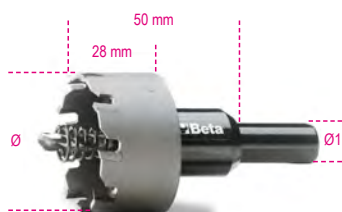


M	Ø	L	Ø1	
mm	mm	mm	mm	
12x1,25	15÷34	400	13	1 004510104
14x1,5	35÷50	400	13	1 004510108



## 452

hole cutters with hard metal insets



Ø	Ø1	
mm	mm	
15	10	1 004520015
16	10	1 004520016
17	10	1 004520017
18	10	1 004520018
19	10	1 004520019
20	10	1 004520020
21	10	1 004520021
22	10	1 004520022
23	10	1 004520023
24	10	1 004520024
25	10	1 004520025
26	10	1 004520026
27	10	1 004520027
28	10	1 004520028
29	10	1 004520029
30	10	1 004520030
31	10	1 004520031
32	10	1 004520032
33	10	1 004520033
34	10	1 004520034
35	10	1 004520035
36	10	1 004520036
37	10	1 004520037
38	10	1 004520038
39	13	1 004520039
40	13	1 004520040
41	13	1 004520041
42	13	1 004520042
43	13	1 004520043
44	13	1 004520044
45	13	1 004520045
46	13	1 004520046
47	13	1 004520047
48	13	1 004520048
49	13	1 004520049
50	13	1 004520050
55	13	1 004520055
60	13	1 004520060
65	13	1 004520065
70	13	1 004520070
75	13	1 004520075
80	13	1 004520080
85	13	1 004520085
90	13	1 004520090

## 452GA

arbors for hole cutters item 452

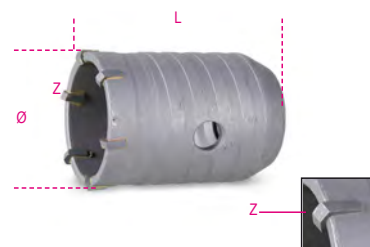


	Ø	
	mm	
452GA/1	15÷21	1 004520125
452GA/2	22÷38	1 004520126
452GA/3	39÷100	1 004520127

## 460

hole cutters for building materials

- For concrete, cement, natural and artificial stones
- Maximum drilling depth: 60 mm



Ø	L	Z	
mm	mm		
50	75	6	1 004600050
60	75	6	1 004600060
65	75	6	1 004600065
80	75	6	1 004600080
90	75	6	1 004600090
100	75	8	1 004600100
112	75	8	1 004600112
125	80	10	1 004600125
150	80	12	1 004600150

## 460PP

pilot drill for hole cutters for building materials  
460



Ø	L	
mm	mm	
8	120	1 004600201

## 460G

shanks for hole cutters 460



L	
mm	
220	1 004600222
370	1 004600237
460	1 004600246

# TORQUE MULTIPLIERS

Torque multipliers are essential tools for tightening nuts and screws, as they allow a higher torque than the operator would normally apply to be generated, in small or hardly accessible spaces. They do not require bulky extensions, thereby ensuring total safety.

**Beta's range of torque multipliers** provides a variety of solutions and capacities **up to 9500 Nm**, and torque multiplication ratios up to 135:1. Many models – especially the most powerful ones – are fitted with a two-way anti-wind up system, to prevent dangerous tension returns onto the operator. Each of Beta's torque multipliers comes with a **certificate** proving that the tool was tested at the maximum value under optimal operating conditions.

## Operating instructions

The torque multiplier **must be used with a torque wrench** to ensure control of the output torque; in addition, it must always be used with **impact sockets**.

The ratios of each torque multiplier determine the **multiplication factor** between the input torque and the output torque. Example: torque multiplier with 5:1 ratio. Applying an input torque of 100 Nm, as set on the torque wrench, will result in an output torque of 500 Nm as transmitted to the nut or screw.

However, make sure that all the parts involved in tightening are properly aligned.

Avoid using **extensions**, as these would twist, thereby producing a spring effect which would modify the applied torque values.

Always check that the **reaction arm** of the torque multiplier has been fixed to, or rests on, a sturdy structure, capable of withstanding the reaction force. As a rule, adequately rigid walls or screws near to the one that must be worked on are used. The reaction arm always rotates in the **opposite** direction to the tightening direction.



Operate smoothly and uninterruptedly.

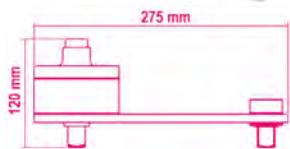
Tightening tension must be released by rotating the torque multiplier in the other direction, before disengaging it; if the torque multiplier is fitted with an anti-wind up system, tightening tension must be released through the reversal lever.

The above instructions also apply to **unscrewing** operations.



## 560/C3

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system

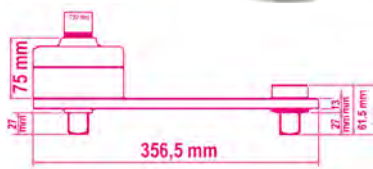


Nm	kgfm	lbf.ft	□	■	kg
1500	150	1110	1/2"	3/4"	3,9

**560/C3** 1 005600030  
400x260x110 mm

## 560/C3PLUS

torque multiplier for right-hand and left-hand tightening, in plastic case, ratio 3.8:1, with anti-wind up system

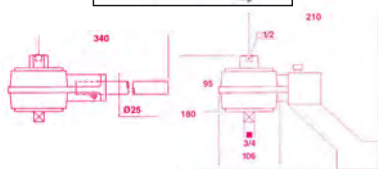


Nm	kgfm	lbf.ft	□	■	kg
2700	270	1991	3/4"	1"	7,5

**560/C3PLUS** 1 005600038  
470x240x160 mm

## 560/C2

torque multiplier for right-/left-hand tightening and accessories ratio 5:1 in plastic case for intensive use

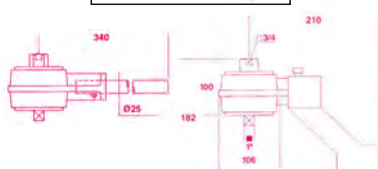


Nm	Kgfm	lbf.ft	□	■	kg
1300	130	960	1/2"	3/4"	3,8

**560/C2** 1 005600020  
**560/2** 1 005600002  
**560/18** 1 005600018  
**560/19** 1 005600019  
**560/22** 1 005600022  
310x275x120 mm

## 560/C4+

torque multiplier for right/left-hand and accessories ratio 5:1 with reaction foot for intensive use



Nm	Kgfm	lbf.ft	□	■	kg
2700	270	2000	3/4"	1"	5

**560/C4PLUS** 1 005600042  
**560/4** 1 005600004  
**560/18** 1 005600018  
**560/22** 1 005600022  
310x275x120 mm

## 560/C6

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 6.5:1



Nm	kgfm	lbf.ft	□	■	kg
1500	150	1106	1/2"	3/4"	6

**560/C6** 1 005600160  
400x260x110 mm

## 560/C12

torque multipliers for right-hand and left-hand tightening in plastic case ratio: 12:1

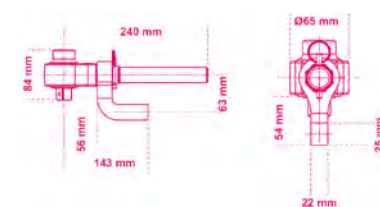


Nm	kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

**560/C12** 1 005600210  
400x260x110 mm

## 561/1

torque multiplier for right-hand and left-hand tightening, ratio 5:1, with two reaction feet



Nm	kgfm	lbf.ft	□	■	kg
1000	100	740	1/2"	3/4"	2,7

**561/1** 1 005610010  
270x210x70 mm

## 562-1/VA - 562-2/VA

torque multipliers for right-hand and left-hand tightening  
ratio 5,2:1  
in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
1700	170	1250	3/4	1"	108	95	85	220	8,8

562-1/VA 1 005620601

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	3/4	1"	119	115	85	265	10,5

562-2/VA 1 005620602

## 564-3R/V - 564-4R/V

torque multipliers for right-/left-hand tightening

ratio 25:1  
with anti-wind up system,  
in case



Nm	Kgfm	lbf.ft	□	■	D	A	L	⚖
4000	400	3000	1/2	1"	92	185	205	7,6

564-3R/V 1 005640613

☞ 390x310x145 mm

Nm	Kgfm	lbf.ft	□	■	D	A	L	⚖
7000	700	5000	1/2	1 1/2"	120	200	210	13,2

564-4R/V 1 005640614

☞ 500x435x170 mm

## 565-1R/VA - 565-2R/VA - 565-3R/VA

torque multipliers for right-hand and left-hand tightening  
ratio 27:1  
with anti-wind up system,  
in case 562VV-A



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
1700	170	1250	1/2	1"	108	125	80	215	11,2

565-1R/VA 1 005650611

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	1/2	1"	119	145	85	265	13,6

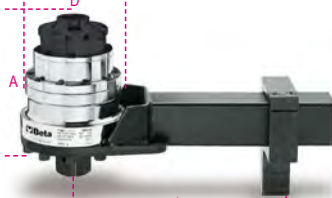
565-2R/VA 1 005650612

Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
3400	340	2500	1/2	1 1/2"	119	145	85	265	14,2

565-3R/VA 1 005650613

## 565-4R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 27:1  
with anti-wind up system,  
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2"	144	180	125	335	22,4

565-4R/VB 1 005650614

## 565-5R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 27:1  
with anti-wind up system,  
in case 565VV-B

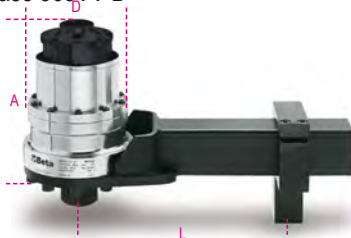


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	3/4	1 1/2"	184	180	155	355	30,4

565-5R/VB 1 005650615

## 567-4R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 135:1  
with anti-wind up system,  
in case 565VV-B

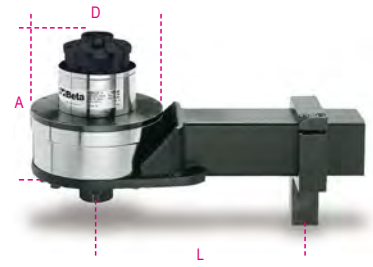


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
6000	600	4500	1/2	1 1/2"	144	210	125	335	24,4

567-4R/VB 1 005670614

## 567-5R/VB

torque multiplier for right-hand and left-hand tightening  
ratio 135:1  
with anti-wind up system,  
in case 565VV-B



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
9500	950	7000	1/2	1 1/2"	184	210	155	350	32,4

567-5R/VB 1 005670615

## 562VV-A

multiplier case,  
made of hard-wearing polypropylene with  
sponge lining  
Interior dimensions: 380x270x180 mm



562VV-A 1 005620501

562/1-562/2-564/3R  
564/4R-565/1R-565/2R  
565/3R

☞ 410x340x205 mm - ⚖ 3,5 kg

## 565VV-B

multiplier case,  
made of hard-wearing polypropylene with  
sponge lining  
Interior dimensions: 480x370x205 mm



565VV-B 1 005650502

565/4R-565/5R  
567/4R-567/5R

☞ 520x435x230 mm - ⚖ 5,4 kg





Torque wrenches must always be held in the middle of the handle, in order not to change the lever ratio. They must be operated smoothly and uninterruptedly, avoiding jerks.

The adjustment scale must be reset to zero after use, in order not to affect tightening precision. **This is not necessary with the Zero-Reset wrenches.**

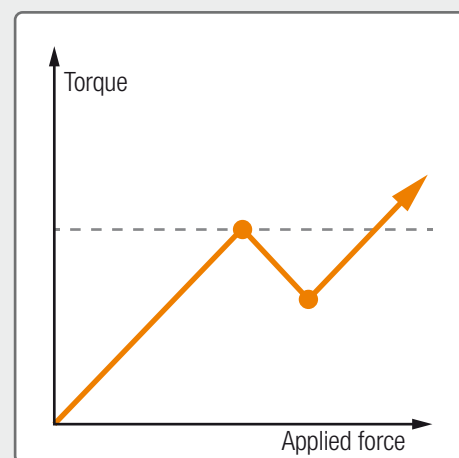
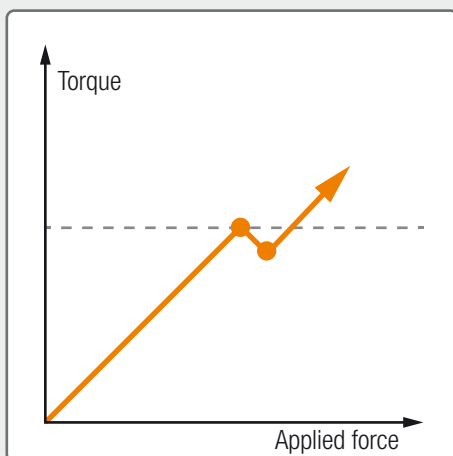
Beta provides a wide range of wrenches, with **four different types of operation.**

## DIRECT READING MODELS

The applied tightening torque is transmitted directly to the reading index through compression of a coil spring. The applied torque can be read in real time through a pointer. A second pointer can be positioned on the target torque value. When the target torque value is reached, the second pointer will be hooked by the main pointer and record the peak value. Direct reading torque wrenches ensure remarkable accuracy and durability over time.

## CLICK-TYPE MODELS

Click-type torque wrenches are the most popular models, as they are easy to use. They enable quick torque preselection by spring loading. The torque value increases as the applied force increases. When the required torque value is reached, a sudden release will occur, and the wrench will not apply any tightening force for approximately 3-5°. If the operator does not interrupt movement, the torque will keep increasing, thereby exceeding the required values.

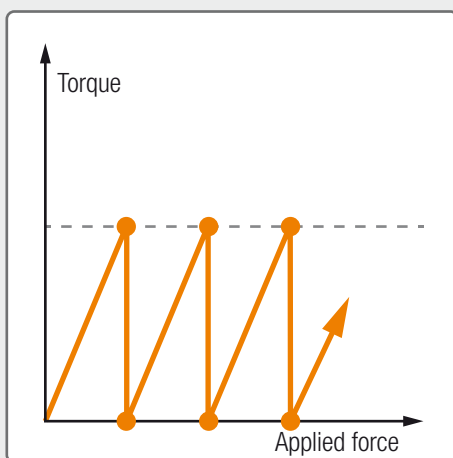


## BREAK-BACK MODELS

Break-back torque wrenches operate like click-type models, but when the required torque value is reached, a sudden release of the lever arm will occur (approximately 20°). Therefore, it is easier for the operator to stop applying force. They are normally used for high torque values with extremely long lever arms.

## SLIPPING MODELS

When the pre-set torque value is reached, the slipping mechanism will stop the torque from being applied, thereby causing the tool to idle. This will prevent tightening with high torque values compared to the required ones. Keeping applying force will cause the same cycle to be repeated. They are ideal for operations in sequence with low torque values (electronic and micromechanical industries), where avoiding breaking delicate or small-sized parts is a priority.







# Beta

**581**  
slip-torque screwdriver, **ungraduated**  
for right-hand tightening  
torque accuracy:  $\pm 6\%$   
(to be used with items 588 - 682)



UNI EN ISO 6789

Nm	gfm	lbf.in	kg
1,2÷6	120÷600	1/4"	275

**581** 1 005810001

**583**  
slip-torque screwdriver, graduated  
for right-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	gfm	lbf.in	kg	g
0,3÷1,5	30÷150	1/4"	240	0,05

**583/1,5** 1 005830015

Nm	gfm	lbf.in	kg	g
0,6÷3	60÷300	1/4"	240	0,1

**583/3** 1 005830030

Nm	gfm	lbf.in	kg	g
1,2÷6	120÷600	1/4"	350	0,2

**583/6** 1 005830060

**583/C31**  
1 torque screwdriver, 8 hexagon hand sockets,  
20 bits and 2 accessories



**583/C31**

1 005830931

- 583/6** 1.2 - 6 Nm
- 900** 4.5-5.5-6-7-8-9-10 mm
- 860LP** 0,6x4,5 - 1x5,5 - 1,2x6,5 mm
- 860PH** PH1 - PH2 (x2) - PH3
- 860PE** 2-2,5-3-4-5 mm
- 860TX** T9-T10-T15-T20-T25-T27-T30-T40
- 882P/80** 80 mm
- 892/0**  $\bullet$  1/4  $\blacksquare$  1/4

270x120x45 mm - 1,2 kg

**590 - 592**  
direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	lbf.ft	A mm	L mm	kg	kg
0,8÷4	0,08÷0,4	7÷35	1/4	60	253	0,52	0,1

**590** 1 005900001

Nm	Kgfm	lbf.in	lbf.ft	A mm	L mm	kg	kg
2,5÷12,5	0,25÷1,25	21÷110	1/4	60	253	0,52	0,5

**590/1** 1 005900003

Nm	Kgfm	lbf.in	lbf.ft	A mm	L mm	kg	kg
1÷27	0,1÷2,7	10÷240	3/8	70	253	0,52	1,0

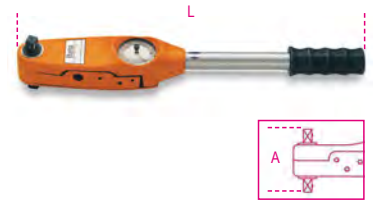
**592/3** 1 005920005

Nm	Kgfm	lbf.in	lbf.ft	A mm	L mm	kg	kg
3÷40	0,3÷4	20÷360	3/8	70	253	0,52	1,0

**592/4** 1 005920007

**594**  
direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$

**12"**



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	lbf.in	A mm	L mm	kg	kg
16÷80	1,6÷8	12÷60	1/2	85	455	1,35	2,0

**594/8** 1 005940011

Nm	Kgfm	lbf.ft	lbf.in	A mm	L mm	kg	kg
40÷200	4÷20	30÷160	1/2	85	530	1,40	5,0

**594/21** 1 005940015

**Torque calibration  
service  
at end of price list**

**596**  
direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$

A signal light and an intermittent sound mean the pre-set torque load is achieved.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	lbf.in	A mm	L mm	kg	kg
80÷400	8÷40	60÷300	3/4	111	710	3,2	10

**596/40SL** 1 005960010

Nm	Kgfm	lbf.ft	lbf.in	A mm	L mm	kg	kg
160÷800	16÷80	120÷600	3/4"	115	1025	4,85	20

**596/80SL** 1 005960020



# Beta

## 599DGT

electronic torque wrench with reversible ratchet, right-hand (accuracy:  $\pm 2\%$ ) and left-hand (accuracy:  $\pm 3\%$ ) tightening

- Dual measurement mode: peak hold and track
- Light indicators and an intermittent sound inform user that preset torque has been reached
- Power supply: 2 1.5V batteries (included)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D	A	L	Weight		
12÷60	1,2÷6	8÷44	3/8	30	33	413	0,9	0,1

599DGT/6 1 005990003

Nm	Kgfm	lbf.ft	D	A	L	Weight		
20÷100	2÷10	15÷80	1/2	30	37	413	0,9	0,1

599DGT/10X 1 005990010

Nm	Kgfm	lbf.ft	D	A	L	Weight		
40÷200	4÷20	30÷150	1/2	40	43	520	2	0,1

599DGT/20 1 005990020

Nm	Kgfm	lbf.ft	D	A	L	Weight		
68÷340	6,8÷34	58÷280	1/2	40	43	640	2,35	0,1

599DGT/30 1 005990030

## 599DGT-AW

electronic torque wrench, torque and torque readout, with reversible ratchet and wireless data transmission, right-hand (accuracy:  $\pm 2\%$ ) and left-hand (accuracy:  $\pm 3\%$ ) tightening

- Tightening types: torque, angle, torque + angle
- Dual measurement mode: peak hold and track
- Light indicators, an intermittent sound and tactile feedback inform user that preset torque or angle has been reached
- Last 999 peak torque and/or angle readings can be stored and displayed
- 9 "Preset" modes can be saved and preset
- Bi-directional wireless data transmission, from wrench to software and vice versa, in mass or in real time
- Key safety lockout
- Wrench can be associated with a certain user via software
- Tightening data traceability. Software allows date and time, tool serial number, set tightening value and reached value to be stored and associated with user ID
- Customized data processing software with immediate, easy-to-read OK/NG result and real time display of charts
- Nonslip bi-material handle
- Wrench + software in 9 languages
- Included: 3 AA - 1.5V batteries, wireless USB key and software USB key



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D	A	L	Weight		
6÷30	0,6÷3	4,5÷22	1/4	23,7	20,4	410	0,8	0,1

599DGT-AW/30 1 005990702

Nm	Kgfm	lbf.ft	D	A	L	Weight		
27÷135	2,7÷13,5	20÷100	3/8	30,5	27	445	1	1,0

599DGT-AW/135 1 005990713

Nm	Kgfm	lbf.ft	D	A	L	Weight		
68÷340	6,8÷34	50÷250	1/2	40	37	615	1,5	1,0

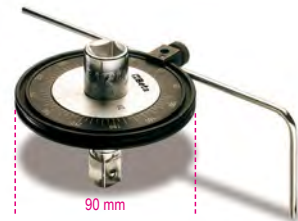
599DGT-AW/340 1 005990734

**Torque calibration service at end of price list**



## 600

torque angle indicators



Model	Size	Weight	Serial
600/1	1/2	1/2	1 006000001
600/2	3/4	3/4	1 006000002

## 601C

digital angle indicator

Light signals and an intermittent sound inform user that preset angle has been reached



601C 1 006010100  
85x80x87 mm - 70 g

## 601CA

digital torque and angle indicator

light indicators and an intermittent sound inform user that preset torque or angle has been reached



Size	Nm	Weight	Serial
1/2"	40÷200	0,1	1 006010120

120x90x120 mm - 240 g

## 603

calibrated slipping torque wrenches  
for right-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	A	L	Weight
1÷5	0,1÷0,5	10÷45	1/4	35	195	235 0,05

603/5 1 006030005

Nm	Kgfm	lbf.in	Drive	A	L	Weight
2÷10	0,2÷1,0	18÷90	1/4	35	195	235 0,1

603/10 1 006030010

## 604B

break-back torque bars  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	L	Weight
1÷5	0,1÷0,5	10÷45	8	220	290 0,025

604B/5 1 006040015

Nm	Kgfm	lbf.in	Drive	L	Weight
2÷10	0,2÷1,0	18÷90	8	220	300 0,05

604B/10 1 006040020

## 605E

click-type torque wrenches  
with reversible ratchets  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 6\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	A	L	Weight
1÷5	0,1÷0,5	10÷45	1/4	20	190	180 0,05

605E/5 1 006050105

Nm	Kgfm	lbf.in	Drive	A	L	Weight
2÷10	0,2÷1,0	18÷90	1/4	20	190	180 0,1

605E/10 1 006050110

## 605BC/15

click-type torque wrench  
with reversible ratchet,  
for right-hand tightening,  
compact, made from aluminium,  
torque accuracy:  $\pm 4\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.in	Drive	D	A	L	Weight
3÷15	0,3÷1,5	26÷133	1/4	26	29	175	215 0,1

605BC/15 1 006050015

## 605DGT/2

electronic torque wrench  
with reversible ratchet  
for right-/left-hand tightening  
torque accuracy  $\pm 3\%$  (right-hand)  
 $\pm 4\%$  (left-hand)

- Dual measurement mode: peak hold and track
- Light indicators and an intermittent sound inform user that preset torque has been reached
- Power supply: 1 1.5V AAA battery (included)



UNI EN ISO 6789

Nm	Kgcm	lbf.ft	Drive	D	A	L	Weight
4÷20	0,4÷2	35÷177	1/4	20	20	210	175 0,01

605DGT/2 1 006050302

## 610/5

click-type torque wrenches  
with reversible ratchets,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

Nm	Drive	D	A	L	Weight
90÷130	1/2	42	39	490	1330 10

610/5 1 006100025

## 610L/5

click-type torque wrenches  
with L-shaped levers,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
90 - 100 - 110 - 120 - 130 Nm



UNI EN ISO 6789

Nm	Drive	L	L1	Weight
90÷130	1/2	470	80	1350 10

610L/5 1 006100125

## 610L/5L

click-type torque wrench  
with L-shaped lever,  
for right-hand tightening,  
with 5 preset values,  
torque accuracy:  $\pm 4\%$

Selectable torque values:  
120 - 140 - 160 - 180 - 200 Nm



UNI EN ISO 6789

Nm	Drive	L	L1	Weight
120÷200	1/2	470	80	1400 20

610L/5L 1 006100150

## 611

reversible ratchets  
for torque bars items 604B/5 and 604B/10  
8 mm drive



Drive	L	Weight
1/4	42,5	1 006110001

Torque calibration  
service  
at end of price list

## 612 ÷ 614

reversible ratchets for torque bars



Items 612 and 612X should not be used with tightening torques exceeding 100 Nm

	■	L mm	LA mm		
612	3/8	66	32	2	006120000
612X	1/2	66	32	2	006120010
614	1/2	71	32	2	006140000
614X	3/4	71	32	2	006140004

## 614/50

push-through ratchet for torque bars



	■	L mm	LA mm		
614/50	1/2	71	32	2	006140002

Spare rotating mechanisms of ratchets



## 615

reversible ratchets for torque bars, rectangular drive



■	mm	■	L mm	LA mm		
9x12	3/8	53	28,8	1	006150010	
9x12	1/2	53	28,8	1	006150020	
14x18	1/2	70	39,8	1	006150120	



## 616 - 617 - 619

fixed heads for torque bars



	■	L mm	LA mm		
616	1/4	61	32	1	006160000
617	3/8	61	32	1	006170000
619	1/2	63	32	1	006190000

## 621

bit holder accessories for torque bars, rectangular drive



	■	L mm	LA mm		
621P 1/4	9x12	1/4	43 28,8	1	006210000
* 621P 5/16	14x18	5/16	52,5 32,5	1	006210110

\*Caution! Recalculate torque value to set as shown in table in introductory page of section

## 622

reversible ratchets for torque bars, round drive, Ø 22 mm



	■	L mm	LA mm		
622 3/4	3/4	110	56	1	006220019
622 1"	1	110	56	1	006220024

## 641

open jaw wrenches for torque bars 604B/5 and 604B/10 8 mm drive



■	L mm		
4	37	1	006410003
5	37	1	006410004
5,5	37	1	006410005
6	37	1	006410006
7	37	1	006410007
8	42	1	006410008
9	42	1	006410009
10	42	1	006410010

## 642

open jaw wrenches for torque bars



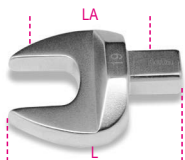
■	L mm	LA mm	A mm		
8	54	32	22	1	006420008
10	57	32	26	1	006420010
12	58	32	30	1	006420012
13	58	32	30	1	006420013
14	59	32	32	1	006420014
15	59	32	35	1	006420015
16	59	32	38	1	006420016
17	60	32	39	1	006420017
18	61	32	42	1	006420018
19	61	32	43	1	006420019
20	61	32	50	1	006420020
21	62	32	53	1	006420021
22	62	32	53	1	006420022
23	65	32	53	1	006420023
24	63	32	53	1	006420024
25	64	32	53	1	006420125
26	64	32	59	1	006420026
27	65	32	59	1	006420027
28	66	32	64	1	006420028
30	66	32	66	1	006420030
32	67	32	66	1	006420032
* 36	76	42	80	1	006420036
* 40	77	52	95	1	006420040
* 41	78	52	95	1	006420041
* 46	90	52	95	1	006420046

\*Caution! Recalculate torque value to set as shown in table in introductory page of section



## 643

open jaw wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
7	9x12	37	28,8	1	006430007
8	9x12	37	28,8	1	006430008
10	9x12	39	28,8	1	006430010
12	9x12	39	28,8	1	006430012
13	9x12	39	28,8	1	006430013
14	9x12	43	28,8	1	006430014
15	9x12	43	28,8	1	006430015
16	9x12	43	28,8	1	006430016
17	9x12	43	28,8	1	006430017
*18	9x12	47	36,3	1	006430018
*19	9x12	51	36,3	1	006430019
*21	9x12	52	36,3	1	006430021
*22	9x12	52	36,3	1	006430022

\*Caution! Recalculate torque value to set as shown in table in introductory page of section

mm	mm	L mm	LA mm		
13	14x18	60	39,8	1	006430113
14	14x18	58	39,8	1	006430114
15	14x18	60	39,8	1	006430115
16	14x18	60	39,8	1	006430116
17	14x18	60	39,8	1	006430117
18	14x18	61	39,8	1	006430118
19	14x18	61	39,8	1	006430119
21	14x18	61	39,8	1	006430121
22	14x18	62	39,8	1	006430122
24	14x18	64	39,8	1	006430124
*27	14x18	68	44,8	1	006430127
*30	14x18	77	49,8	1	006430130
*32	14x18	77	49,8	1	006430132
*34	14x18	80	54,8	1	006430134
*36	14x18	83	54,8	1	006430136
*38	14x18	83	54,8	1	006430138
*41	14x18	91	64,8	1	006430141

\*Caution! Recalculate torque value to set as shown in table in introductory page of section

## 644

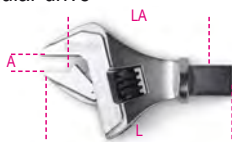
open jaw wrenches  
for torque bars,  
round drive, Ø 22 mm



mm	L mm	LA mm	A mm		
22	91	56	52	1	006440022
24	91	56	52	1	006440024
27	94	56	64	1	006440027
30	94	56	64	1	006440030
32	97	56	75,5	1	006440032
34	97	56	75,5	1	006440034
36	97	56	75,5	1	006440036
41	103,5	56	94	1	006440041
46	115,5	56	94	1	006440046

## 650A

adjustable wrenches  
for torque bars,  
rectangular drive



A min-max mm	mm	L mm	LA mm		
*5-27	9x12	93	74,3	1	006500027
*5-30	9x12	106	85,3	1	006500030
*5-30	14x18	115	89	1	006500130
*10-41	14x18	127	100	1	006500141

\*Caution! Recalculate torque value to set as shown in table in introductory page of section

## 650H

hook wrenches  
for torque bars,  
rectangular drive



mm	mm	L mm	LA mm		
*28-36	14x18	122	92	1	006500928
*40-45	14x18	129	92	1	006500940
*50-55	14x18	129	92	1	006500950
*58-62	14x18	135	92	1	006500958
*68-75	14x18	139	92	1	006500968
*80-90	14x18	145	92	1	006500980

\*Caution! Recalculate torque value to set as shown in table in introductory page of section

## 652

ring wrenches for torque bars



mm	L mm	LA mm		
8	58	32	1	006520008
10	58	32	1	006520010
12	58	32	1	006520012
13	58	32	1	006520013
14	58	32	1	006520014
15	62	32	1	006520015
16	63	32	1	006520016
17	64	32	1	006520017
18	65	32	1	006520018
19	65	32	1	006520019
21	67	32	1	006520021
22	68	32	1	006520022
24	69	32	1	006520024
26	71	32	1	006520026
27	71	32	1	006520027
30	73	32	1	006520030
32	74	32	1	006520032

## 653

ring wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
7	9x12	40	28,8	1	006530007
8	9x12	40	28,8	1	006530008
10	9x12	43	28,8	1	006530010
12	9x12	44	28,8	1	006530012
13	9x12	44	28,8	1	006530013
14	9x12	45	28,8	1	006530014
15	9x12	46	28,8	1	006530015
16	9x12	47	28,8	1	006530016
17	9x12	47	28,8	1	006530017
18	9x12	48	28,8	1	006530018
19	9x12	49	28,8	1	006530019
21	9x12	51	28,8	1	006530021
22	9x12	51	28,8	1	006530022

mm	mm	L mm	LA mm		
13	14x18	61	39,8	1	006530113
14	14x18	61	39,8	1	006530114
15	14x18	62	39,8	1	006530115
16	14x18	63	39,8	1	006530116
17	14x18	64	39,8	1	006530117
18	14x18	64	39,8	1	006530118
19	14x18	66	39,8	1	006530119
21	14x18	66	39,8	1	006530121
22	14x18	67	39,8	1	006530122
24	14x18	69	39,8	1	006530124
*27	14x18	76	44,8	1	006530127
*30	14x18	77	44,8	1	006530130
*32	14x18	79	44,8	1	006530132
*34	14x18	80	44,8	1	006530134
*36	14x18	80	44,8	1	006530136
*38	14x18	90	49,8	1	006530138
*41	14x18	90	49,8	1	006530141

\*Caution! Recalculate torque value to set as shown in table in introductory page of section





## 654

ring wrenches  
for torque bars,  
round drive, Ø 22 mm



mm	L mm	LA mm	A mm		
22	98,5	56	38	1	006540022
24	98,5	56	38	1	006540024
27	102,8	56	46,5	1	006540027
30	102,8	56	46,5	1	006540030
32	106,5	56	55	1	006540032
34	106,5	56	55	1	006540034
36	106,5	56	55	1	006540036
41	115,5	56	72	1	006540041
46	115,5	56	72	1	006540046

## 659/15

adaptor with rectangular female (14x18 mm)  
and male (9x12 mm) drives



L mm	□ mm	■ mm	LA mm		
51	14x18	9x12	32	1	006590815

\*Caution! Recalculate torque value to set as shown in  
table in introductory page of section



Always apply torque loads evenly  
and progressively to avoid breakage  
and any possible injury.

## 659/16

adaptor with rectangular female (9x12 mm)  
and male (14x18 mm) drives



L mm	□ mm	■ mm	LA mm		
51	9x12	14x18	31	1	006590816

\*Caution! Recalculate torque value to set as shown in  
table in introductory page of section



## 666 - 667 ZERO-RESET

### THE WRENCHES THAT DO NOT REQUIRE RELEASING TENSION AFTER USE

Even if tension is not released, the number of cycles, durability and tightening accuracy as required by reference standards are guaranteed.

In order to confirm these parameters, Beta Utensili's Research & Development Department performed numerous durability tests at the in-house laboratories as at hundreds of end users'.

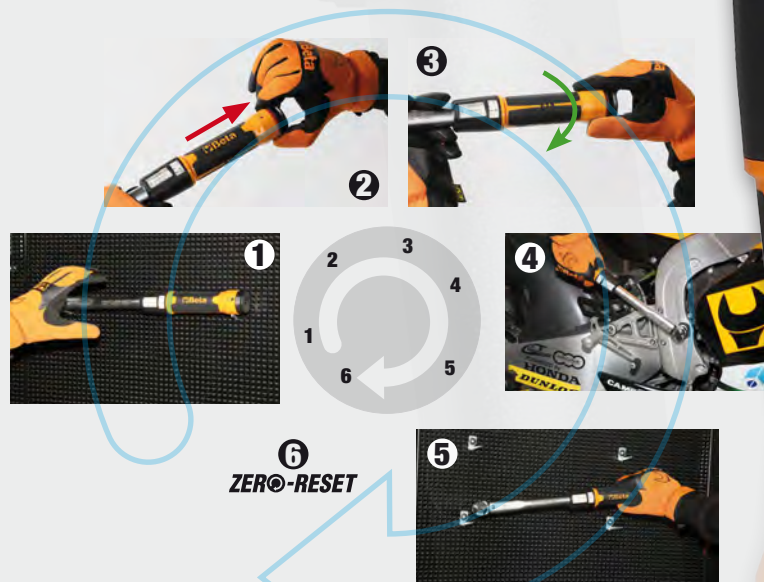
This result has been obtained through:

- the use of the best-performing currently available materials;
- special heat treatments on interior parts.

### 100% MADE IN ITALY

The Zero-Reset torque wrench was entirely designed and developed in-house and is manufactured at Beta Utensili's factories in Italy, using 100% Italian-made parts.

The settings of the wrench no longer have to be restored to a minimum level at the end of the cycle of use.



## 666

ZERO-RESET click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy:  $\pm 3\%$

• Does not require releasing tension



UNI EN ISO 6789

Nm	D	A	L	g	Accuracy	
5÷25	1/4	26	25	273	395	0,05

666/2 1 006660702

Nm	D	A	L	g	Accuracy	
5÷25	3/8	26	29	273	405	0,05

666/2X 1 006660703

Nm	D	A	L	g	Accuracy	
10÷50	3/8	30	33	342	680	0,25

666/5 1 006660705

Nm	D	A	L	g	Accuracy	
20÷100	3/8	30	33	385	760	0,25

666/10 1 006660710

Nm	D	A	L	g	Accuracy	
20÷100	1/2	30	37	385	770	0,25

666/10X 1 006660711

Nm	D	A	L	g	Accuracy	
40÷200	1/2	42	43	471	1020	0,5

666/20 1 006660720

Nm	D	A	L	g	Accuracy	
60÷300	1/2	42	43	600	1270	1,0

666/30 1 006660730

## 666 LBF.FT

ZERO-RESET click-type wrenches with reversible ratchets, for right-hand tightening, torque accuracy:  $\pm 3\%$

• Does not require releasing tension  
• Scale in lbf.ft



UNI EN ISO 6789

lbf.ft	D	A	L	g	Accuracy	
4÷18	1/4	26	25	273	395	0,05

666 LBF.FT/2 1 006660762

lbf.ft	D	A	L	g	Accuracy	
4÷18	3/8	26	29	273	405	0,05

666 LBF.FT/2X 1 006660763

lbf.ft	D	A	L	g	Accuracy	
7÷37	3/8	30	33	342	680	0,25

666 LBF.FT/5 1 006660765

lbf.ft	D	A	L	g	Accuracy	
15÷75	3/8	30	33	385	760	0,25

666 LBF.FT/10 1 006660780

lbf.ft	D	A	L	g	Accuracy	
15÷75	1/2	30	37	385	770	0,25

666 LBF.FT/10X 1 006660781

lbf.ft	D	A	L	g	Accuracy	
30÷150	1/2	42	43	471	1020	0,5

666 LBF.FT/20 1 006660782

lbf.ft	D	A	L	g	Accuracy	
50÷230	1/2	42	43	600	1270	1,0

666 LBF.FT/30 1 006660783

## 667

ZERO-RESET click-type torque wrenches with push-through ratchets, for right-/left-hand tightening, torque accuracy:  $\pm 3\%$

• Does not require releasing tension



UNI EN ISO 6789

Nm	D	A	L	g	Accuracy	
40÷200	1/2	42	42	471	1035	0,5

667/20 1 006670720

Nm	D	A	L	g	Accuracy	
60÷300	1/2	42	42	600	1285	1,0

667/30 1 006670730

Nm	D	A	L	g	Accuracy	
80÷400	3/4	59	53	710	2220	1,0

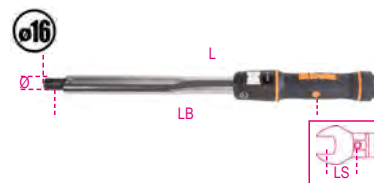
667/40 1 006670740

## Spare rotating mechanisms of ratchets



## 668N

click-type torque bars, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g	Accuracy
5÷25	0,5÷2,5	4÷18	16	220	148	32	300	0,2

668N/2 1 006680002

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g	Accuracy
10÷50	1÷5	7÷37	16	307	229	32	590	0,5

668N/5 1 006680005

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g	Accuracy
20÷100	2÷10	15÷75	16	376	269	32	670	1,0

668N/10 1 006680010

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g	Accuracy
40÷200	4÷20	30÷150	16	450	352,6	32	795	2,0

668N/20 1 006680020

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	g	Accuracy
60÷300	6÷30	50÷220	16	588	475,9	32	1230	2,0

668N/30 1 006680030



## 668RG

click-type torque bar, ungraduated, for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$  (to be used with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
8÷60	0,8÷6	6÷44	16	288	550

<b>668RG/6</b>	1	006680206
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Nm	Kgfm	lbf.ft	Ø mm	L mm	g
20÷100	2÷10	15÷80	16	315	600

<b>668RG/10</b>	1	006680210
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Nm	Kgfm	lbf.ft	Ø mm	L mm	g
40÷200	4÷20	30÷150	16	405	780

<b>668RG/20</b>	1	006680220
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Nm	Kgfm	lbf.ft	Ø mm	L mm	g
60÷300	6÷30	50÷220	16	645	1130

<b>668RG/30</b>	1	006680230
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## 668RGC

click-type torque wrench, ungraduated, with reversible ratchet, for right-hand tightening, torque accuracy:  $\pm 4\%$  (for use with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g
12÷60	1,2÷6	5÷45	3/8	30	33	295	600

<b>668RGC/6</b>	1	006680406
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Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	335	700

<b>668RGC/10</b>	1	006680410
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Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	1/2	40	43	342	700

<b>668RGC/10X</b>	1	006680411
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Nm	Kgfm	lbf.ft	■ mm	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	425	1000

<b>668RGC/20</b>	1	006680420
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## 669N

click-type torque bars, rectangular female drive, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
5÷25	0,5÷2,5	4÷18	9x12	215	140	28,8	300

<b>669N/2</b>	1	006690202
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
10÷50	1÷5	7÷37	9x12	307	226,8	28,8	590

<b>669N/5</b>	1	006690205
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
20÷100	2÷10	15÷75	9x12	376	266,8	28,8	670

<b>669N/10</b>	1	006690210
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	9x12	450	345,6	28,8	795

<b>669N/20</b>	1	006690220
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	14x18	450	351	39,8	795

<b>669N/20X</b>	1	006690221
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
60÷300	6÷30	50÷220	14x18	588	468,5	39,8	1230

<b>669N/30</b>	1	006690230
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Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
80÷400	8÷40	60÷295	14x18	664	563	39,8	2100

<b>669N/40</b>	1	006690240
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## 671B/C5

torque bar item 604B/5 and accessories



<b>671B/C5</b>	1	006710001
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604B/5	1÷5 Nm
611	1/4
641	5-6-7-8 mm
900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,3 kg

## 671B/C10

torque bar item 604B/10 and accessories



<b>671B/C10</b>	1	006710002
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604B/10	2÷10 Nm
611	1/4
641	6-7-8-10 mm
900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,4 kg

## 671N/C10

torque bar 668N/10 and accessories



<b>671N/C10</b>	1	006710110
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668N/10	100 Nm
612	■ 3/8
617	■ 3/8
642	10-13-14-17-19 mm
652	10-13-14-17-19 mm
910A	□ 3/8 8-10-11-13-14-17-19 mm
910/21	125 mm
910/22	250 mm

400x180x45 mm - 4,3 kg

**671N/C20**  
torque bar 668N/20  
and accessories



1 006710120

671N/C20	668N/20	200 Nm
	614	■ 1/2
	619	■ 1/2
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	920A	□ 1/2 10-11-13-14-17-19-22 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

510x180x45 mm - 5,5 kg

**671N/C30**  
torque bar 668N/30  
and accessories



1 006710130

671N/C30	668N/30	300 Nm
	614	■ 1/2
	619	■ 1/2
	642	13-14-17-19 mm
	652	13-14-17-19 mm
	920A	□ 1/2 13-14-17-19-22-24-27 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

620x180x45 mm - 5,8 kg



**674/C**  
click-type torque bars,  
round drive Ø 22 mm,  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%,  
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	kg	ل
100÷500	10÷50	80÷400	22	786	725	56	3,4	1,25

1 006740005

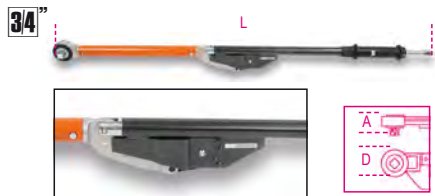
Nm	Kgfm	lbf.ft	Ø	L	LB	LS	kg	ل
160÷800	16÷80	120÷600	22	997	915	56	4,5	2,0

1 006740008

Nm	Kgfm	lbf.ft	Ø	L	LB	LS	kg	ل
200÷1000	20÷100	150÷750	22	997	915	56	4,5	2,5

1 006740010

**677**  
break-back torque wrenches  
with push-through ratchets  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
120÷600	12÷60	100÷450	69	55	1059	6,0	10

1 006770006

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
200÷800	20÷80	150÷600	69	55	1319	6,7	10

1 006770008

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
300÷1000	30÷100	200÷750	69	55	1554	7,4	20

1 006770010

**677/C**  
break-back torque wrenches  
with push-through ratchets,  
for right-hand and left-hand tightening,  
torque accuracy: ±4% in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
120÷600	12÷60	100÷450	69	55	1059	6,0	10

1 006770607

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
200÷800	20÷80	150÷600	69	55	1319	6,7	10

1 006770612

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
300÷1000	30÷100	200÷750	69	55	1554	7,4	20

1 006770616

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
700÷1500	70÷150	500÷1000	69	55	1869	9,6	25

1 006770621

**677/CP2000**  
break-back torque wrenches  
with push-through ratchets,  
for right-hand and left-hand tightening,  
torque accuracy: ± 4%  
in case



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D	A	L	kg	ل
900÷2000	90÷200	700÷1500	69	63	1940	12,75	50

1 006770721

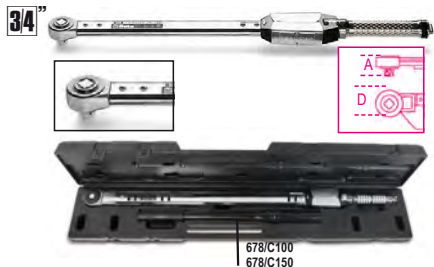


# Beta

## 678/C

click-type torque wrenches with push-through ratchets for right-hand and left-hand tightening, torque accuracy:  $\pm 4\%$  in case

• Models 678/C100 and 678/C150 supplied complete with extensions.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
130÷650	13÷65	100÷480	63	55	885	3,9

678/C65 1 006780607

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	220÷750	75	60	1250	6,0

678/C100 1 006780611

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
500÷1500	50÷150	370÷1100	75	60	1570	8,5

678/C150 1 006780615

## 677/CV - 678/CV

empty cases for torque wrenches items 677 and 678



677/CVN1 1 006770455  
677/C600-677/C800-677/C1000

677/CVN2 1 006770460  
677/C1500-677/CP2000

678/CV1 1 006780455  
678/C65

678/CV2 1 006780500  
678/C100

678/CV3 1 006780415  
677/C100-677/C150-678/C150

## 680

electronic digital torque meter  
Dynatester 680  
for testing calibration,  
clockwise/anticlockwise operation

- Accuracy:  $\pm 1\%$  of read value
- Colour LCD display, 4 digits
- 3 units of measurement: Nm - lbf.ft. - lbf.in



	Nm	kg	
680/3	0,1÷3	1,4	1 006800000
680/30	1,5÷30	1,4	1 006800003
680/350	10÷350	2,6	1 006800035
680/2100	200÷2100	3,5	1 006800210

## 682

electronic digital torque meter  
with transducer Dynatester 682  
to be used either clockwise  
or anticlockwise  
Remarkable reading accuracy  
Supplied with serial output RS 232  
for printers



### TECHNICAL FEATURES

#### Reading accuracy

$\pm 1\%$  of the read value

#### Available measuring units

Nm-dNm-cNm-Lbf.ft-Lbf.in-Ozft.in-Kgf.m-Kgf.cm-gf.cm

#### Supply range

90 to 264 V AC at 50/60 Hz

#### Dimensions

235x185x185 mm

#### Tolerance test according to norm ISO 6789

Acceptability range

for each torque wrench tested

#### Display

Menu available in 11 languages

#### Provided with all certificates required

Calibration certificate with UKAS traceability

	Nm	kg	
682/60	1,2÷60	5,9	1 006820006
682/400	8÷400	6,1	1 006820040
682/1500	30÷1500	6,4	1 006820150

## IMPACT SOCKETS



Impact sockets are oversized compared to hand sockets, so that they can absorb high torque as developed by impact wrenches and torque multipliers.

The new **bi-hex profile** allows for quick nut fit. They must be used with pins and grommets to prevent disengagement from the drive.

As well as the classic models in standard, long and long, slim series, the **new XZN® profile** is also available; furthermore, the range of accessories for impact sockets has been expanded.



## 710

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
7	12,5	28	19	3	007100007
8	13,8	28	19	3	007100008
9	15,0	28	19	3	007100009
10	16,3	28	19	3	007100010
11	17,5	30	19	3	007100011
12	19,0	30	19	3	007100012
13	20,0	30	22	3	007100013
14	21,3	30	22	3	007100014
16	23,8	30	22	3	007100016
17	25,0	30	22	3	007100017
18	26,3	30	22	3	007100018
19	27,5	30	22	3	007100019
21	30,0	32	22	3	007100021
22	32,0	32	22	3	007100022

## 710/C10

10 impact sockets



710/C10  
7-8-10-11-12-13  
14-17-19-22 mm

130x55x40 mm - 800 g

## 710/16

impact adaptor, 3/8" female and 1/2" male drives



L mm	Ø mm	□	■		
32	22	3/8	1/2	3	007100810

## 710/20

3/8" drive impact extension bar



L mm	Ø mm		
75	22	2	007100821

## 710/21

3/8" drive impact extension bar



L mm	Ø mm		
125	22	2	007100823

## 710/22

impact extension bar, 3/8" male and female square drives



L mm	Ø mm		
150	22	2	007100825

## 710/25

3/8" drive impact universal joint



L mm	Ø mm		
58	24	2	007100830

## 710/OR... - 710/SP...

rubber O-rings and locking pins for impact sockets



	710 mm	710/16 L mm		
710/OR1	7+12		10	007100921
710/OR2	13+22	32	10	007100922
710/SP1	7+12		10	007100911
710/SP2	13+22	32	10	007100912



## 720

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
8	15,0	38	25	5	007200008
9	16,0	38	25	5	007200009
10	17,0	38	25	5	007200010
11	18,5	38	25	5	007200011
12	20,0	38	25	5	007200012
13	21,0	38	25	5	007200013
14	22,5	38	25	5	007200014
15	23,0	38	30	5	007200015
16	25,0	38	30	5	007200016
17	26,0	38	30	5	007200017
18	27,5	38	30	5	007200018
19	28,5	38	30	5	007200019
20	30	38	30	5	007200020
21	31,0	38	30	5	007200021
22	32,5	38	30	5	007200022
23	34,0	38	30	5	007200023
24	35,0	38	30	5	007200024
27	38,5	45	30	3	007200027
29	41	47	30	3	007200029
30	42,0	50	30	3	007200030
32	44,0	50	30	3	007200032
36	50,0	50	30	3	007200036

## 720/C6

6 impact sockets



720/C6  
13-14-17-19-22-24 mm

195x80x55 mm - 1100 g

## 720/C12

12 impact sockets



720/C12  
10-11-12-13-14-17  
19-22-24-27-30-32 mm

195x80x55 mm - 2000 g

## 720/C24

24 impact sockets



720/C24

1 007200904

- 720 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
  - 720L 13 - 17 - 19 - 21 - 22 - 24 mm
  - 720LC 17 - 19 - 21 mm
- 420x185x60 mm - 6,2 kg

## 720B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

mm	Ø	L	Ø1		
10	17	38	25	5	007201010
11	18	38	25	5	007201011
12	19	38	25	5	007201012
13	20	38	25	5	007201013
14	22	38	25	5	007201014
15	23	38	30	5	007201015
16	24	38	30	5	007201016
17	26	38	30	5	007201017
18	27	38	30	5	007201018
19	28	38	30	5	007201019
21	30	38	30	5	007201021
22	31,8	38	30	5	007201022
23	31,8	38	30	5	007201023
24	33,8	40	30	5	007201024
27	37,8	43	30	3	007201027
30	41,8	43	30	3	007201030
32	43,8	43	30	3	007201032
36	49,8	50	30	3	007201036

## 720B/C12

12 bi-hex impact sockets



UNI/ISO 2725 DIN 3129

720B/C12  
10-11-12-13-14-17  
19-22-24-27-30-32 mm

1 007201912

195x80x55 mm - 2000 g

## 720MC

impact sockets,  
standard series,  
coloured



mm	Ø	L			
10	17,0	38		3	007202010
11	18,5	38		3	007202011
12	20,0	38		3	007202012
13	21,0	38		3	007202013
14	22,5	38		3	007202014
15	23,0	38		3	007202015
16	25,0	38		3	007202016
17	26,0	38		3	007202017
18	27,5	38		3	007202018
19	28,5	38		3	007202019
21	31,0	38		2	007202021
22	32,5	38		2	007202022
24	35,0	38		2	007202024

## 720MC/C13

13 impact sockets, coloured



720MC/C13  
10-11-12-13-14-15  
16-17-18-19-21-22  
24 mm

1 007202913

335x145x60 mm - 2,4 kg

## 720AS

impact sockets, standard series



mm	Ø	L	Ø1		
3/8	17,0	38	25	2	007200210
7/16	18,2	38	25	2	007200211
1/2	20,7	38	25	2	007200213
9/16	22,0	38	25	2	007200214
5/8	24,5	38	30	2	007200216
11/16	25,7	38	30	2	007200217
3/4	28,2	38	30	2	007200219
13/16	30,7	38	30	2	007200221
7/8	32,0	38	30	2	007200222
15/16	34,5	38	30	2	007200224
1	35,7	38	30	2	007200225
1.1/16	38,2	40	30	1	007200227
1.1/8	40,7	42	30	1	007200229
1.1/4	44,5	42	30	1	007200232

## 720S

impact sockets,  
compact series



mm	Ø	L	Ø1		
13	20,0	28,0	23,8	3	007200113
15	23,0	28,0	23,8	3	007200115
17	25,8	28,0	25,8	3	007200117
19	27,8	28,0	27,8	3	007200119
22	31,8	28,0	30,0	3	007200122
24	33,8	28,0	30,0	3	007200124



720S/SB6

13-15-17-19-22-24 mm

1 007200906

## 720L

impact sockets, long series



UNI/ISO 2725

mm	Ø	L	Ø1		
10	17,0	80	25	2	007200310
11	18,5	80	25	2	007200311
12	20,0	80	25	2	007200312
13	21,0	80	25	2	007200313
14	22,5	80	25	2	007200314
15	23,0	80	30	2	007200315
16	25,0	80	30	2	007200316
17	26,0	80	30	2	007200317
18	27,5	80	30	2	007200318
19	28,5	80	30	2	007200319
21	31,0	80	30	2	007200321
22	32,5	80	30	2	007200322
24	35,0	80	30	2	007200324
27	38,5	80	30	2	007200327
30	42,0	80	30	2	007200330
32	44,0	80	30	2	007200332
36	50,0	80	30	2	007200336

## 720L/S3

set of 3 impact sockets item 720L



17-19-21

1 007200355

## 720LS

impact sockets,  
long, slim series



mm	D mm	L mm	Ø1 mm		
10	15,5	78	24	2	007200360
11	16,7	78	24	2	007200361
12	18,0	78	24	2	007200362
13	19,2	78	24	2	007200363
14	20,5	78	24	2	007200364
15	21,7	78	24	2	007200365
16	23,0	78	24	2	007200366
17	24,2	78	29	2	007200367
18	25,5	78	29	2	007200368
19	26,7	78	29	2	007200369
21	29,2	78	29	2	007200371
22	30,5	78	29	2	007200372
24	33,0	78	29	2	007200374
27	36,7	78	29	2	007200377
30	40,5	78	29	2	007200380
32	43,0	78	29	2	007200382
36	48,0	78	29	2	007200386

## 720LC

wheel nut impact sockets,  
with coloured polymeric inserts



mm	Ø mm			
17	26,5	■	2	007200637
19	28,5	■	2	007200639
21	30,3	■	2	007200641
22	32,4	■	2	007200642
24	34,6	■	2	007200644



**720LC/C3**  
17-19-21 mm  
148x132x44 mm - 860 g



**720LC/S5**  
17-19-21-22-24 mm

12"



**720LC/PM5**  
17-19-21-22-24 mm  
1 007200646

## PM 1/2-Q5

magnetic socket rail



**PM 1/2-Q5**  
1 088880233

## 720IC

spare coloured polymeric inserts for impact sockets 720LC-720LCL



	mm			
720IC 17	17	■	1	007200687
720IC 19	19	■	1	007200689
720IC 21	21	■	1	007200691
720IC 22	22	■	1	007200692
720IC 24	24	■	1	007200694

## 720LCL

wheel nut impact sockets  
with coloured polymeric inserts,  
long series



mm	Ø mm			
17	26,5	■	1	007200737
19	28,5	■	1	007200739
21	30,3	■	1	007200741

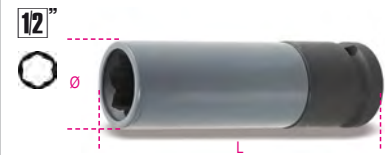
12"



**720LCL/C3**  
17-19-21 mm  
210x50x150 mm - 1,65 kg

## 720MRC

impact socket  
with polymeric insert for Mercedes wheel  
screw



mm	Ø mm	L mm		
17	27	85	1/2	1 007200631

## 720FRD

impact socket for Ford wheel nuts  
with aluminium damaged caps

required when nut caps are damaged by impact wrenches



mm	L mm		
18,5÷19,5	63	1	007200633

## 720RNG

impact socket for Jeep Renegade wheel nuts  
with aluminium damaged caps

required when nut caps  
are damaged by impact wrenches



mm	L mm		
16,5÷17,5	63	1	007200634







12"



**720TC/S5**  
90-100-110-120-135 Nm

260x50x175 mm - 1,35 kg

1 007200779

### 720FTX

impact sockets, for Torx® head screws

12"



	Ø mm	L mm	Ø1 mm	
E12	15,9	38	25	2 007200412
E14	17,7	38	25	2 007200414
E16	20,0	38	25	2 007200416
E18	22,0	38	25	2 007200418
E20	25,0	40	25	2 007200420
E24	30,0	40	30	2 007200424

12"



**720FTX/SB6**  
E10-E12-E14  
E16-E18-E20

1 007200450

### 720TX

impact socket drivers for Torx® head screws

12"



	Ø mm	L mm	L1 mm	
T30	25	78	54	3 007200460
T40	25	78	54	3 007200470
T45	25	78	54	3 007200472
T50	25	78	54	3 007200474
T55	25	78	54	3 007200476
T60	25	78	54	3 007200478

### 720TX/C6

6 impact socket drivers for Torx® head screws

12"



**720TX/C6**  
T30-T40-T45-  
T50-T55-T60

1 007200483

275x120x65 mm - 5700 g

### 720ME

impact socket drivers for hexagon screws

12"



mm	Ø mm	L mm	L1 mm	
5	25	78	54	3 007200505
6	25	78	54	3 007200506
8	25	78	54	3 007200508
10	25	78	54	3 007200510
12	25	78	54	3 007200512
14	25	78	54	3 007200514
17	25	78	54	3 007200517
19	25	78	54	3 007200519

### 720ME/C8

8 impact socket drivers for hexagon screws

12"



**720ME/C8**  
5-6-8-10-12-  
14-17-19 mm

1 007200525

270x120x45 mm - 1710 g

**9899 720ME/C8**

Thermoformed tray, empty

1 098990130



### 720XZN

impact socket drivers for XZN® head screws

12"



Ø	Ø mm	L mm	L1 mm	
M4	25	77	53	3 007201504
M5	25	77	53	3 007201505
M6	25	77	53	3 007201506
M8	25	77	53	3 007201508
M10	25	77	53	3 007201510
M12	25	77	53	3 007201512
M14	25	77	53	3 007201514
M16	25	77	53	3 007201516
M18	25	77	53	3 007201518

### 720XZN/C6

6 impact socket drivers for XZN® head screws

12"



**720XZN/C6**  
M8-M10-M12-M14  
M16-M18

1 007201530

275x120x65 mm - 5700 g

### 720/SN

impact sockets, articulated series

12"



Ø	Ø mm	L mm	Ø1 mm	
17	25,7	69,6	30	2 007200087
19	28,2	73,6	30	2 007200089
24	34,5	75,6	30	2 007200094

## 720/15

impact adaptor, 1/2" female and 3/8" male drives

12"



L	∅				
mm	mm	mm	mm	mm	mm
37,5	25	1/2	3/8		

3 007200810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 720/16

impact adaptor, 1/2" female and 3/4" male drives

12"



L	∅				
mm	mm	mm	mm	mm	mm
44	30	1/2	3/4		

3 007200814

## 720/20

1/2" drive impact extension bar

12"



L	∅				
mm	mm	mm	mm	mm	mm
75	25				

3 007200818

## 720/21

1/2" drive impact extension bar

12"



L	∅				
mm	mm	mm	mm	mm	mm
125	25				

3 007200822

## 720/22

impact extension bar, 1/2" male and female drives

12"



L	∅				
mm	mm	mm	mm	mm	mm
250	25				

3 007200824

## 720/25

1/2" drive impact universal joint

12"



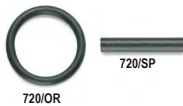
L	∅				
mm	mm	mm	mm	mm	mm
64	28				

2 007200831

## 720/OR... - 720/SP...

rubber O-rings and locking pins for impact sockets

12"



	720 ∅ mm	720TX ∅ mm		
720/OR1	10+14	T30+T60	10	007200923
720/OR2	15+36		10	007200924
720/SP1	10+14	T30+T60	10	007200913
720/SP2	15+36		10	007200914

## 727PI/16 1/2

impact bit holder for items 727/ES16, 727/ES16TX and 727/ES16XZN

12"



∅	L	∅			
mm	mm	mm	mm	mm	mm
28	42	16	1/2		

2 007270015

## 727PI/16

impact bit holder for item 727/ES16 and 727/ES16TX

3/4"



∅	L	∅			
mm	mm	mm	mm	mm	mm
44	52	16	3/4		

2 007270016

## 727/ES16

impact hexagon bits, 16 mm drive

12"



mm	∅ mm	L mm		
10	16	40	2	007270110
12	16	40	2	007270112
13	16	40	2	007270113
14	16	40	2	007270114
16	16	40	2	007270116
17	16	40	2	007270117
18	16	40	2	007270118
19	16	40	2	007270119
22	16	40	2	007270122

## 727/ES16TX

impact bits for Torx® head screws, 16 mm drive

12"



	∅ mm	L mm		
T55	16	50	2	007270355
T60	16	50	2	007270360
T70	16	50	2	007270370

## 727/ES16XZN

impact bits for XZN® head screws, 16 mm drive

12"



	∅ mm	L mm		
M6	16	60	2	007270606
M8	16	60	2	007270608
M10	16	60	2	007270610
M12	16	60	2	007270612
M14	16	60	2	007270614
M16	16	60	2	007270616
M18	16	60	2	007270618



## 727PI/22

impact bit holder for item 727/ES22 and 727/ES22TX



Ø mm	L mm	Ø mm	Quantity	Part No.
54	70	22	2	007270022

## 727/ES22

impact hexagon bits, 22 mm drive



mm	Ø mm	L mm	Quantity	Part No.
19	22	50	2	007270219
22	22	50	2	007270222
24	22	50	2	007270224
27	22	50	2	007270227
30	22	50	2	007270230
32	22	50	2	007270232

## 727/ES22TX

impact bits for Torx® head screws, 22 mm drive



Ø	mm	L mm	Quantity	Part No.
T80	22	60	2	007270480
T90	22	60	2	007270490
T100	22	60	2	007270500

## 727/C16

12 impact bits and 4 accessories



Part No.	Quantity	Part No.
727/C16	1	007270900

727PI/16	
727/ES16	14-17-19 mm
727/ES16TX	T55-T60-T70
727PI/22	
727/ES22	22-24-27 mm
727/ES22TX	T80-T90-T100
96BPC	3-4 mm
335x145x60 mm - 5,7 kg	

## 727PI/32

impact bit holder for item 727/ES32



Ø mm	L mm	Ø mm	Quantity	Part No.
86	66	32	1	007270032

## 727/ES32

impact hexagon bit, 32 mm drive



mm	Ø mm	L mm	Quantity	Part No.
19	32	44	2	007270519
22	32	44	2	007270522
24	32	44	2	007270524
27	32	44	2	007270527
30	32	44	2	007270530
32	32	44	2	007270532
36	32	44	2	007270536

## 728

impact sockets, standard series



UNI/ISO 2725 DIN 3129

Ø mm	mm	L mm	Ø1 mm	Quantity	Part No.
17	30,0	51	44	2	007280017
18	31,0	51	44	2	007280018
19	32,5	51	44	2	007280019
21	35,0	51	44	2	007280021
22	36,0	51	44	2	007280022
23	37,5	51	44	2	007280023
24	38,5	51	44	2	007280024
27	42,5	53	44	2	007280027
28	44,0	53	44	2	007280028
30	46,0	53	44	2	007280030
32	48,5	57	44	2	007280032
33	50,0	57	44	2	007280033
34	51,0	57	44	2	007280034
35	52,5	57	44	2	007280035
36	53,5	57	44	2	007280036
38	56,0	57	44	1	007280038
40	58,5	58	44	1	007280040
41	60,0	58	44	1	007280041
44	64,0	62	44	1	007280044
45	65,0	62	44	1	007280045
46	66,0	62	44	1	007280046
50	71,0	68	54	1	007280050
55	77,5	71	54	1	007280055
60	83,0	73	54	1	007280060
65	88,0	78	54	1	007280065



## 728/C10

10 impact sockets



Part No.	Quantity	Part No.
728/C10	1	007280910

17-19-22-24-27-30  
32-36-41-46 mm

275x120x65 mm - 5,7 kg

## 728B

bi-hex impact sockets



UNI/ISO 2725 DIN 3129

Ø mm	mm	L mm	Ø1 mm	Quantity	Part No.
17	28,5	50	38	2	007280117
19	30	52	38	2	007280119
21	32	52	38	2	007280121
22	34	52	38	2	007280122
23	35	52	38	2	007280123
24	36	52	38	2	007280124
27	40	52	40	2	007280127
29	42	52	42	2	007280129
30	44	52	44	2	007280130
32	48	52	44	2	007280132
33	50	56	44	2	007280133
34	51	56	44	2	007280134
35	52	56	44	2	007280135
36	53,5	56	44	2	007280136
38	56	56	44	1	007280138
41	60	58	44	1	007280141
46	67	63	44	1	007280146

## 728B/C10

10 bi-hex impact sockets



Part No.	Quantity	Part No.
728B/C10	1	007280930

17-19-22-24-27  
30-32-36-41-46 mm

275x120x65 mm - 5,7 kg

## 728AS

impact sockets,  
standard series



"	Ø mm	L mm	Ø1 mm		
3/4	32,0	51	41	1	007280219
13/16	35,0	51	41	1	007280221
7/8	36,0	51	41	1	007280222
15/16	38,5	51	41	1	007280224
1	40,0	53	41	1	007280225
1.1/16	42,5	53	44	1	007280227
1.1/8	44,0	53	44	1	007280230
1.1/4	48,5	57	44	1	007280232
1.5/16	50,0	57	44	1	007280233
1.7/16	53,5	57	44	1	007280236
1.1/2	56,0	57	44	1	007280238
1.5/8	60,0	58	44	1	007280241

## 728FTX

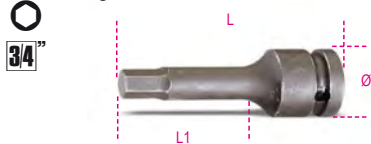
impact sockets, for Torx® head screws



"	Ø mm	L mm	Ø1 mm		
E20	28,5	50	44	2	007280420
E22	30,0	50	44	2	007280422
E24	32,5	50	44	2	007280424

## 728ME

impact socket drivers  
for hexagon screws



mm	Ø mm	L mm	L1 mm		
12	44	100	67	3	007280712
14	44	100	67	3	007280714
17	44	100	67	3	007280717
19	44	100	67	3	007280719
22	44	100	67	3	007280722
24	44	100	67	3	007280724

## 728ME/C6

6 impact socket drivers  
for hexagon screws



728ME/C6  
12-14-17-19-22-24 mm

335x145x60 mm - 4,0 kg

## 728L

impact sockets,  
long series



mm	D mm	L mm	Ø1 mm		
17	30	90	44	2	007280317
19	32,5	90	44	2	007280319
21	35,0	90	44	2	007280321
22	36,0	90	44	2	007280322
24	38,5	90	44	2	007280324
26	41,0	90	44	2	007280326
27	42,5	90	44	2	007280327
30	46,0	90	44	2	007280330
32	48,5	90	44	2	007280332
33	50,0	90	44	1	007280333
34	51,0	90	44	1	007280334
36	53,5	90	44	1	007280336
38	56,0	90	44	1	007280338
41	60,0	90	44	1	007280341
44	64,0	90	44	1	007280344
46	66,0	90	44	1	007280346
50	71,0	90	44	1	007280350
55	77,5	100	54	1	007280355



728L/S3  
30-32-36 mm

## 728LS

impact sockets, long slim series



mm	D mm	L mm	Ø1 mm		
17	28,0	100	43	2	007280517
19	30,5	100	43	2	007280519
22	34,3	100	43	2	007280522
24	36,8	100	43	2	007280524
27	40,5	100	43	2	007280527
30	44,3	100	43	2	007280530
32	46,8	100	43	2	007280532
33	48,0	100	43	2	007280533
36	51,8	100	43	1	007280536

## 728LQ

impact sockets, long series

(for ISUZU wheel nuts)



mm	L mm	Ø mm	Ø1 mm		
19	90	35	43,5	1	007280619
21	90	42	43,5	1	007280621

## 728/15

impact adaptor, 3/4" female  
and 1/2" male drives



L mm	Ø mm	□	■		
58	38	3/4	1/2	2	007280810



Always apply torque loads evenly  
and progressively to avoid breakage  
and any possible injury.

## 728/16

impact adaptor, 3/4" female and 1" male drives



L mm	Ø mm	□	■		
62	44	3/4	1	2	007280813

## 728/21

3/4" drive impact extension bar



L mm	Ø mm				
175	44	2	007280815		

## 728/22

3/4" drive impact extension bar



L mm	Ø mm				
250	44	2	007280825		

## 728/22L

3/4" drive impact extension bar



L mm	Ø mm				
330	44	1	007280826		

## 728/25

3/4" drive impact universal joint



L mm	Ø mm				
107,5	44	1	007280830		

## 728/OR - 728/SP

rubber O-rings and locking pins for impact sockets

3/4"



	728	728FTX		
	mm	mm		
728/OR-15	728/15		5	007280925
728/OR	17+46	E20+E24	10	007280926
728/SP	17+46	E20+E24	10	007280916

## 729

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	D mm	L mm	Ø1 mm		
24	41,5	58	54	1	007290024
27	45,0	60	54	1	007290027
30	49,0	62	54	1	007290030
32	51,5	63	54	1	007290032
33	52,5	63	54	1	007290033
34	54,0	63	54	1	007290034
36	56,5	66	54	1	007290036
38	59,0	66	54	1	007290038
41	62,5	68	54	1	007290041
46	69,0	72	54	1	007290046
50	74,0	76	54	1	007290050
55	80,0	84	54	1	007290055
60	86,5	88	54	1	007290060
65	92,5	92	54	1	007290065
70	99,0	96	54	1	007290070
75	105,0	102	63	1	007290075
80	111,5	102	63	1	007290080

## 729L

impact sockets, long series



mm	D mm	L mm	Ø1 mm		
24	41,5	108	54	1	007290324
27	45,0	108	54	1	007290327
30	49,0	108	54	1	007290330
32	51,5	108	54	1	007290332
33	52,2	108	54	1	007290333
34	54,0	108	54	1	007290334
36	56,5	108	54	1	007290336
41	62,5	108	54	1	007290341
46	69,0	108	54	1	007290346
50	74,0	108	54	1	007290350
55	80,0	108	54	1	007290355
60	86,5	108	54	1	007290360
65	92,5	108	54	1	007290365
70	99,0	108	54	1	007290370
75	105,0	108	63	1	007290375
80	111,5	108	63	1	007290380

## 729LS

impact sockets, long slim series



mm	D mm	L mm	Ø1 mm		
22	36,0	108	53	1	007290522
24	38,5	108	53	1	007290524
27	46,0	108	53	1	007290527
30	50,0	108	53	1	007290530
32	50,0	108	53	1	007290532
33	52,0	108	53	1	007290533
36	56,0	108	53	1	007290536

## 729T

impact torsion bars for wheel nuts



mm	L mm		
24	350	300	1 007290724
27	450	300	1 007290757
30	500	300	1 007290730
32	450	300	1 007290732
32	600	300	1 007290762
33	600	300	1 007290763
36	600	300	1 007290736

## 729/15

impact adaptor, 1" female and 3/4" male drives



L mm	Ø mm	□	■		
66,5	54	1	3/4	1	007290810



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 729/16

impact adaptor, 1" female and 1.1/2" male drives



L mm	Ø mm	□	■		
88	54,0	1	1.1/2	1	007290813

## 729/21

1" drive impact extension bar



L mm	Ø mm		
175	54	1	007290815

## 729/21L

impact extension bar, 1" male and female square drives



L mm	Ø mm		
250	54	1	007290826

## 729/22

1" drive impact extension bar



L mm	Ø mm		
330	54	1	007290825

## 729/25

1" drive impact universal joint



L mm	Ø mm		
130	54	1	007290830

## 729/OR... - 729/SP...

rubber O-rings and locking pins for impact sockets

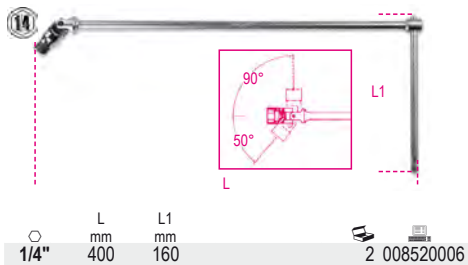


	728 mm	729-730 mm		
	mm	mm		
729/OR1	50+60	24+70	5	007290927
729/OR2		75+125	5	007290928
729/SP1	50+60	24+70	5	007290917
729/SP2		75+125	5	007290918



## 852

bit holder with articulated T handle



## 855P

reversible ratchet bit holder with articulated handle, and 7 built-in bits



L mm 240 L1 mm 100 1 008550010

- 860PH PH1 - PH2
- 860PZ PZ1 - PZ2
- 860LP LP 0,8x5,5 mm
- 860PE 4 - 5 mm

## 860LP

bits for slotted head screws, coloured



ISO 2351-1  
ISO 1173 C 6,3

SxA mm	L mm	
0,5x3	25	5 008600005
0,6x4,5	25	5 008600010
0,8x5,5	25	5 008600015
1x5,5	25	5 008600020
1,2x6,5	25	5 008600025

## 860PH

bits for cross head Phillips® screws, coloured



ISO 2351-2  
ISO 1173 C 6,3

PH	L mm	
0	25	5 008600220
1	25	5 008600225
2	25	5 008600230
3	25	5 008600245
4	25	5 008600250

## 860PZ

bits for cross head Pozidriv® - Supadriv® screws, coloured



ISO 2351-2  
ISO 1173 C 6,3

PZ	L mm	
1	25	5 008600320
2	25	5 008600325
3	25	5 008600330
4	25	5 008600335

## 860PE

hexagon bits for power drivers, coloured



ISO 2351-3  
ISO 1173 C 6,3

mm	L mm	
2	25	5 008600101
2,5	25	5 008600102
3	25	5 008600103
4	25	5 008600104
5	25	5 008600105
6	25	5 008600106
8	25	5 008600108
10	25	5 008600110

## 860TX

bits for Torx® head screws, coloured



ISO 1173 C 6,3

	L mm	
T6	25	5 008600704
T7	25	5 008600705
T8	25	5 008600710
T9	25	5 008600715
T10	25	5 008600720
T15	25	5 008600725
T20	25	5 008600730
T25	25	5 008600735
T27	25	5 008600740
T30	25	5 008600745
T40	25	5 008600750

## 860RTX

bits for Tamper Resistant Torx® head screws, coloured



ISO 1173 C 6,3

	L mm	
T9	25	5 008600550
T10	25	5 008600555
T15	25	5 008600560
T20	25	5 008600565
T25	25	5 008600570
T27	25	5 008600575
T30	25	5 008600580
T40	25	5 008600585

## 860/55

reversible bit ratchet



L mm 100 1/4 3 008600870

## 860/58

bit ratchet with rotating handle

- Bit can be fitted onto both sides, for screwing or unscrewing
- Bi-material handle



L mm 126 1/4" 27 15 1 008600884

## 860/C27

25 bits, 1 connector and 1 reversible ratchet in plastic case



860/C27 1 008600880

- 860/55 100 mm
- 860LP 0,5x3-1,0x5,5-1,2x6,5 mm
- 860PH PH1-PH2(x2)-PH3
- 860PZ PZ1-PZ2(x2)-PZ3
- 860PE 2-2,5-3-4-5-6 mm
- 860TX T6-T8-T10-T15-T20-T25-T30-T40
- 892/0 1/4 1/4



## 860/C38P

1 reversible ratchet bit holder with articulated handle, 27 bits, 8 hexagon sockets and 2 accessories



860/C38P 1 008600878

	<b>860LP</b>	0,6x4,5-0,8x5,5-1,0x5,5-1,2x6,5 mm
	<b>860PE</b>	2-2,5-3-4-5 mm
	<b>860PH</b>	PH1-PH2-PH3
	<b>860PZ</b>	PZ1-PZ2-PZ3
	<b>860TX</b>	T10-T15-T20-T25-T30-T40
	<b>900</b>	5-5,5-6-7-8-9-10-13 mm
	<b>892/0</b>	● 1/4 ■ 1/4
	<b>892/3</b>	● 1/4 ■ 1/4
	<b>855P</b>	240 mm
270x120x45 mm		

## 861LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	10	008610005
0,6x4	25	10	008610007
0,6x4,5	25	10	008610010
0,8x5,5	25	10	008610015
1x5,5	25	10	008610020
1,2x6,5	25	10	008610025
1,2x8	25	10	008610028
1,6x8	25	10	008610030

## 861PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	10	008610200
1	25	10	008610205
2	25	10	008610210
2L	50	10	008610213
3	25	10	008610215
4	25	10	008610220

## 861PH/C

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	200	008610250
1	25	200	008610255
2	25	200	008610260
2L	50	100	008610263
3	25	200	008610265
4	25	100	008610270

## 861PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	10	008610300
2	25	10	008610305
2L	50	10	008610308
3	25	10	008610310
4	25	10	008610315

## 861PZ/C

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	200	008610350
2	25	200	008610355
2L	50	100	008610358
3	25	200	008610360
4	25	100	008610365

## 861PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 6,3

mm	L mm		
2	25	10	008610100
2,5	25	10	008610105
3	25	10	008610110
4	25	10	008610115
5	25	10	008610120
6	25	10	008610125
8	25	10	008610130
10	25	10	008610135

## 861TX

bits for Torx® head screws

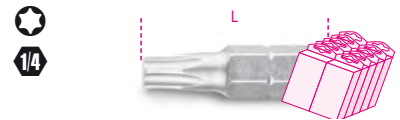


ISO 1173 C 6,3

T	L mm		
T5	25	10	008610399
T6	25	10	008610400
T7	25	10	008610405
T8	25	10	008610410
T9	25	10	008610415
T10	25	10	008610420
T15	25	10	008610425
T20	25	10	008610430
T25	25	10	008610435
T27	25	10	008610440
T30	25	10	008610445
T40	25	10	008610450

## 861TX/C

bits for Torx® head screws



ISO 1173 C 6,3

T	L mm		
T10	25	200	008610470
T15	25	200	008610475
T20	25	200	008610480
T25	25	200	008610485
T27	25	200	008610490
T30	25	200	008610495
T40	25	200	008610499

## 861RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 6,3

T	L mm		
T6	25	10	008610537
T7	25	10	008610538
T8	25	10	008610540
T9	25	10	008610500
T10	25	10	008610505
T15	25	10	008610510
T20	25	10	008610515
T25	25	10	008610520
T27	25	10	008610525
T30	25	10	008610530
T40	25	10	008610535
T45	25	10	008610539





## 861TRW

bits for Tri-Wing® head screws



ISO 1173 C 6,3

GR	L mm		
1	25	10	008610601
2	25	10	008610602
3	25	10	008610603
4	25	10	008610604
5	25	10	008610605
6	25	10	008610606

## 861TQS

bits for Torq-Set® head screws



ISO 1173 C 6,3

GR	L mm		
0	25	10	008610620
1	25	10	008610621
2	25	10	008610622
3	25	10	008610623
4	25	10	008610624
5	25	10	008610625
6	25	10	008610626
8	25	10	008610628
10	25	10	008610630

## 861SP

bits for Spanner screws



ISO 1173 C 6,3

SP	D mm	L mm		
4	1,5	25	10	008610650
6	2,4	25	10	008610653
8	2,8	25	10	008610656
10	3,3	25	10	008610658
12	3,9	25	10	008610660

## 1483KV-PT/S7



1483KV PT/S7

180



## 861PHZ/A10

10 bits with magnetic bit holder, in pocket case



861PHZ/A10

1 008610810

861PH	PH1 PH2 PH3	1 3 1
861PZ	PZ1 PZ2 PZ3	1 3 1
882M1	○ 1/4 ● 1/4	

## 861PE/A10

10 bits with magnetic bit holder, in pocket case



861PE/A10

1 008610820

861PE	2 - 2,5 3 - 4 - 5 6 - 8 mm	1 2 1
882M1	○ 1/4 ● 1/4	

## 861TX/A10

10 bits with magnetic bit holder, in pocket case



861TX/A10

1 008610870

861TX	T7 - T8 - T9 - T10 - T15 - T20 T25 - T27 - T30 - T40	1
882M1	○ 1/4 ● 1/4	

## 861MIX/A10

10 bits with magnetic bit holder, in pocket case



861MIX/A10

1 008610800

861LP	0,5x3 - 1x5,5 x 1,2x6,5 mm	1
861PH	PH1 PH2 PH3	1 2 1
861PZ	PZ1 - PZ2 - PZ3	1
882M1	○ 1/4 ● 1/4	

## 861MIX/A31

30 bits with quick release magnetic bit holder, in pocket case



861MIX/A31

1 008610802

861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm	
861PH	PH0 - PH1 - PH2 - PH3 - PH4	
861PE	2 - 2,5 - 3 - 4 - 5 - 6 8 - 10 mm	
861PZ	PZ1 - PZ2 - PZ3 - PZ4	
861RTX	T9 - T10 - T15 - T20 - T25 T27 - T30 - T40	
882MSR 50	○ 1/4 ● 1/4	



## 861/C61P

61 bits and 1 magnetic quick release bit holder

1/4"



861/C61P 1 008610978

- 861LP** 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1,0x5,5  
1,2x6,5 - 1,2x8 - 1,6x8 mm
  - 861PE** 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
  - 861PH** PH0 - PH1 - PH2 - PH3
  - 861PZ** PZ1 - PZ2 - PZ3
  - 861TX** T6 - T7 - T8 - T9 - T10 - T15  
T20 - T25 - T27 - T30 - T40
  - 861RTX** T9 - T10 - T15 - T20 - T25  
T27 - T30 - T40
  - 861TRW** 1 - 2 - 3 - 4 - 5 - 6
  - 861TQS** 0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10
  - 861SP** 4 - 6 - 8 - 10 - 12
  - 851SR** 1/4"
- 270x120x45 mm - 975 g

## 862LP

bits for slotted head screws

1/4"



ISO 2351-1  
ISO 1173 E 6,3

SxA mm	L mm	5
0,5x3	50	5 008620005
0,6x4,5	50	5 008620010
0,8x5,5	50	5 008620015
1x5,5	50	5 008620020
1,2x6,5	50	5 008620025
1,2x8	50	5 008620030
1,6x8	50	5 008620035

## 862PH

bits for cross head Phillips® screws

1/4"



ISO 2351-2  
ISO 1173 E 6,3

PH	L mm	5
1	50	5 008620200
2	50	5 008620205
3	50	5 008620210

## 862PH/L

bits for cross head Phillips® screws

1/4"



ISO 2351-2  
ISO 1173 E 6,3

PH	L mm	5
1	70	5 008620230
2	70	5 008620232
3	70	5 008620234

## 862PH-XL

bits for cross head  
Phillips® screws

1/4"



ISO 2351-2 ISO 1173 E 6,3

PH	L mm	5
1	100	5 008620250
2	100	5 008620252
3	100	5 008620254

## 862PZ

bits for cross head  
Pozidriv®-Supadriv® screws

1/4"



ISO 2351-2  
ISO 1173 E 6,3

PZ	L mm	5
1	50	5 008620300
2	50	5 008620305
3	50	5 008620310

## 862PE

hexagon bits for power drivers

1/4"



ISO 2351-3  
ISO 1173 E 6,3

mm	L mm	5
3	50	5 008620103
4	50	5 008620104
5	50	5 008620105
6	50	5 008620106
8	50	5 008620108

## 862TX

bits for Torx® head screws

1/4"



ISO 1173 E 6,3

T	L mm	5
T6	50	5 008620506
T7	50	5 008620507
T8	50	5 008620508
T9	50	5 008620509
T10	50	5 008620510
T15	50	5 008620515
T20	50	5 008620520
T25	50	5 008620525
T27	50	5 008620527
T30	50	5 008620530
T40	50	5 008620540

## 862TX/L

bits for Torx® head screws

1/4"



ISO 1173 E 6,3

T	L mm	5
T6	70	5 008620556
T7	70	5 008620557
T8	70	5 008620558
T9	70	5 008620559
T10	70	5 008620560
T15	70	5 008620565
T20	70	5 008620570
T25	70	5 008620575
T27	70	5 008620577
T30	70	5 008620580
T40	70	5 008620590

## 862TX-XL

bits for Torx®  
head screws

1/4"



ISO 1173 E 6,3

T	L mm	5
T9	100	5 008620659
T10	100	5 008620660
T15	100	5 008620665
T20	100	5 008620670
T25	100	5 008620675
T27	100	5 008620677
T30	100	5 008620680
T40	100	5 008620690



### 862F

magnetic bits, hexagon sockets



ISO 1173 E 6,3

mm	L mm	Ø mm		
5,5	65	11	5	008620405
6	65	11	5	008620406
7	65	11	5	008620407
8	65	13	5	008620408
10	65	15	5	008620410
12	65	18	5	008620412
13	65	18	5	008620413

### 862F/A7

7 magnetic bits, hexagon sockets, in plastic case



862F/A7

1 008620950

862F 5,5-6-7-8-10-12-13 mm

### 862XP/A16

16 impact bits in pocket-size case



862XP/A16

1 008620960

- ⊕ PH2(x2)-PH3
- ⊕ PZ2(x2)-PZ3
- ⊙ T20-T25(x2)
- ⊙ T30(x2)-T40(x2)
- 4-5-6 mm

### 866LP

bits for slotted head screws



ISO 2351-1  
ISO 1173 C 8

SxA mm	L mm		
1x5,5	41	10	008660005
1,2x6,5	41	10	008660010
1,6x8	41	10	008660015
1,6x10	41	10	008660020
2x12	41	10	008660025

### 866PH

bits for cross head Phillips® screws



ISO 2351-2  
ISO 1173 C 8

PH	L mm		
1	32	10	008660200
2	32	10	008660205
3	32	10	008660210
4	38	10	008660215

### 866PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2  
ISO 1173 C 8

PZ	L mm		
1	32	10	008660300
2	32	10	008660305
3	32	10	008660310
4	38	10	008660315

### 866PE

hexagon bits for power drivers



ISO 2351-3  
ISO 1173 C 8

mm	L mm		
3	30	10	008660100
4	30	10	008660105
5	30	10	008660110
6	30	10	008660115
7	30	10	008660117
8	30	10	008660120
10	30	10	008660125
12	30	10	008660132
14	30	10	008660134

### 866TX

bits for Torx® head screws



ISO 1173 C 8

T	L mm		
T20	30	10	008660400
T25	30	10	008660405
T27	30	10	008660410
T30	30	10	008660415
T40	30	10	008660420
T45	30	10	008660425
T50	30	10	008660430
T55	30	10	008660435
T60	30	10	008660440
T70	30	10	008660445

### 867PE

hexagon bits



mm	L mm		
4	30	5	008670104
5	30	5	008670105
6	30	5	008670106
7	30	5	008670107
8	30	5	008670108
10	30	5	008670110
12	30	5	008670112

### 867PE/L

hexagon bits



mm	L mm		
4	75	5	008670154
5	75	5	008670155
6	75	5	008670156
7	75	5	008670157
8	75	5	008670158
10	75	5	008670160
12	75	5	008670162

### 867XZN

bits with XZN® profile



M	L mm		
M4	30	5	008670204
M5	30	5	008670205
M6	30	5	008670206
M8	30	5	008670208
M10	30	5	008670210
M12	30	5	008670212

## 867XZN/L

bits with XZN® profile



Ø	L mm	5	10
M5	75	5	008670255
M6	75	5	008670256
M8	75	5	008670258
M10	75	5	008670260
M12	75	5	008670262

## 867TX

bits for Torx® head screws



Ø	L mm	5	10
T20	30	5	008670400
T25	30	5	008670405
T30	30	5	008670410
T40	30	5	008670415
T45	30	5	008670420
T50	30	5	008670425
T55	30	5	008670430

## 867TX/L

bits for Torx® head screws



Ø	L mm	5	10
T20	75	5	008670450
T25	75	5	008670455
T30	75	5	008670460
T40	75	5	008670465
T45	75	5	008670470
T50	75	5	008670475
T55	75	5	008670480

## 867RTX

bits for Tamper Resistant Torx® head screws



Ø	L mm	5	10
T20	30	5	008670500
T25	30	5	008670505
T30	30	5	008670510
T40	30	5	008670515
T45	30	5	008670520
T50	30	5	008670525
T55	30	5	008670530

## 867RTX/L

bits for Tamper Resistant Torx® head screws



Ø	L mm	5	10
T20	75	5	008670550
T25	75	5	008670555
T30	75	5	008670560
T40	75	5	008670565
T45	75	5	008670570
T50	75	5	008670575
T55	75	5	008670580

## 867RIBE

bits for RIBE® screws



Ø	L mm	5	10
M5	30	5	008670705
M6	30	5	008670706
M7	30	5	008670707
M8	30	5	008670708
M9	30	5	008670709
M10	30	5	008670710
M11	30	5	008670711
M12	30	5	008670712
M13	30	5	008670713

## 867RIBE/L

bits for RIBE® screws



Ø	L mm	5	10
M5	75	5	008670755
M6	75	5	008670756
M7	75	5	008670757
M8	75	5	008670758
M9	75	5	008670759
M10	75	5	008670760
M11	75	5	008670761
M12	75	5	008670762
M13	75	5	008670763

## 867/...

bit holder sockets for item 867



Ø	L mm	Ø	5	10		
867/1	10	3/8"	38	17	5	008670600
867/2	10	1/2"	38	22	5	008670601

## 867/C20

18 bits for RIBE® screws, with 10 mm hexagon drive and 2 accessories



867/C20 1 008670920

867RIBE	5-6-7-8-9-10-11-12-13 mm
867RIBE/L	5-6-7-8-9-10-11-12-13 mm
867/1	
867/2	

335x145x60 mm - 1,7 kg

## 867/C38

38 hexagon bits, 10 mm, 1 bit holder with articulated T handle



867/C38 1 008670938

852	10 mm
867PE	4-5-6-7-8-10-12mm
867PE/L	4-5-6-7-8-10-12mm
867XZN	M5-M6-M8-M10-M12
867XZN/L	M5-M6-M8-M10-M12
867TX	T20-T25-T30-T40-T45-T50-T55
867TX/L	T20-T25-T30-T40-T45-T50-T55
882	

420x185x60 mm - 3 kg



## 867/C52

52 hexagon bits, 10 mm and 2 accessories



867/C52 1 008670901

	○ 867PE	4-5-6-7-8-10-12 mm
	○ 867PE/L	4-5-6-7-8-10-12 mm
	○ 867XZN	M5-M6-M8-M10-M12
	○ 867XZN/L	M5-M6-M8-M10-M12
	⊕ 867TX	T20-T25-T30-T40-T45-T50-T55
	⊕ 867TX/L	T20-T25-T30-T40-T45-T50-T55
	⊕ 867RTX	T20-T25-T30-T40-T45-T50-T55
	⊕ 867RTX/L	T20-T25-T30-T40-T45-T50-T55
	867/1	○ 10 mm - □ 3/8"
	867/2	○ 10 mm - □ 1/2"

250x170x70 mm - 2,1 kg

## 852



852 1/4 79,117

## 882

bit holder with retaining ring for drivers



ISO 1173 E 6,3

L mm	○	●	∅ mm	5	008820001
57	1/4	1/4	11		

## 882AN

bevel gearbox, 1/4" hexagon drive

- For electric drills with 10 mm and 13 mm spindles and 1/4" impact wrenches
- Max. speed: 3600 rpm
- Max. torque: 30 Nm
- With quick change bit holder
- Gear ratio: 1:1
- Connection to tool through 1/4" hexagon D6.3



ISO 1173 E 6,3  
ISO 1173 C 6,3

L mm	○	●	1	008820090
137	1/4	1/4		

## 882M1

magnetic bit holder



ISO 1173 E 6,3

L mm	○	●	∅ mm	5	008820006
50	1/4	1/4	11		

## 882M

magnetic bit holder



ISO 1173 E 6,3

L mm	○	●	∅ mm	5	008820005
75	1/4	1/4	11		

## 882MSR

magnetic quick release bit holder for drivers



ISO 1173 E 6,3

L mm	○	●	∅ mm	5	008820205
50	1/4	1/4	11		
75	1/4	1/4	11		5 008820207

## 882P

magnetic bit holder extension bar



L mm	●	○	∅ mm	5	008820080
80	1/4	1/4	10		

## 892

adaptors for drivers



892/0  
892/1  
892/2  
892/3  
892/4  
892/5  
892/6  
892/7

	■	●	L mm	5	008920000
892/0	1/4	1/4	25		
* 892/1	1/4	5,5	50		5 008920001
* 892/2	3/8	5,5	50		5 008920002
* 892/3	1/4	1/4	50		5 008920003
* 892/4	3/8	1/4	50		5 008920004
892/5	1/4	5/16	75		5 008920005
892/6	3/8	5/16	75		5 008920006
892/7	1/2	1/4	75		5 008920007

\* ISO 1173 A 5,5  
° ISO 1173 C 6,3

## 895

socket holder for bits  
item 861 - 862 - 866



DIN 7427

	○	□	L mm	∅ mm	5	008950000
895/1	1/4	1/4	25,4	12		
895/3	1/4	3/8	29	16,8		5 008950001
895/4	5/16	3/8	29	16,8		5 008950002
895/5	1/4	1/2	38	22		5 008950005
895/6	5/16	1/2	38	22		5 008950003

## 897

flexible bit holder with handle



L mm	L1 mm	2	008970010
280	154		

## 897L

flexible bit holder with handle, long model



L mm	L1 mm	2	008970015
500	380		



# RATCHETS

**NEW DESIGN: BETA'S ESTABLISHED RANGE OF RATCHETS, DESIGNED AND MANUFACTURED IN THE COMPANY'S ITALIAN-BASED FACTORIES, HAS BEEN RESTYLED.**

- Innovative materials for top performance
- Hand pressing on head does not cause any reversal and allows for free lever return
- One-handed reversal

**The versions with 1/2" and 3/4" square drives allow for reduced weight, thus resulting in a product synonymous with optimal handiness, superior ease of use as well as uncompromising sturdiness and performance.**

Phosphated square drive

Minimum head size

Ergonomic bi-material handle

Hanging hole on handle



Operates in small spaces, at an angle of no more than 5°, thanks to the 72-tooth ring gear

## 900

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
mm	mm	mm	mm		
3,2	6,6	25	11,8	10	009000032
4	6,8	25	11,8	10	009000040
4,5	7,4	25	11,8	10	009000045
5	8,0	25	11,8	10	009000050
5,5	8,7	25	11,8	10	009000055
6	9,3	25	11,8	10	009000060
7	10,4	25	11,8	10	009000070
8	11,8	25	12,7	10	009000080
9	12,7	25	11,8	10	009000090
10	14,2	25	12,0	10	009000100
11	15,8	25	12,5	10	009000110
12	17,2	25	13,5	10	009000120
13	18,0	25	13,5	10	009000130
14	20,0	25	15,0	10	009000140



**900/SB13**  
4-4-5-5-5-5-6-7-8-9  
10-11-12-13-14 mm

1 009000150

## 900MB

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
mm	mm	mm	mm		
4	6,7	22	11,2	5	009000160
5	7,7	25	11,2	5	009000161
5,5	8,3	25	11,2	5	009000162
6	9,0	25	11,2	5	009000163
7	10,2	25	11,2	5	009000164
8	11,3	25	12,0	5	009000165
9	13,0	25	12,0	5	009000166
10	14,3	25	12,9	5	009000167
11	16,0	25	14,3	5	009000168
12	17,4	25	16,0	5	009000169
13	18,0	25	16,4	5	009000170
14	19,3	25	17,9	5	009000171



**900MB/SB12**  
4-5-5-5-6-7-8-9-10  
11-12-13-14 mm

1 009000179

## 900L

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
4	6,5	50	12,0	5	009000181
4,5	7,0	50	12,0	5	009000182
5	7,5	50	12,0	5	009000183
5,5	8,5	50	12,0	5	009000184
6	9,5	50	12,0	5	009000185
7	10,5	50	12,0	5	009000186
8	12,0	50	12,0	5	009000187
9	13,0	50	13,0	5	009000188
10	14,0	50	14,0	5	009000189
11	16,0	50	16,0	5	009000190
12	17,5	50	17,5	5	009000191
13	17,5	50	17,5	5	009000192
14	20,0	50	20,0	5	009000193



900L/SB13

4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

## 900MB/L

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1		
5	8,0	50	12,0	3	009000211
6	9,3	50	12,0	3	009000212
7	10,9	50	12,0	3	009000213
8	11,6	50	12,0	3	009000214
9	13,0	50	12,0	3	009000215
10	14,3	50	12,8	3	009000216
11	16,0	50	14,2	3	009000217
12	17,4	50	15,5	3	009000218
13	18,0	50	16,2	3	009000219
14	19,0	50	17,1	3	009000220



## 900AS

hexagon hand sockets



"	Ø	L	Ø1		
5/32	8,8	25	11,9	5	009000349
3/16	7,7	25	11,9	5	009000340
7/32	8,8	25	11,9	5	009000345
1/4	9,6	25	11,9	5	009000350
9/32	10,2	25	11,9	5	009000355
5/16	11,3	25	11,9	5	009000360
11/32	12,7	25	11,6	5	009000365
3/8	14,0	25	12,9	5	009000370
7/16	15,3	25	14,5	5	009000375
1/2	17,5	25	16,4	5	009000380
9/16	19,0	25	17,9	5	009000385



900AS/MB11

3/16-7/32-5/32-1/4-9/32-5/16  
11/32-3/8-7/16-1/2-9/16

## 900AS/MB

bi-hex hand sockets



SAE AS 954E

"	Ø	L	Ø1		
3/16	7,7	22	10,9	2	009000390
7/32	8,5	22	10,9	2	009000391
1/4	9,4	22	10,9	2	009000392
9/32	10,2	22	10,9	2	009000393
5/16	11,3	22	11,7	2	009000394
11/32	12,5	22	12,0	2	009000395
3/8	13,7	22	12,9	2	009000396
7/16	15,6	22	14,3	2	009000397
1/2	17,2	22	16,4	2	009000398
9/16	18,8	24	17,9	2	009000399

## 900AS/L

hexagon hand sockets, long series



SAE AS 954E

"	Ø	L	Ø1		
3/16	7,0	50	12,0	2	009000301
7/32	8,5	50	12,0	2	009000303
1/4	9,8	50	12,0	2	009000305
9/32	10,5	50	12,0	2	009000307
5/16	12,0	50	12,0	2	009000309
11/32	13,0	50	13,0	2	009000311

"	Ø	L	Ø1		
3/8	14,0	50	14,0	2	009000313
7/16	16,0	50	16,0	2	009000315
1/2	17,5	50	17,5	2	009000317
9/16	20,0	50	20,0	2	009000319

## 900AS/MBL

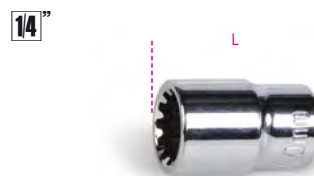
bi-hex hand sockets, long series



"	Ø	L	Ø1		
5/32	6,8	50	12,0	2	009000325
3/16	8,0	50	12,0	2	009000326
7/32	8,5	50	12,0	2	009000327
1/4	9,8	50	12,0	2	009000328
9/32	10,9	50	12,0	2	009000329
5/16	11,6	50	12,0	2	009000330
11/32	13,0	50	12,0	2	009000331
3/8	14,3	50	12,8	2	009000332
7/16	16,0	50	14,2	2	009000333
1/2	18,0	50	16,2	2	009000334
9/16	19,0	50	17,1	2	009000335

## 900U

gear lock hand sockets



mm	"	Ø	Ø1		
4	5/32	E5	M5	5	009001702
4,5	3/16	E6		5	009001703
5	13/64		M6	5	009001704
5,5	7/32	E7		5	009001705
6	1/4	E8	M8	5	009001706
7	9/32			5	009001707
8	5/16	E10	M10	5	009001708
9	11/32			5	009001709
10	3/8	E12	M12	5	009001710
11	7/16	E14	M14	5	009001711
12	15/32	E16		5	009001712
13	1/2		M16	5	009001713
14	9/16	E18	M18	5	009001714



900U/MB13

4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm

## 900FTX

hand sockets for Torx® head screws



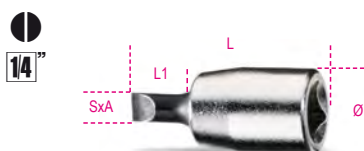
	Ø mm	L mm	Ø1 mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414



**900FTX/SB9**  
E4-E5-E6-E7-E8  
E10-E11-E12-E14  
1 009000419

## 900LP

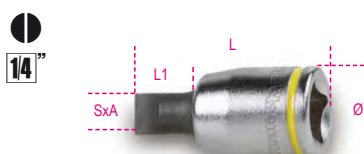
socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	5	009000605
1x5,5	12	28	9	5	009000610
1,2x6,5	12	28	9	5	009000615
1,2x8	13	28	8	5	009000620
1,6x10	14	28	8	5	009000625

## 900MC/LP

socket drivers  
for slotted head screws, coloured



SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	3	009002605
1,2x6,5	12	28	9	3	009002615
1,2x8	13	28	8	3	009002620

## 900PH

socket drivers  
for cross head Phillips® screws



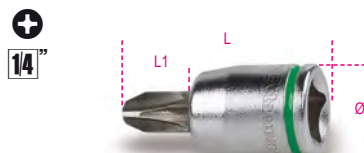
PH	Ø mm	L mm	L1 mm		
1	12	28	12	5	009000701
2	12	28	12	5	009000702
3	12	28	12	5	009000703
4	13	28	11	5	009000704



**900PH/SB4**  
PH1-PH2-PH3-PH4  
1 009000708

## 900MC/PH

socket drivers  
for cross head Phillips® screws, coloured



PH	Ø mm	L mm	L1 mm		
1	12	28	12	3	009002701
2	12	28	12	3	009002702
3	12	28	12	3	009002703

## 900PZ

socket drivers for cross head Pozidriv®-  
Supadriv® screws



PZ	Ø mm	L mm		
1	12	28	3	009000711
2	12	28	3	009000712
3	12	28	3	009000713

## 900ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
2,5	12	25	4,5	5	009000502
3	12	25	5,0	5	009000503
4	12	25	5,6	5	009000504
5	12	25	6,3	5	009000505
6	12	25	7,6	5	009000506
7	13	25	7,2	5	009000507
8	13	25	8,0	5	009000508
10	13	25	8,7	5	009000510



**900ME/SB8**  
2,5-3-4-5-6-7-8-10 mm  
1 009000518

## 900PE/AS

socket drivers for hexagon screws



"	Ø mm	L mm		
1/8	11,9	25	5	009000521
5/32	11,9	25	5	009000522
3/16	11,9	25	5	009000523
7/32	11,9	25	5	009000524
1/4	11,9	25	5	009000525
9/32	13,1	25	5	009000526
5/16	13,1	25	5	009000527

## 900PT

socket drivers for 5-star head screws



	Ø mm	L mm	L1 mm		
PT10	12	28	12	5	009000750
PT15	12	28	12	5	009000755
PT20	12	28	12	5	009000760
PT25	12	28	12	5	009000765
PT27	12	28	12	5	009000767
PT30	12	28	12	5	009000770



## 900TX

1/4" socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T6	12	28	12	5	009000717
T7	12	28	12	5	009000718
T8	12	28	12	5	009000719
T9	12	28	12	5	009000720
T10	12	28	12	5	009000721
T15	12	28	12	5	009000722
T20	12	28	12	5	009000723
T25	12	28	12	5	009000724
T27	12	28	12	5	009000725
T30	12	28	12	5	009000726
T40	12	28	12	5	009000727



900TX/SB8  
T9-T10-T15-T20  
T25-T27-T30-T40  
1 009000730

## 900MC/TX

socket drivers  
for Torx® head screws, coloured



Ø	L	L1		
mm	mm	mm		
T10	12	28	12	3 009002721
T15	12	28	12	3 009002722
T20	12	28	12	3 009002723
T25	12	28	12	3 009002724
T27	12	28	12	3 009002725
T30	12	28	12	3 009002726
T40	12	28	12	3 009002727

## 900/16

adaptor, 1/4" female and 3/8" male drives



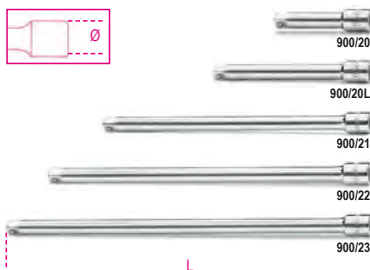
UNI/ISO 3316 DIN 3123

L	Ø		
mm	mm	1/4"	3/8"
28	13,0	1/4"	3/8"

5 009000814

## 900/...

1/4" female and male drive extension bars

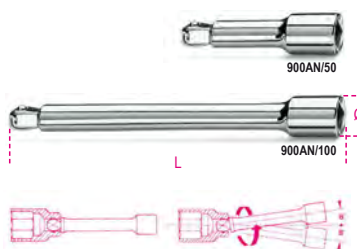


UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
900/20	50	11,5	5	009000818
900/20L	100	11,5	5	009000819
900/21	150	11,5	5	009000822
900/22	250	11,5	5	009000823
900/23	350	11,5	5	009000824

## 900AN

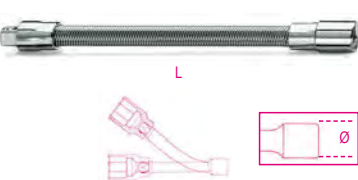
1/4" wobble extension bars



	L mm	Ø mm		
900AN/50	50	11,5	3	009000825
900AN/100	100	11,5	3	009000826

## 900FL

1/4" flexible universal extension bar



L	Ø		
mm	mm		
150	12	3	009000828

## 900/25

1/4" drive universal joint



UNI/ISO 3316 DIN 3123

L	Ø		
mm	mm		
41	12,5	5	009000830

## 900BG/30C

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
128	20	5	009000833

## 900BG/30

1/4" drive spinner handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
176	68	5	009000834

## 900/32

1/4" drive flexible handle



L	L1		
mm	mm		
280	154	2	009000839

## 900/35A

1/4" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
148	84	5	009000840

## 900M/35

1/4" swivel drive with metal handle



UNI/ISO 3315  
DIN 3122

L			
mm			
130		3	009000845

## 900/40

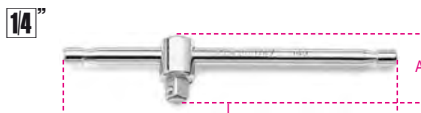
1/4" drive swivel T-handle



L	L1	
mm	mm	
390	145	3 009000843

## 900/42

1/4" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L	A	
mm	mm	
115	22	5 009000854

## 900T/44

1/4" male drive, bent, with high torque handle



L	L1	
mm	mm	
238	105	2 009000860

## 900/55

1/4" male square drive reversible ratchet, 48-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
127	25	29	5 009001155

## 900/55Z

1/4" drive reversible ratchet, 72 tooth mechanism



L	Ø	A	
mm	mm	mm	
126	25	23	3 009000882

## 900M/55

1/4" drive reversible ratchet with metal handle



UNI/ISO 3315  
DIN 3122

L	Ø	A	
mm	mm	mm	
110	22	18	3 009000905

Spare rotating mechanisms of ratchets



## 900/58

1/4" drive reversible ratchet with rotating handle, 52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L	Ø	A	
mm	mm	mm	
126	28	28,5	2 009000884

## 900/C39N

11 hexagon sockets, 21 bits and 7 accessories



900/C39N

1 009000947

	861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
	861PH	PH1-PH2-PH3
	861PZ	PZ1-PZ2-PZ3
	861PE	2,5-3-4-5-6 mm
	861RTX	T10-T15-T20-T25-T27-T30-T40
	900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/20	50 mm
	900/20L	100 mm
	900/25	
	900BG/30C	128 mm
	892/0	
	895/1	
	900/55Z	126 mm

## 900/C39U

11 gear lock sockets, 21 bits and 7 accessories



900/C39U

1 009001947

	861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
	861PH	PH1-PH2-PH3
	861PZ	PZ1-PZ2-PZ3
	861PE	2,5-3-4-5-6 mm
	861RTX	T10-T15-T20-T25-T27-T30-T40
	900U	<ul style="list-style-type: none"> <li>○ 5-5,5-6-7-8-9-10-11-12-13-14 mm</li> <li>* 13/64-7/32-1/4-9/32-5/16</li> <li>11/32-3/8-7/16-15/32-1/2-9/16</li> <li>◎ E7-E8-E10-E12-E14-E16-E18</li> <li>○ M6-M8-M10-M12-M14-M16-M18</li> </ul>
	900/20	50 mm
	900/20L	100 mm
	900/25	
	900BG/30C	128 mm
	892/0	
	895/1	
	900/55Z	126 mm



## 900/C11

11 hexagon sockets, 20 bits and 8 accessories

1/4"  
1/4"



900/C11 1 009000971

	861LP	0,5x3 - 0,8x5,5 1x5,5 - 1,2x6,5 mm
	861PE	3 - 4 - 5 - 6 - 8 mm
	861PH	0 - 1 - 2 - 3
	861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
	895/1	
	900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	176 mm
	900/42	
	900/55	

≡ 270x120x45 mm - 1,2 kg

9899 900C11 1 098990132  
Thermoformed tray, empty

## 900/C11Z

11 hexagon sockets, 20 bits and 8 accessories

1/4"  
1/4"



900/C11Z 1 009000984

	861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
	861PE	3 - 4 - 5 - 6 - 8 mm
	861PH	0 - 1 - 2 - 3
	861TX	T8 - T10 - T15 - T20 T25 - T30 - T40
	895/1	
	900	5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	176 mm
	900/42	
	900/55Z	

≡ 350x150x50 mm - 1,2 kg

9899 900C11 1 098990132  
Thermoformed tray, empty

## 900/C12MR

12 hexagon sockets, 20 bits and 7 accessories in foam tray, in metal case

1/4"  
1/4"



900/C12MR 1 009000962

	900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	128 mm
	900/58	
	895/1	
	861TX	T8-T10-T15-T20-T25-T30-T40
	861PH	PH0-PH1-PH2-PH3
	861LP	0,5-0,8-1-1,2 mm
	861PE	3-4-5-6-8 mm

≡ 350x150x50 mm 1,3 kg

## 900/C12MZ

12 hexagon sockets, 20 bits and 7 accessories in foam tray

1/4"  
1/4"



900/C12MZ 1 009000983

	900	4-5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	176 mm
	900/55Z	
	895/1	
	861TX	T8-T10-T15-T20-T25-T30-T40
	861PH	PH0-PH1-PH2-PH3
	861LP	0,5x3 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
	861PE	3-4-5-6-8 mm

≡ 350x150x50 mm - 1,2 kg

## 900/C13-5

13 hexagon sockets and 5 accessories

1/4"



900/C13-5 1 009000953

	900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	

≡ 270x120x45 mm - 1 kg

9899 900/C13-5 1 098990131  
Thermoformed tray, empty

## 900/C13-8

13 hexagon sockets and 8 accessories

1/4"



900/C13-8 1 009000954

	900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	

≡ 270x120x45 mm - 1,1 kg



## 900MB/C19

11 bi-hex sockets and 8 accessories

1/4"



### 900MB/C19

1 009000977

	900MB	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	
≡ 270x120x45 mm - 📦 1,1 kg		

## 900MB/C28

11 bi-hex sockets, 11 socket drivers and 6 accessories

1/4"



### 900MB/C28

1 009000979

	900MB	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm
	900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900PH	PH1 - PH2 - PH3
	900ME	3 - 4 - 5 - 6 - 8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	
≡ 270x120x45 mm - 📦 1,1 kg		

## 900MC/C32

11 coloured sockets, 20 coloured bits and 7 accessories

1/4"



### 900MC/C32

1 009002963

	900MC	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
	860LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	860PH	0 - 1 - 2 - 3
	860PE	3 - 4 - 5 - 6 - 8 mm
	860TX	T8 - T10 - T15 - T20 - T25 - T30 - T40
	895/1	
	900/20	
	900/21	
	900/25	
	900BG/30	
	900/42	
	900/55	
≡ 270x120x45 mm - 📦 1,2 kg		

## 900/C24

13 hexagon sockets, 11 socket drivers and 6 accessories

1/4"



### 900/C24

1 009000956

	900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900PH	PH1 - PH2 - PH3
	900ME	3 - 4 - 5 - 6 - 8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	
≡ 270x120x45 mm - 📦 1,1 kg		

## 900MC/C24

11 hexagon sockets, 13 coloured socket drivers and 6 accessories

1/4"



### 900MC/C24

1 009002960

	900MC	4 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
	900MC/PH	PH1 - PH2 - PH3
	900MC/TX	T10 - T15 - T20 - T25 - T27 - T30 - T40
	900MC/LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/42	
	900/55	
≡ 270x120x45 mm - 📦 1,1 kg		

## 900U/C12M

12 gear lock hand sockets, 20 bits and 7 accessories, in soft foam tray

1/4"



### 900U/C12M

1 009001792

	900U	○ 4-5-5,5-6-7-8-9-10-11-12-13-14 mm * 5/32-3/16-13/64-7/32-1/4-9/32-5/16 11/32-3/8-7/16-15/32-1/2-9/16 ◎ E5-E6-E7-E8-E10-E12-E14-E16-E18 ○ M5-M6-M8-M10-M12-M14-M16-M18
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	115 mm
	900BG/30	176 mm
	900/55	
	895/1	○ 1/4 - □ 1/4
	861LP	0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
	861PE	3-4-5-6-8 mm
	861PH	PH0-PH1-PH2-PH3
	861TX	T8-T10-T15-T20-T25-T30-T40
≡ 350x150x50 mm - 📦 1,2 kg		

## 900AS/C10 - /MB-C17

10 sockets and 7 accessories

14"



900AS/C10

1 009000961

	○ 900AS	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	

≡ 270x120x45 mm - 1,1 kg

900AS/MB-C17

1 009000981

	○ 900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900/35A	
	900/42	
	900/55	

≡ 270x120x45 mm - 1,1 kg

## 900AS/C17-MBM

10 bi-hex sockets and 7 accessories for aeronautical maintenance

14"



900AS/C17-MBM

1 009000982

	○ 900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
	900/20	50 mm
	900/21	150 mm
	900/25	
	900BG/30	
	900M/35	
	900/42	
	900M/55	

≡ 270x120x45 mm - 1,2 kg

## 900/C11HR

11 hexagon sockets, 20 bits and 7 accessories in hard foam tray, in metal case

• ratchet with rotating handle

14"

14"



900/C11HR

1 009000980

	● 861LP	0,5x3-0,8x5,5-1x5,5-1,2x6,5 mm
	⊕ 861PH	PH0-PH1-PH2-PH3
	○ 861PE	3-4-5-6-8 mm
	⊗ 861TX	T8-T10-T15-T20-T25-T30-T40
	895/1	
	○ 900	5-5,5-6-7-8-9-10-11-12-13-14 mm
	900/16	□ 1/4 - ■ 3/8
	900/20	50 mm
	900/21	150 mm
	900/25	
	900/42	
	900BG/30	
	900/58	

≡ 350x150x50 mm - 1,3 kg

## 902R/C6

6 adaptors for socket drivers



902R/C6

1 009020814

	900/16	□ 1/4 - ■ 3/8
	910/15	□ 3/8 - ■ 1/4
	910/16	□ 3/8 - ■ 1/2
	920/15	□ 1/2 - ■ 3/8
	920/16	□ 1/2 - ■ 3/4
	928/15	□ 3/4 - ■ 1/2

≡ 170x100x35 mm - 600 g

## 902A/C22

22 hexagon sockets and 6 accessories in metal case

14"

12"



902A/C22

1 009020807

	○ 900	5-5,5-6-7-8-9-10-11-12-13 mm
	900/20	50 mm
	900/25	
	900/55	
	○ 920A	10-13-14-15-17-18-19 22-24-27-30-32 mm
	920/21	125 mm
	920/25	
	920/55	

≡ 420x185x60 mm - 3,5 kg

9899 902A/C22

Thermoformed tray, empty

1 098990133

## 910A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
6	9,5	28	16,7	5 009100006
7	10,7	28	16,7	5 009100007
8	12,1	28	16,7	5 009100008
9	13,2	28	16,7	5 009100009
10	14,6	29	16,7	5 009100010
11	15,8	29	16,7	5 009100011
12	17,2	30	17,7	5 009100012
13	18,4	31	17,0	5 009100013
14	19,7	32	17,5	5 009100014
15	20,9	32	18,0	5 009100015
16	22,2	33	18,5	5 009100016
17	23,2	33	19,0	5 009100017
18	24,7	34	20,0	5 009100018
19	25,8	35	21,0	5 009100019
20	27,2	35	22,0	5 009100020
21	28,2	36	23,0	5 009100021
22	29,7	37	24,0	5 009100022



910A/SB17

6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21-22 mm

1 009100030

## 910B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	Hand	Part No.
6	9,5	28	16,7	5	009100106
7	10,7	28	16,7	5	009100107
8	12,1	28	16,7	5	009100108
9	13,2	28	16,7	5	009100109
10	14,6	29	16,7	5	009100110
11	15,8	29	16,7	5	009100111
12	17,2	30	17,7	5	009100112
13	18,4	31	17,0	5	009100113
14	19,7	32	17,5	5	009100114
15	20,9	32	18,0	5	009100115
16	22,2	33	18,5	5	009100116
17	23,2	33	19,0	5	009100117
18	24,7	34	20,0	5	009100118
19	25,8	35	21,0	5	009100119
20	27,2	35	22,0	5	009100120
21	28,2	36	23,0	5	009100121
22	29,7	37	24,0	5	009100122



**910B/SB17**  
6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21-22 mm  
1 009100130

## 910AL

hexagon hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	Hand	Part No.
8	12,0	55	17	3	009100158
9	13,0	55	17	3	009100159
10	14,5	55	17	3	009100160
11	16,0	55	17	3	009100161
12	17,0	55	17	3	009100162
13	18,0	55	17	3	009100163
14	20,0	55	18	3	009100164
15	21,0	55	20	3	009100165
16	22,0	55	20	3	009100166
17	23,5	55	22	3	009100167
18	24,5	55	23	2	009100168
19	25,0	55	24	2	009100169
21	27,0	65	26	2	009100171
22	29,0	65	28	2	009100172



**910AL/SB14**  
8-9-10-11-12-13-14  
15-16-17-18-19-21-22 mm  
1 009100174

## 910BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	Hand	Part No.
8	12,0	55	17	3	009100308
9	13,0	55	17	3	009100309
10	14,5	55	17	3	009100310
11	16,0	55	17	3	009100311
12	17,0	55	17	3	009100312
13	18,0	55	17	3	009100313
14	20,0	55	18	3	009100314
15	21,0	55	20	3	009100315
16	22,0	55	20	3	009100316
17	23,5	55	22	3	009100317
18	24,5	55	23	2	009100318
19	25,0	55	24	2	009100319
21	27,0	65	26	2	009100321
22	29,0	65	28	2	009100322



**910BL/SB14**  
8-9-10-11-12-13  
14-15-16-17-18  
19-21-22 mm  
1 009100340

## 910B/SN

swivel end bi-hex hand sockets



mm	Ø mm	L mm	Ø1 mm	Hand	Part No.
10	14,5	48,5	19	2	009100230
11	15,8	49,5	19	2	009100231
12	17,0	50,0	19	2	009100232
13	18,3	51,0	19	2	009100233
14	19,5	51,0	19	2	009100234
15	20,8	53,5	19	2	009100235
16	22,0	53,5	19	2	009100236
17	23,3	54,5	19	2	009100237
18	24,5	54,5	19	2	009100238
19	25,8	56,5	19	2	009100239

## 910A/AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm	Hand	Part No.
1/4	10,3	26	17,3	5	009100276
5/16	11,9	26	17,3	5	009100278
11/32	13,3	26	17,3	5	009100279
3/8	13,9	26	17,3	5	009100280
7/16	15,8	26	17,3	5	009100281
1/2	17,9	26	17,3	5	009100283
9/16	19,5	27	18,5	5	009100284
19/32	20,6	27	19,5	5	009100285
5/8	21,9	28	20,0	5	009100286
11/16	24,6	30	22,5	5	009100287
3/4	25,9	30	23,5	5	009100289
13/16	27,9	32	26,0	5	009100291
7/8	29,6	32	26,5	5	009100292



**910A-AS/SB13**  
1/4-5/16-11/32-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8  
1 009100295

## 910AS

bi-hex hand sockets



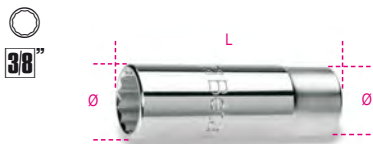
"	Ø mm	L mm	Ø1 mm	Hand	Part No.
1/4	9,5	28	16,7	5	009100201
5/16	12,1	28	16,7	5	009100202
11/32	13,2	28	16,7	5	009100203
3/8	14,6	29	16,7	5	009100204
7/16	15,8	29	16,7	5	009100205
1/2	18,4	31	17,0	5	009100206
9/16	19,7	32	17,5	5	009100207
19/32	20,9	32	18,0	5	009100208
5/8	22,2	33	18,5	5	009100209
11/16	24,7	34	20,0	5	009100210
3/4	25,8	35	21,0	5	009100211
13/16	28,2	36	23,0	5	009100212
7/8	29,7	37	24,0	5	009100213



**910AS/SB13**  
1/4-5/16-11/32-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8  
1 009100215

## 910AS/L

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm	Hand	Computer
1/4	10	55	17	3	009100350
5/16	12	55	17	3	009100351
3/8	14	55	17	3	009100352
7/16	16	55	17	3	009100353
1/2	18	55	17	3	009100354
9/16	20	55	18	3	009100355
19/32	21	55	20	3	009100356
5/8	22	55	20	3	009100357
11/16	23	55	22	3	009100359
3/4	25	55	24	3	009100360
13/16	27	65	26	3	009100362
7/8	29	65	28	3	009100363



**910ASL/SB12**  
1/4-5/16-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8

1 009100365

## 910AS/SN

swivel end bi-hex hand sockets



\* SAE AS 954E

"	Ø mm	L mm	Ø1 mm	Hand	Computer
* 3/8	14,0	48,0	19	2	009100260
* 7/16	15,8	51,0	19	2	009100261
* 1/2	18,3	51,0	19	2	009100262
* 9/16	19,5	51,0	19	2	009100263
* 5/8	22,0	53,5	19	2	009100264
11/16	24,5	54,5	19	2	009100265
3/4	25,8	56,5	19	2	009100266

## 910FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm	Hand	Computer
E4	6,2	26	17,3	5	009100404
E5	7,0	26	17,3	5	009100405
E6	8,3	26	17,3	5	009100406
E7	8,9	26	17,3	5	009100407
E8	9,9	26	17,3	5	009100408
E10	12,0	26	17,3	5	009100410
E11	13,3	26	17,3	5	009100411

"	Ø mm	L mm	Ø1 mm	Hand	Computer
E12	14,5	26	17,3	5	009100412
E14	15,8	26	17,3	5	009100414
E16	18,0	26	17,3	5	009100416
E18	19,5	26	18,5	3	009100418
E20	21,9	26	20,0	3	009100420



**910FTX/SB9**  
E4-E5-E6-E7-E8  
E10-E12-14-E16

1 009100430

## 910FTX/L

hand sockets for Torx® head screws, long series



"	Ø mm	L mm	Ø1 mm	Hand	Computer
E4	6,2	55	17,3	3	009100440
E5	7,0	55	17,3	3	009100441
E6	8,3	55	17,3	3	009100442
E7	8,9	55	17,3	3	009100443
E8	9,9	55	17,3	3	009100444
E10	12,0	55	17,3	3	009100445



**910FTX-L/SB6**  
E4-E5-E6  
E7-E8-E10

1 009100449

## 910FTX/XL

hexagon hand sockets for Torx® head screws, extra-long series



"	Ø mm	L mm	Ø1 mm	Hand	Computer
E6	8,0	200	18	2	009100766
E7	8,0	200	18	2	009100767
E8	10,0	200	18	2	009100768
E10	14,0	200	18	2	009100770
E11	14,0	200	18	2	009100771
E12	14,0	200	18	2	009100772
E14	17,0	200	18	2	009100774
E16	18,6	200	18	2	009100776
E18	21,5	200	18	2	009100778
E20	21,5	200	18	2	009100780

## 910FTX-XL/C10

set of 10 hand sockets for Torx® head screws, long series, in plastic case



**910FTX/XL-C10**  
E6-E7-E8-E10-E11-  
E12-E14-E16-E18-E20

1 009100976

255x195x62 mm - 2,3 kg

## 910LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm	Hand	Computer
1x5,5	18,5	54	24	2	009100452
1,2x6,5	18,5	54	24	2	009100453
1,2x8	18,5	54	24	2	009100454
1,6x9	18,5	54	24	2	009100456

## 910PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm	Hand	Computer
1	18,5	48	18	2	009100471
2	18,5	48	18	2	009100472
3	18,5	48	18	2	009100473
4	18,5	48	18	2	009100474



**910PH/SB4**  
PH1-PH2-PH3-PH4

1 009100478



## 910PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm		
3	18,5	50	20	5	009100490
4	18,5	50	20	5	009100492
5	18,5	50	20	5	009100494
6	18,5	50	20	5	009100496
7	18,5	50	20	5	009100497
8	18,5	50	20	5	009100498
9	18,5	50	20	5	009100499
10	18,5	50	20	5	009100500



910PE/SB7  
3-4-5-6-7-8-10 mm

## 910BP

ball head socket drivers  
for hexagon screws



mm	L mm	L1 mm		
4L	92	62	3	009100584
5L	92	62	3	009100585
6L	92	62	3	009100586
7L	92	62	3	009100587
8L	92	62	3	009100588
10L	132	102	3	009100590



910BP/SB6L  
4L-5L-6L-7L-8L-10L mm

## 910ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
4	18	62	15	5	009100504
5	18	62	15	5	009100505
6	18	62	15	5	009100506
7	18	62	15	5	009100507
8	19	62	15	5	009100508
10	20	62	15	5	009100510
12	20	62	15	5	009100512



910ME/SB5  
4-5-6-8-10 mm

## 910PE/AS

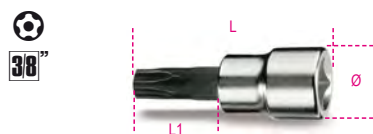
socket drivers for hexagon screws



"	Ø mm	L mm	L1 mm		
1/8	18,5	50	20	2	009100531
5/32	18,5	50	20	2	009100532
3/16	18,5	50	20	2	009100533
7/32	18,5	50	20	2	009100534
1/4	18,5	50	20	2	009100535
5/16	18,5	50	20	2	009100536
3/8	18,5	50	20	2	009100537

## 910PT

socket drivers for 5-star head screws



"	Ø mm	L mm	L1 mm		
PT40	20	50	20	3	009100540
PT45	20	50	20	3	009100545
PT50	20	50	20	3	009100550



910PT/SB8  
PT10-PT15-PT20-PT25  
PT30-PT40-PT45-PT50

## 910TX

socket drivers for Torx® head screws



"	Ø mm	L mm	L1 mm		
T15	18,5	50	20	5	009100519
T20	18,5	50	20	5	009100520
T25	18,5	50	20	5	009100521
T27	18,5	50	20	5	009100522
T30	18,5	50	20	5	009100523
T40	18,5	50	20	5	009100524
T45	18,5	50	20	3	009100525
T50	18,5	50	20	3	009100526



910TX/SB6  
T15-T20-T25  
T27-T30-T40

## 910XZN

socket drivers  
with XZN® profile



"	L mm		
M4	50	3	009100559
M5	50	3	009100560
M6	50	3	009100561
M8	50	3	009100563
M10	50	3	009100565

## 910CF

3/8" square drive crowfoot wrenches



mm	A mm	L mm		
10	21,3	32,3	2	009100135
11	23,1	34,3	2	009100136
12	25,5	36,2	2	009100137
13	26,9	37,4	2	009100138
14	30,2	40,0	2	009100139
15	33,3	41,3	2	009100140
16	33,3	41,3	2	009100141
17	38,1	46,5	2	009100142
18	38,1	46,5	2	009100143
19	39,6	48,0	2	009100144



910CF/SB10  
10-11-12-13-14-15  
16-17-18-19 mm

## 910/15

adaptor, 3/8" female  
and 1/4" male drivers



UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
30	17,0	3/8	1/4	5	009100810



Always apply torque loads evenly  
and progressively to avoid breakage  
and any possible injury.



## 910/16

adaptor, 3/8" female and 1/2" male drives

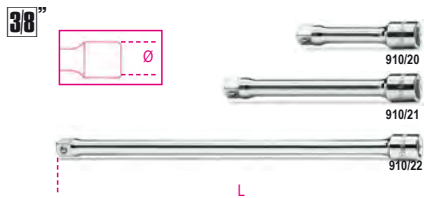


UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■	3	5
32	18,0	3/8	1/2		5 009100814

## 910/20 - 910/21 - 910/22

3/8" drive extension bars

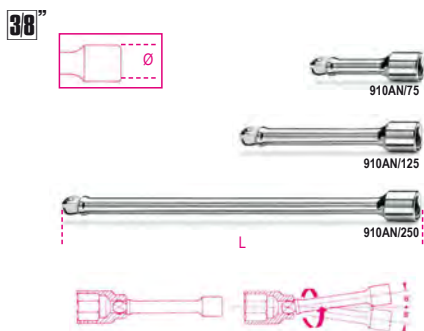


UNI/ISO 3316 DIN 3123

	L mm	Ø mm	3	5
910/20	75	17		5 009100820
910/21	125	17		5 009100822
910/22	250	17		5 009100826

## 910AN

3/8" wobble extension bars



	L mm	Ø mm	3	5
910AN/75	75	17		3 009100827
910AN/125	125	17		3 009100828
910AN/250	250	17		3 009100829

## 910/25

3/8" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm	3	5
54,6	19		5 009100830

## 910M/35

3/8" swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm	3
250	3 009100839

## 910/36A

3/8" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm	3
255	154	3 009100845

## 910/40

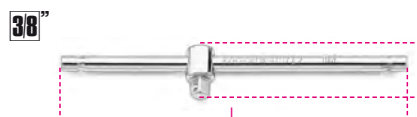
3/8" drive swivel T-handle



L mm	L1 mm	3
420	175	3 009100850

## 910/42

3/8" drive sliding T-handle

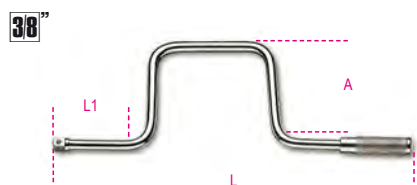


UNI/ISO 3315 DIN 3122

L mm	A mm	3	5
210	30,5		5 009100854

## 910/46

3/8" square drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm	1
315	80	115	1 009100862

## 910/55

3/8" male square drive reversible ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	3
207	31	33	3 009101155

Spare rotating mechanisms of ratchets



## 910M/55

3/8" drive reversible ratchet with metal handle



DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm	2
178	30	26	2 009100875

## 910M/56

3/8" drive reversible swivel ratchet with metal handle



L mm	Ø mm	A mm	2
265	31	29	2 009100887



## 910/58

3/8" drive reversible ratchet with rotating handle, 52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L mm	Ø mm	A mm	1
222	37	38,5	009100884

## 910.../C10

10 sockets and 2 accessories



910A/C10	1
009100909	

910A	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	

270x120x45 mm - 1,3 kg

910B/C10	1
009100910	

910B	6 - 7 - 8 - 10 - 11 - 12 13 - 14 - 17 - 19 mm
910/21	125 mm
910/55	

270x120x45 mm - 1,3 kg

# Beta

## 910A/C16...

16 hexagon sockets and 5 accessories



910A/C16	1
009100936	

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

335x145x60 mm - 2,3 kg

9899 910C16	1
098990134	

Thermoformed tray, empty

## 910B/C16...

16 bi-hex sockets and 5 accessories



910B/C16	1
009100937	

910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

335x145x60 mm - 2,3 kg

9899 910C16	1
098990134	

Thermoformed tray, empty

## 910A/C17

17 hexagon sockets and 9 accessories



910A/C17	1
009100938	

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
910/15	□ 3/8 - ■ 1/4
910/16	□ 3/8 - ■ 1/2
910/21	125 mm
910/22	250 mm
910/25	
910/36A	
910/42	
910/46	
910/55	

420x280x60 mm - 4,0 kg

## 910.../C29

17 sockets, 12 socket drivers and 5 accessories



910A/C29	1
009100944	

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
910PH	PH1 - PH2 - PH3
910PE	3 - 4 - 5 - 6 - 8 - 10 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

420x185x60 mm - 3,5 kg

910B/C29	1
009100945	

910B	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 - 20 21 - 22 mm
910LP	1x5,5 - 1,2x6,5 - 1,2x8 mm
910PH	PH1 - PH2 - PH3
910PE	3 - 4 - 5 - 6 - 8 - 10 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

420x185x60 mm - 3,5 kg



## 910AS/C13...

13 bi-hex sockets and 5 accessories



910AS/C13 1 009100925

910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
910/21	125 mm
910/22	250 mm
910/42	
910/25	
910/55	
335x145x60 mm - 2,3 kg	

## 910AS/MBM-C18

13 bi-hex sockets and 5 accessories for aeronautical maintenance



910AS/MBM-C18 1 009100926

910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910M/55	
335x145x60 mm - 2,5 kg	



## 910A/C16HR

16 hexagon sockets and 5 accessories



910A/C16HR 1 009100935

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	210 mm
910/58	
335x145x60 mm - 2,4 kg	

## 920A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

Ø	mm	mm	L	mm	Ø1	mm	
8	12,4	38	21,7	10	009200008		
9	13,5	38	21,7	10	009200009		
10	14,9	38	21,7	10	009200010		
11	16,1	38	21,7	10	009200011		
12	17,5	38	21,7	10	009200012		
13	18,7	38	21,7	10	009200013		
14	20,1	38	21,7	10	009200014		
15	21,5	38	22,5	10	009200015		
16	22,7	38	23,7	10	009200016		
17	24,1	38	23,1	10	009200017		
18	25,3	39	24,0	10	009200018		
19	26,6	39	24,0	10	009200019		
20	27,8	40	25,0	5	009200020		
21	28,8	40	25,0	5	009200021		
22	29,9	41	26,0	5	009200022		
23	30,8	42	26,0	5	009200023		
24	32,2	43	27,0	5	009200024		
25	33,2	44	27,0	5	009200025		
26	34,7	45	28,0	5	009200026		
27	36,2	46	29,0	5	009200027		
28	37,2	47	30,0	5	009200028		
29	38,6	48	31,0	5	009200029		
30	40,2	48	32,0	5	009200030		
32	42,3	49	34,0	5	009200032		



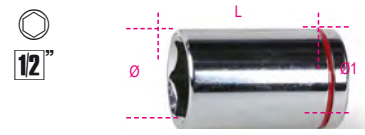
920A/SB13 1 009200040  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm



920A/SB8 1 009200042  
23-24-25-26-27-28-30-32 mm

## 920MC

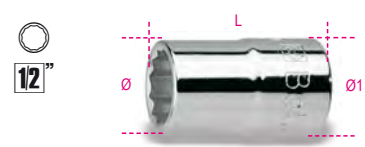
hexagon hand sockets, coloured



Ø	mm	mm	L	mm	Ø1	mm	
8	13,2	38	22	5	009202008		
10	15,3	38	22	5	009202010		
11	16,5	38	22	5	009202011		
12	17,8	38	22	5	009202012		
13	19,0	38	22	5	009202013		
14	20,3	38	22	5	009202014		
15	21,6	38	22	5	009202015		
16	23,0	38	23	5	009202016		
17	23,9	38	24	5	009202017		
18	25,0	38	25	5	009202018		
19	26,5	38	24	5	009202019		
21	28,8	38	27	3	009202021		
22	29,9	40	28	3	009202022		
24	32,8	40	30	3	009202024		

## 920B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

Ø	mm	mm	L	mm	Ø1	mm	
8	12,4	38	21,7	10	009200108		
9	13,5	38	21,7	10	009200109		
10	14,9	38	21,7	10	009200110		
11	16,1	38	21,7	10	009200111		
12	17,5	38	21,7	10	009200112		
13	18,7	38	21,7	10	009200113		
14	20,1	38	21,7	10	009200114		
15	21,5	38	22,5	10	009200115		
16	22,7	38	23,7	10	009200116		
17	24,1	38	23,1	10	009200117		
18	25,3	39	24,0	10	009200118		
19	26,6	39	24,0	10	009200119		
20	27,8	40	25,0	5	009200120		
21	28,8	40	25,0	5	009200121		
22	29,9	41	26,0	5	009200122		
23	30,8	42	26,0	5	009200123		
24	32,2	43	27,0	5	009200124		
25	33,2	44	27,0	5	009200125		
26	34,7	45	28,0	5	009200126		
27	36,2	46	29,0	5	009200127		
28	37,2	47	30,0	5	009200128		
29	38,6	48	31,0	5	009200129		
30	40,2	48	32,0	5	009200130		
32	42,3	49	33,9	5	009200132		



920B/SB13 1 009200140  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm

12"



**920B/SB8**  
23-24-25-26-27  
28-30-32 mm

1 009200142

**920AL**

hexagon hand sockets,  
long series

12"



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	
10	14,7	77	21	5 009200626
12	17,8	77	21	5 009200627
13	19,0	77	22	5 009200628
14	20,3	77	22	5 009200629
15	21,5	77	22	5 009200630
16	22,8	77	22	5 009200631
17	24,0	77	23	5 009200632
18	25,0	77	24	5 009200633
19	26,5	77	25	5 009200634
21	29,0	77	27	5 009200635
22	30,0	77	28	5 009200636
23	31,5	77	29	5 009200637
24	32,8	77	30	5 009200638
27	36,5	77	33	3 009200639
30	40,0	77	36	3 009200640
32	42,8	77	38	3 009200641
36	48,0	77	41	3 009200642

12"



**920AL/SB11**  
10-12-13-14-15-16  
17-18-19-21-22 mm

1 009200644

**920BL**

bi-hex hand sockets, long series

12"



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	
10	14,7	77	21	5 009200310
12	17,8	77	21	5 009200312
13	19,0	77	22	5 009200313
14	20,3	77	22	5 009200314
15	21,5	77	22	5 009200315
16	22,8	77	22	5 009200316
17	24,0	77	23	5 009200317
18	25,0	77	24	5 009200318
19	26,5	77	25	5 009200319
21	29,0	77	27	5 009200321
22	30,0	77	28	5 009200322
23	31,5	77	29	5 009200323
24	32,8	77	30	5 009200324
27	36,5	77	33	3 009200327
30	40,0	77	36	3 009200330
32	42,8	77	38	3 009200332
36	48,0	77	41	3 009200336

12"



**920BL/SB11**  
10-12-13-14-15-16-17-18  
19-21-22 mm

1 009200338

**920A/AS**

hexagon hand sockets

12"



"	Ø mm	L mm	Ø1 mm	
3/8	14,6	37	21	2 009200270
7/16	16,5	37	21	3 009200272
1/2	19,0	37	22	3 009200273
9/16	20,3	37	22	3 009200274
19/32	21,0	37	22	3 009200275
5/8	22,8	37	22	3 009200276
11/16	25,0	37	24	3 009200277
3/4	26,5	38	25	3 009200279
25/32	28,0	38	26	3 009200280
13/16	29,0	38	27	3 009200281
7/8	30,0	40	28	3 009200282
15/16	32,8	42	30	3 009200284
1	35,0	42	32	3 009200285
1.1/16	36,5	43	33	2 009200287
1.1/8	39,0	43	35	2 009200289
1.3/16	41,0	46	36	2 009200290
1.1/4	42,8	46	38	2 009200292

12"



**920A-AS/SB11**  
3/8-7/16-1/2-9/16-5/8  
11/16-3/4-13/16-7/8  
15/16-1

1 009200295

**920AS**

bi-hex hand sockets

12"



"	Ø mm	L mm	Ø1 mm	
3/8	14,9	38	21,7	3 009200201
7/16	16,1	38	21,7	3 009200202
1/2	18,7	38	21,7	3 009200203
9/16	20,1	38	21,7	3 009200204
5/8	22,7	38	22,5	3 009200206
19/32	21,5	38	23,7	3 009200207
11/16	25,3	39	24,0	3 009200208
3/4	26,6	39	24,0	3 009200209
25/32	27,8	40	25,0	3 009200210
13/16	28,8	40	25,0	3 009200211
7/8	29,9	41	26,0	3 009200212
15/16	32,2	43	27,0	3 009200214
1	34,2	45	28,0	3 009200216
1.1/16	36,2	46	29,0	2 009200217
1.1/8	38,6	48	31,0	2 009200218
1.3/16	40,2	48	32,0	2 009200219
1.1/4	42,3	49	33,5	2 009200220

12"



**920AS/SB11**  
3/8-7/16-1/2-9/16-5/8  
11/16-3/4-13/16-7/8  
15/16-1

1 009200225

**920AS/L**

bi-hex hand sockets, long series

12"



"	Ø mm	L mm	Ø1 mm	
1/2	19,0	77	22	2 009200352
9/16	20,3	77	22	2 009200353
5/8	22,8	77	22	2 009200355
11/16	25,0	77	24	2 009200357
3/4	26,5	77	25	2 009200358
13/16	29,0	77	27	2 009200360
7/8	30,0	77	28	2 009200361
15/16	32,8	77	30	2 009200362
1	35,0	77	32	2 009200363
1.1/16	36,5	77	33,0	2 009200364
1.1/8	37,8	77	34	2 009200365

12"



**920ASL/SB11**  
1/2-9/16-5/8-11/16  
3/4-13/16-7/8-15/16  
1-1.1/8-1.1/16

1 009200369

**920U**

gear lock hand sockets

12"



mm	"	Ø	M	L mm	
10	3/8	E12	M12	38	5 009201710
11	7/16	E14	M14	38	5 009201711
12	15/32	E16		38	5 009201712
13	1/2		M16	38	5 009201713
14	9/16	E18	M18	38	5 009201714
15	19/32			38	5 009201715
16	5/8	E20		38	5 009201716
17				38	5 009201717
18		E22		38	5 009201718
19	3/4	E24		38	5 009201719
20	25/32			38	3 009201720
21				38	3 009201721
22	7/8			38	3 009201722
24	15/16			38	3 009201724
27	1.1/16			42	3 009201727
30	1.1/8			44	3 009201730
32	1.1/4			44	3 009201732

12"



**920U/SB13**  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm

1 009201740

12"



**920U/SB4**  
24-27-30-32 mm

1 009201744



12"



**920FTX-LSB6**  
E10-E12-E14  
E16-E18-E20

1 009200409

## 920FTX

hand sockets for Torx® head screws



12"



	Ø mm	L mm	Ø1 mm		
E10	13,2	36	21	5	009200380
E12	15,0	37	21	5	009200381
E14	16,3	37	21	5	009200382
E16	18,8	37	22	5	009200383
E18	20,4	37	22	5	009200384
E20	22,9	37	22	5	009200385
E22	25,0	37	24	3	009200387
E24	26,5	40	25	3	009200388



12"



**920FTX/SB6**  
E10-E12-E14  
E16-E18-E20

1 009200390



12"



**920FTX/C8**  
E10-E12-E14-E16  
E18-E20-E22-E24

1 009200391

270X120X45 mm - 1 kg

## 920FTX/L

hand sockets for Torx® head screws,  
long series



12"



	Ø mm	L mm	Ø1 mm		
E10	13,2	77	21,0	5	009200400
E12	15,0	77	21,0	5	009200401
E14	16,3	77	21,0	5	009200402
E16	18,8	77	21,8	3	009200403
E18	20,4	77	21,8	3	009200404
E20	22,9	77	22,0	3	009200405



12"



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	22,5	62	24	3	009200452
1,2x6,5	22,5	62	24	3	009200453
1,2x8	22,5	62	24	3	009200454
1,6x9	22,5	62	24	3	009200456
2x12	22,5	62	24	3	009200458

## 920PH

socket drivers for cross head Phillips® screws



12"



PH	Ø mm	L mm	L1 mm		
1	22,5	56	18	3	009200471
2	22,5	56	18	3	009200472
3	22,5	56	18	3	009200473
4	22,5	56	18	3	009200474



12"



**920PH/SB4**  
PH1-PH2-PH3-PH4

1 009200479

## 920LH/SB7

socket drivers for cross head  
Phillips® screws



12"



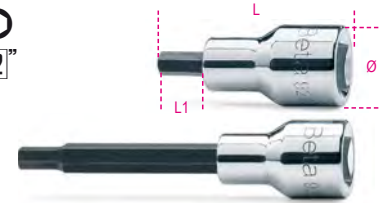
920LH/SB7					
920LP	1,2x6,5 - 1,2x8			1	009200478
920PH	1,6x9 - 2x12 mm				
	PH2 - PH3 - PH4				

## 920PE

socket drivers for hexagon screws



12"



DIN 7422

mm	Ø mm	L mm	L1 mm		
3	22,5	58	20	5	009200410
4	22,5	58	20	5	009200412
5	22,5	58	20	5	009200414
5L	22,5	100	62	5	009200415
6	22,5	58	20	5	009200417
6L	22,5	100	62	5	009200418
7	22,5	58	20	5	009200420
7L	22,5	100	62	5	009200421
8	22,5	58	20	5	009200423
8L	22,5	100	62	5	009200424
9	22,5	58	20	5	009200425
9L	22,5	140	102	5	009200426
10	22,5	58	20	5	009200428
10L	22,5	140	102	5	009200429
12	23,0	58	20	5	009200432
12L	22,5	140	102	5	009200433
14	23,0	58	20	5	009200434
14L	22,5	140	102	5	009200435
17	29,5	60	22	5	009200437
19	29,5	60	22	5	009200439



12"



**920PE/SB9**  
4-5-6-8-10 mm  
5L-6L-8L-10L mm

1 009200441



12"



**920PE/C10**  
4-5-6-7-8-10  
12-14-17-19 mm

1 009200443

270X120X45 mm - 1,5 kg

**9899 920PE/C10**

Thermoformed tray, empty

1 098990135



## 920PE/AS

socket drivers for hexagon screws



"	Ø mm	L mm	L1 mm		
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468



**920PE-AS/SB6**  
1/8-3/16-1/4-3/8-1/2-3/4 1 009200469

## 920BP

ball head socket drivers  
for hexagon screws



mm	Ø mm	L mm	L1 mm		
5L	22,5	100	62	5	009200490
5XL	22,5	240	202	1	009200495
6L	22,5	100	62	5	009200491
6XL	22,5	240	202	1	009200496
7L	22,5	100	62	5	009200492
8L	22,5	100	62	5	009200493
8XL	22,5	240	202	1	009200497
10L	22,5	140	102	5	009200494



**920BP/SB8**  
5L-6L-7L-8L-10L mm  
5XL-6XL-8XL mm 1 009200500

## 920ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
5	21	75	15,5	5	009200505
6	21	75	15,5	5	009200506
7	21	75	15,5	5	009200507
8	21	75	15,5	5	009200508
10	23	75	15,5	5	009200510
12	24	75	15,5	5	009200512
14	24	75	15,5	5	009200514
17	24	75	15,5	5	009200517



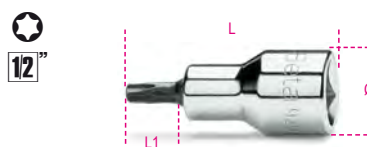
**920ME/SB7**  
5-6-8-10-12-14-17 mm 1 009200519



**920ME/C7**  
5-6-8-10-12-14-17 mm 1 009200518  
250X100X35 mm - 1,4 kg

## 920TX

socket drivers for Torx® head screws



T	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200520
T20L	22,5	120	82	3	009200530
T25	22,5	58	20	5	009200521
T25L	22,5	120	82	3	009200531
T27	22,5	58	20	5	009200522
T27L	22,5	120	82	3	009200533
T30	22,5	58	20	5	009200523
T30L	22,5	120	82	3	009200534
T40	22,5	58	20	5	009200524
T40L	22,5	120	82	3	009200535
T45	22,5	58	20	5	009200525
T45L	22,5	120	82	3	009200537
T50	22,5	58	20	5	009200526
T50L	23,0	140	102	3	009200538
T55	23,0	58	20	3	009200527
T55L	23,0	140	102	3	009200539
T60	23,0	58	20	3	009200528
T60L	23,0	140	102	3	009200540
T70L	23,0	120	82	3	009200541

## 12"



**920TX/SB9**  
T20-T25-T27-T30-  
T40-T45-T50-T55-T60 1 009200532



**920TX-L/SB10**  
T20L-T25L-T27L-T30L-T40L-  
T45L-T50L-T55L-T60L-T70L 1 009200545

## 12"



**920TX/C9**  
T20-T25-T27-T30-T40  
T45-T50-T55-T60 1 009200546

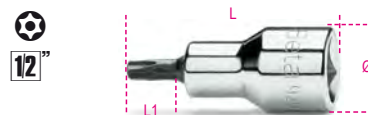
270X120X45 mm - 1,2 kg

## 9899 920TX/C9

Thermoformed tray, empty 1 098990136

## 920RTX

socket drivers  
for Tamper Resistant Torx® head screws



T	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200370
T25	22,5	58	20	5	009200371
T27	22,5	58	20	5	009200372
T30	22,5	58	20	5	009200373
T40	22,5	58	20	5	009200374

## 12"

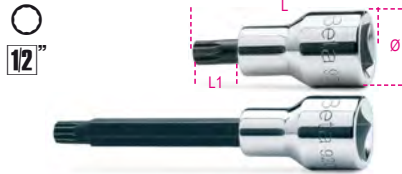


**920RTX/SB5**  
T20-T25-T27-T30-T40 1 009200378



## 920XZN

socket drivers with XZN® profile



DIN 2324

Ø	mm	L	L1	mm	mm	mm	mm	mm	mm
M4	22,5	58	20	3	009200559				
M5	22,5	58	20	3	009200560				
M6	22,5	58	20	3	009200561				
M6L	22,5	100	62	3	009200562				
M8	22,5	58	20	3	009200563				
M8L	22,5	100	62	3	009200564				
M9	22,5	58	20	3	009200582				
M9L	22,5	100	62	3	009200583				
M10	22,5	58	20	3	009200565				
M10L	22,5	100	62	3	009200566				
M12	22,5	58	20	3	009200568				
M12L	22,5	100	62	3	009200569				
M14	23,0	58	20	3	009200571				
M14L	23,0	100	62	3	009200572				
M16	23,0	58	20	3	009200573				
M18	23,0	58	20	3	009200574				



920XZN/SB7  
M4-M5-M6-M8  
M10-M12-M14



920XZN/SB12  
M5-M6-M8-M10-M12  
M14-M16-M6L-M8L  
M10L-M12L-M14L



920XZN-L/S5  
M6L-M8L-M10L  
M12L-M14L

## 920ES

special form socket drivers



UNI 9326

Ø	mm	L	L1	mm	mm	mm	mm	mm	mm
7	(6R)	58	20	5	009200587				
7XL	(6R)	240	202	1	009200607				
9	(8R)	58	20	5	009200589				
9XL	(8R)	240	202	1	009200609				
10	(8S)	58	20	5	009200590				
10XL	(8S)	240	202	1	009200610				
11	(10R)	58	20	5	009200591				
11XL	(10R)	240	202	1	009200611				
12L	(10S)	100	62	3	009200592				

Ø	mm	L	L1	mm	mm	mm	mm	mm	mm
12XL	(10S)	240	202	1	009200612				
14L	(12S)	100	62	3	009200594				
14XL	(12S)	240	202	1	009200614				
16L	(14R)	100	62	3	009200596				
16XL	(14R)	240	202	1	009200616				



920ES/SB7  
7-9-10-11-12L-14L-16L



920ES-XL/SB7  
7XL-9XL-10XL-11XL  
12XL-14XL-16XL

## PM 1/2-Q5



PM 1/2-Q5 72,570

## 920/15

adaptor, 1/2" female and 3/8" male drives



UNI/ISO 3316 DIN 3123

L	mm	Ø	mm	mm	mm	mm
42	1/2	3/8	22,0	5	009200810	



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 920/16

adaptor, 1/2" female and 3/4" male drives

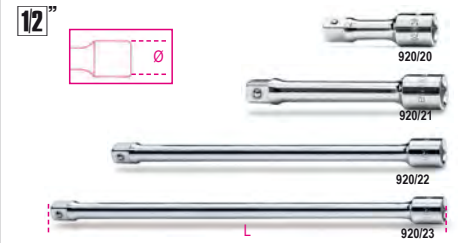


UNI/ISO 3316 DIN 3123

L	mm	Ø	mm	mm	mm	mm
46	1/2	3/4	26	5	009200814	

## 920/20=920/23

1/2" drive extension bars

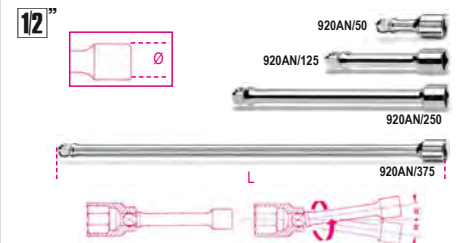


UNI/ISO 3316 DIN 3123

	L	Ø	mm	mm	mm	mm
920/20	75	22	5	009200818		
920/21	125	22	5	009200822		
920/22	255	22	5	009200826		
920/23	375	22	2	009200827		

## 920AN

1/2" wobble extension bars



	L	Ø	mm	mm	mm	mm
920AN/50	50	22	5	009200833		
920AN/125	125	22	5	009200834		
920AN/250	250	22	3	009200835		
920AN/375	375	22	3	009200836		

## 920/25

1/2" drive universal joint



UNI/ISO 3316 DIN 3123

L	mm	Ø	mm	mm	mm
75	27	5	009200830		

## 920/35A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1	mm	mm	mm	mm
285	160	3	009200846		

### 920M/35

1/2" swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L
mm
380
2 009200845

### 920M/35L

1/2" swivel drive with metal handle, long series



L
mm
600
1 009200843



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

### 920/36A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L	L1
mm	mm
408	283
2 009200847	

### 920/38

1/2" extension drive swivel handle



L	L max
mm	mm
262	402
1 009200839	

### 920/40

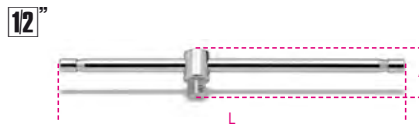
1/2" drive swivel T-handle



L	L1
mm	mm
490	230
2 009200850	

### 920/42

1/2" drive sliding T handle



UNI/ISO 3315 DIN 3122

L	A
mm	mm
305	42
5 009200854	

### 920/44

1/2" drive offset handle

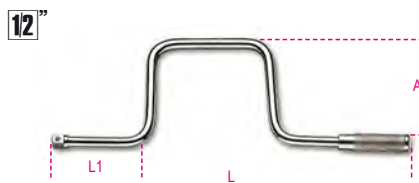


UNI/ISO 3315 DIN 3122

L	L1
mm	mm
230	60
3 009200858	

### 920/46

1/2" drive with speed brace



UNI/ISO 3315 DIN 3122

L	L1	A
mm	mm	mm
385	110	160
1 009200862		

### 920/50

1/2" push-through drive ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
271	40	40
3 009201150		

### 920/50F

1/2" female square drive ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
271	40	24
2 009201151		

### 920/55

1/2" male square drive reversible ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
271	40	41
3 009201155		

### 920/55Q

1/2" male square drive reversible ratchet, 48-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
271	40	41
3 009201156		

### 920/55X

1/2" square drive reversible ratchet, 72-tooth mechanism



UNI/ISO 3315 DIN 3122

L	Ø	A
mm	mm	mm
207	31	33
3 009201158		



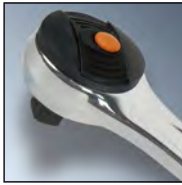


## 920/55LC

1/2" male square drive reversible ratchet, "Locking System", 72-tooth mechanism

72

12"



UNI/ISO 3315 DIN 3122

L	Ø	A	
mm	mm	mm	
271	40	41	2 009201159

## 920M/55

1/2" drive reversible ratchet with metal handle

12"



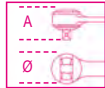
L	Ø	A	
mm	mm	mm	
253	38	35	1 009200893

## 920/56A

1/2" drive swivel reversible ratchet, 72 teeth

72

12"



L	Ø	A	
mm	mm	mm	
315	40	43	1 009200911

## 920M/56

1/2" drive reversible swivel ratchet with metal handle

12"



L	Ø	A	
mm	mm	mm	
330	38	35,7	2 009200894

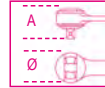


## 920/58

1/2" drive reversible ratchet with rotating handle, 52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle

12"



L	Ø	A	
mm	mm	mm	
281	42,5	45	1 009200926

### Spare rotating mechanisms of ratchets



## 920.../C11

11 sockets and 2 accessories

12"



920A/C11		
1 009200921		

920A	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

420x185x60 mm - 2,5 kg

920B/C11		
1 009200922		

920B	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

420x185x60 mm - 2,5 kg

## 920.../C12...

12 sockets and 5 accessories

12"



920A/C12X		
1 009200933		

920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 4,2 kg

9899 920C12		
1 098990116		

Thermoformed tray, empty

920A/C12		
1 009200931		

920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/50	

420x185x60 mm - 4,2 kg

9899 920C12		
1 098990116		

Thermoformed tray, empty

920B/C12X		
1 009200934		

920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 4,0 kg

9899 920C12		
1 098990116		

Thermoformed tray, empty

920B/C12		
1 009200932		

920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/50	

420x185x60 mm - 4,0 kg

9899 920C12		
1 098990116		

Thermoformed tray, empty

## 920MC/C14

14 coloured hexagon hand sockets and 5 accessories

12"



### 920MC/C14

- 920MC 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55
- 420x185x60 mm - 4,2 kg

## 920.../C20...

20 sockets and 5 accessories

12"



### 920A/C20X

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55
- 420x185x60 mm - 5,1 kg

### 920A/C20

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/50
- 420x185x60 mm - 5,1 kg

### 920A/C21

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/46
  - 920/50
- 420x280x60 mm - 6,5 kg

### 920A/C20Q

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55Q
- 420x185x60 mm - 5,1 kg

### 9899 920C20

Thermoformed tray, empty

### 920B/C20

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/50
- 420x185x60 mm - 5,0 kg

### 9899 920C20

Thermoformed tray, empty

### 920B/C20X

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55
- 420x185x60 mm - 5,0 kg

### 9899 920C20

Thermoformed tray, empty

## 920.../C21...

21 sockets and 6 accessories

12"



### 920A/C21

- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/46
  - 920/50
- 420x280x60 mm - 6,5 kg

### 920B/C21

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/46
  - 920/50
- 420x280x60 mm - 6,4 kg

### 920B/C21X

- 920B 10 - 11 - 12 - 13 - 14 - 15 - 16  
17 - 18 - 19 - 20 - 21 - 22 - 23  
24 - 25 - 26 - 27 - 28 - 30 - 32 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/46
  - 920/55
- 420x280x60 mm - 6,4 kg

## 920B/C30Q

30 bi-hex sockets and 5 accessories

12"



### 920B/C30Q

- 920B 8 - 9 - 10 - 11 - 12 - 13 - 14  
15 - 16 - 17 - 18 - 19 - 20 - 21  
22 - 23 - 24 - 26 - 27 - 30 mm
  - 920BL 12 - 13 - 14 - 17 - 19 - 21  
22 - 24 - 27 - 30 mm
  - 920/21 125 mm
  - 920/22 255 mm
  - 920/25
  - 920/42
  - 920/55Q
- 420x280x60 mm - 7,6 kg



# Beta

## 920.../C33

20 sockets, 13 socket drivers and 5 accessories

12"



920A/C33

1 009200985

	○ 920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
	● 920LP	1,2x8 - 1,6x9 - 2x12 mm
	⊕ 920PH	PH2 - PH3 - PH4
	○ 920PE	4 - 5 - 6 - 8 - 10 - 12 - 14 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x280x60 mm - 6,7 kg

920B/C33

1 009200986

	○ 920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
	● 920LP	1,2x8 - 1,6x9 - 2x12 mm
	⊕ 920PH	PH2 - PH3 - PH4
	○ 920PE	4 - 5 - 6 - 8 - 10 - 12 - 14 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x280x60 mm - 6,7 kg

## 920A/C17M

Assortment of 17 hexagon sockets and 5 accessories in foam tray, in metal case

12"



920A/C17M

1 009200924

	○ 920A	10-11-12-13-14-15-16-17-18 19-20-21-22-24-27-30-32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/55	

420x185x60 mm - 5 kg

9899 920C17

Soft module, empty

1 098990147

920A/C17MR

1 009200937

	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	305 mm
	920/58	

420x185x60 mm 5,1 kg

## 920/C37

37 bi-hex sockets and 5 accessories

12"



920/C37

1 009200988

	○ 920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 23 24 - 26 - 27 - 28 - 30 - 32 mm
	○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 5/8 - 11/16 - 3/4 - 25/32 - 13/16 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	

420x280x60 mm - 7,5 kg

## 920AS/C10

10 bi-hex sockets and 2 accessories

12"



920AS/C10

1 009200919

	○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 11/16 - 3/4 - 13/16 - 7/8 - 15/16
	920/22	255 mm
	920/50	

335x145x60 mm - 2,6 kg

## 920AS/C15

15 bi-hex sockets and 6 accessories

12"



920AS/C15

1 009200947

	○ 920AS	3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 3/4 - 13/16 - 7/8 - 15/16 - 1 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/46	
	920/50	

420x280x60 mm - 5,9 kg

## 920AS/C17X

17 bi-hex sockets and 5 accessories

12"



920AS/C17X

1 009200942

	920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 - 5/8 11/16 - 3/4 - 25/32 - 13/16 - 7/8 15/16 - 1 - 1.1/16 - 1.1/8 - 1.3/16 - 1.1/4
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/55	
		420x185x60 mm - 4,8 kg

## 920TX/C17

6 bits, 6 sockets, 5 socket drivers  
and 4 accessories for Torx® head screws



12"



920TX/C17

1 009200989

	861TX	T8 - T10 - T15 - T20 - T25 - T27
	897	
	920TX	T27 - T30 - T40 - T45 - T50
	920FTX	E10 - E12 - E14 - E16 - E18 - E20
	920/20	75 mm
	920/22	255 mm
	920/55	
		420x185x60 mm - 2,9 kg

## 928A

hexagon hand sockets

3/4"



UNI/ISO 2725  
DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280019
21	30,0	51	34	5	009280021
22	31,3	53	34	5	009280022
23	33,3	53	34	5	009280023
24	34,5	53	34	5	009280024
26	36,8	55	35	5	009280026
27	38,0	56	35	5	009280027
28	39,0	57	35	3	009280028
29	40,2	58	35	3	009280029
30	41,5	58	37	3	009280030
32	44,3	60	37	3	009280032
33	45,8	60	37	3	009280033
34	46,8	60	37	3	009280034
35	48,1	62	38	3	009280035
36	49,5	64	38	3	009280036
38	52,0	68	40	3	009280038
41	56,0	71	40	3	009280041
46	62,3	75	43	3	009280046
50	67,4	80	43	3	009280050
55	73,7	84	48	1	009280055
60	80,0	87	48	1	009280060

## 920AS/MBM-C21

16 bi-hex sockets and 5 accessories  
for aeronautical maintenance

12"



920AS/MBM-C21

1 009200944

	920AS	3/8 - 7/16 - 1/2 - 9/16 19/32 - 5/8 - 11/16 - 3/4 25/32 - 13/16 - 7/8 - 15/16 1 - 1.1/16 - 1.3/16 - 1.1/4
	920M/55	
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
		420x185x60 mm - 5,0 kg

## 920A/C17HR

17 hexagon sockets and 5 accessories  
in hard foam tray, in metal case

• ratchet with rotating handle

12"



920A/C17HR

1 009200939

	920A	10-11-12-13-14-15-16-17-18 19-20-21-22-24-27-30-32 mm
	920/21	125 mm
	920/22	255 mm
	920/25	
	920/42	
	920/58	
		420x185x60 mm - 5,1 kg

## 928B

bi-hex hand sockets

3/4"



UNI/ISO 2725  
DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280119
21	30,0	51	34	5	009280121
22	31,3	53	34	5	009280122
23	33,3	53	34	5	009280123
24	34,5	53	34	5	009280124
26	36,8	55	35	5	009280126
27	38,0	56	35	5	009280127
28	39,0	57	35	3	009280128
29	40,2	58	35	3	009280129
30	41,5	58	37	3	009280130
32	44,3	60	37	3	009280132
33	45,8	60	37	3	009280133
34	46,8	60	37	3	009280134
35	48,1	62	38	3	009280135
36	49,5	64	38	3	009280136
38	52,0	68	40	3	009280138
41	56,0	71	40	3	009280141
46	62,3	75	43	3	009280146
50	67,4	80	43	3	009280150
55	73,7	84	48	1	009280155
60	80,0	87	48	1	009280160

## 928AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm		
7/8	32,0	53	34	1	009280202
15/16	34,5	53	34	1	009280203
1	36,2	55	35	1	009280204
1.1/16	38,0	56	35	1	009280205
1.1/8	40,2	58	35	1	009280206
1.1/4	44,2	60	37	1	009280208
1.5/16	45,8	60	37	1	009280209
1.3/8	48,1	62	38	1	009280210
1.7/16	49,5	64	38	1	009280211
1.1/2	52,0	68	40	1	009280212
1.5/8	56,0	71	40	1	009280214
1.11/16	58,8	74	40	1	009280215
1.13/16	62,3	75	43	1	009280217
1.7/8	65,0	78	43	1	009280218
2	68,3	80	43	1	009280219
2.1/16	71,5	83	48	1	009280220

## 928ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
14	35	75	15,5	2	009280514
17	35	75	15,5	2	009280517
19	35	75	15,5	2	009280519
22	35	75	22,5	2	009280522

## 928/15

adaptor, 3/4" female and 1/2" male drives



UNI/ISO 3316  
DIN 3123

L mm	Ø mm	□	■		
51,5	34	3/4	1/2	5	009280801



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.



## 928/16

adaptor, 3/4" female and 1" male drives

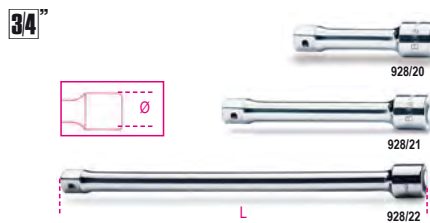


UNI/ISO 3316  
DIN 3123

L mm	Ø mm	□	■		
65	34	3/4	1"	5	009280807

## 928/20 - 928/21 - 928/22

3/4" drive extension bars



UNI/ISO 3316  
DIN 3123

	L mm	Ø mm		
928/20	100	34	3	009280810
928/21	200	34	3	009280815
928/22	380	34	3	009280825

## 928/25

3/4" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
108	40	1	009280830

## 928/36A

3/4" drive swivel handle

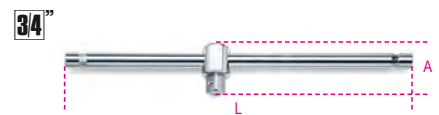


DIN 3122 - UNI ISO 3315

L mm		
545	1	009280844

## 928/42

3/4" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm		
450	62,5	3	009280850

## 928/55

3/4" male square drive reversible ratchet, 72-tooth mechanism



DIN 3122 - UNI ISO 3315

L mm	Ø mm	A mm		
504	58	59	2	009281155

Spare rotating mechanisms of ratchets

111



## 928.../C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case

3/4"



928A/C12 1 009280955

	928A	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm
	928/21	200 mm
	928/22	380 mm
	928/25	
	928/42	
	928/55	

530x220x80 mm - 13,5 kg

928B/C12 1 009280957

	928B	22 - 24 - 27 - 30 - 32 - 34 - 36 38 - 41 - 46 - 50 - 55 mm
	928/21	200 mm
	928/22	380 mm
	928/25	
	928/42	
	928/55	

530x220x80 mm - 13,5 kg

## 928AS/C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case

3/4"



928AS/C12 1 009280968

	928AS	7/8-15/16-1.1/16-1.1/8-1.1/4 1.5/16-1.7/16-1.1/2-1.11/16 1.13/16-1.7/8-2.1/16
	928/21	200 mm
	928/22	380 mm
	928/25	
	928/42	
	928/55	

530x220x80 mm - 13,5 kg

## 929

hexagon hand sockets

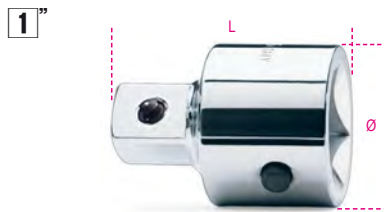


UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	1	009290036
36	51	65	48	1	009290036
41	57	70	48	1	009290041
46	65	75	48	1	009290046
50	70	80	48	1	009290050
55	76	85	54	1	009290055
60	82	90	54	1	009290060
65	88	95	54	1	009290065
70	92	100	60	1	009290070
75	99	110	60	1	009290075
80	106	120	60	1	009290080

## 929/15

adaptor, 1" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■	2	009290801
65	47	1"	3/4"	2	009290801



Always apply torque loads evenly and progressively to avoid breakage and any possible injury.

## 929/21 - 929/22

1" drive extension bars



UNI/ISO 3316 DIN 3123

	L mm	Ø mm	1	009290815
929/21	200	47	1	009290815
929/22	400	47	1	009290825

## 929/42

1" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	1	009290850
535	1	009290850

## 929/55

1" reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	1	009290860
770	62	63	1	009290860

## 929/55PR

extension bars for ratchets 929/55



L mm	Ø mm	Ø1 mm	1	009290868
540	32	26	1	009290868

## 929/C8

8 hexagon sockets and 5 accessories



929/C8 1 009290925

	929	46 - 50 - 55 - 60 - 65 70 - 75 - 80 mm
	929/15	□ 1" - ■ 3/4"
	929/21	200 mm
	929/22	400 mm
	929/42	
	929/55	

560x290x120 mm - 29 kg



### 9899 CV/A

empty case



#### 9899 CV/A

1 098990001

583/C31-671B/C5-671B/C10-720ME/C8  
860/C38P-861/C61P-900/C11-900AS/C10-/MB-C17  
900/C24-900/C13-8-900/C13-5-900MB/C19-900MB/C28  
900/C11HR-900AS/C10-/MB-C17-900AS/C17-MBM  
900/C11Z-900MC/C24-900MC/C32-910.../C10  
971/C8-920TX/C-920PE/C-920FTX/C-910.../C10

270x120x45 mm

### 9899 CV/B

empty case



#### 9899 CV/B

1 098990002

352C/U-720MC/C13-727/C16-867/C20-900/C12MR  
900/C12MZ-900U/C12M-910AS/C13...-910AS/MBM-C18  
910A/C16...-910B/C16...-910A/C16HR  
910A/C16...-910B/C16...-920AS/C10-920.../C11-1433/C11  
1494/C14A-1529-1545/C5M

335x145x60 mm

### 9899 CV/C

empty case



#### 9899 CV/C

1 098990003

920A/C17HR-920A/C17MR-920.../C12...  
920A/C17M-910.../C29-902A/C22-867/C38  
720/C24-450/C15-353N/C6-960KPC-920MC/C14  
920U/C17M-920TX/C17-920.../C20...  
920AS/MBM-C21-920AS/C17X-1547/C6-1495/C6  
1489/C14-1461/C11A-1608/C9-1606A/C9-1602/C9

420x185x60 mm

### 900/R55

14"  
40



900/R55  
666N/2-666/2-666LBF.FT/2

1 009000871

### 900/RN55

14"  
40



900/RN55  
900/55

1 009001115

### 900/R55-Z

14"  
72



900/R55-Z

1 009000872

### 900M/R55

14"  
40



900M/R55  
900M/55

1 009000888

### 910/R55

38"  
72



910/R55

1 009100879

599DGT/6-606/6-606/10-612-665/6-665/10-665LB/6  
665LB/10-666N/5-666N/10-666N LBF.IN/5-666NLBF.IN/10  
666/6-666/10-668RGC/6-668RGC/10-666/5  
666HS/5-666HS/10-666 LBF.FT/5-666 LBF.FT/10

### 910/RN55

38"  
72



910/RN55  
910/55

1 009101115

### 910M/R55

38"  
40



910M/R55  
910M/55-910M/56

1 009100888

### 910/R55X

38"  
40



910/R55X

666N/2X-666/2X-666 LBF.FT/2X

1 009100897

### 920/R50

12"  
72



920/R50

614/50-667/20-667/30  
667N/20-667N/30

1 009200866

### 920/RN50

12"  
72



920/RN50

920/50

1 009201130

### 920/RN50F

12"  
72



920/RN50F

920/50F

1 009201131

### 920/R55

12"  
72



920/R55

606/20-606/30-666/20-666/30-920/56A- 599DGT/20-  
599DGT/30  
599DGT-AN/20-665/20-665/30-665LB/20  
665LB/30-666N/20-666N/30  
666N LBF.IN/20-666N LBF.IN/30-668RGC/20  
666 LBF.FT/20-666 LBF.FT/30

1 009200879

## 920/RN55



920/RN55  
920/55

1 009201125

## 920M/R55



920M/R55  
920M/55-920M/56

1 009200888

## 920/RN55Q



920/RN55Q  
920/55Q

1 009201126

## 920/R55X



920/R55X  
606/10X-612X  
666/10X-599DGT/10X-599DGT-AN/10  
665/10X-665LB/10X-666N10X-666N LBF.IN/10X  
668RGC/10X-666 LBF.FT/10X  
666HS/20LC-666HS/30LC

1 009200878

## 920/RN55X



920/RN55X  
920/55X

1 009201128

## 920/R55LC



920/R55LC  
666HS/20LC-666HS/30LC

1 009200887

## 920/RN55LC



920/RN55LC  
920/55LC "Locking System"

1 009201129

## 928/RN55



928/RN55  
928/55

1 009281115

## 928/R55X



928/R55X  
614X

1 009280858

## 929/R55



929/R55  
929/55

1 009290859

## 930

double ended bi-hex tubular socket wrenches,  
heavy series



UNI 6745

mm	L mm	Ø mm	Ø1 mm	
6x7	100	9,5	11,0	3 009300006
8x9	108	12,5	14,0	3 009300010
10x11	116	15,0	16,5	3 009300014
12x13	124	17,5	19,0	3 009300018
14x15	132	20,0	21,5	3 009300023
16x17	140	23,0	24,0	3 009300027
18x19	148	25,0	26,5	3 009300032
20x22	156	28,0	30,0	2 009300036
21x23	163	29,0	31,5	2 009300040
24x26	173	33,0	35,5	2 009300044
25x28	182	34,5	38,0	2 009300048
27x29	191	37,0	39,5	2 009300052
30x32	200	40,5	43,0	2 009300056



930/S8  
6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm

1 009300081

940/1 - /2

930/S13  
6x7-8x9-10x11-12x13-14x15-16x17  
18x19-20x22-21x23-24x26  
25x28-27x29-30x32 mm

1 009300083

940/1 - /2 - /3



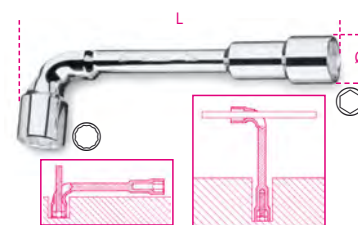
930/C13  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-27x29-30x32 mm

1 009300098

940/1 - /2 - /3

## 932

double ended hexagon / bi-hex offset  
socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm	
6x6	11,5	110	5 009320006
7x7	12,5	116	5 009320007
8x8	13,0	120	5 009320008
9x9	14,0	125	5 009320009
10x10	16,5	133	5 009320010
11x11	17,5	143	5 009320011
12x12	19,0	148	5 009320012
13x13	19,5	154	5 009320013
14x14	21,5	167	5 009320014
15x15	22,5	182	5 009320015
16x16	24,5	193	5 009320016
17x17	26,0	198	5 009320017
18x18	26,5	215	5 009320018
19x19	29,0	220	5 009320019
20x20	30,5	222	3 009320020
21x21	30,5	236	3 009320021
22x22	32,5	250	2 009320022
23x23	33,5	256	2 009320023
24x24	35,0	272	2 009320024
25x25	36,5	282	2 009320025
26x26	37,5	296	2 009320026
27x27	39,0	296	2 009320027
28x28	39,0	314	2 009320028
30x30	42,5	348	2 009320030
32x32	45,5	364	2 009320032

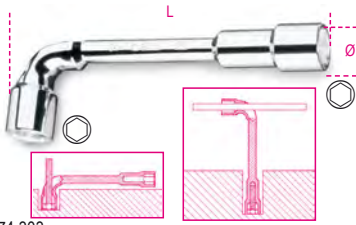




<b>932/S11</b> 6-7-8-10-11-12 13-14-17-19-22 mm	1	009320080
<b>932/S17</b> 6-7-8-9-10-11-12 13-14-15 16-17-18-19-20-21-22 mm	1	009320081
<b>932/S25</b> 6-7-8-9-10-11-12-13 -14-15-16-17-18-19 20-21-22-23-24-25 -26-27-28-30-32 mm	1	009320082

### 933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	5	009330006
7x7	12,5	116	5	009330007
8x8	13,0	120	5	009330008
9x9	14,0	125	5	009330009
10x10	16,5	133	5	009330010
11x11	17,5	143	5	009330011
12x12	19,0	148	5	009330012
13x13	19,5	154	5	009330013
14x14	21,5	167	5	009330014
15x15	22,5	182	5	009330015
16x16	24,5	193	5	009330016
17x17	26,0	198	5	009330017
18x18	26,5	215	5	009330018
19x19	29,0	220	5	009330019
20x20	30,5	222	3	009330020
21x21	30,5	236	3	009330021
22x22	32,5	250	2	009330022
23x23	33,5	256	2	009330023
24x24	35,0	272	2	009330024
25x25	36,5	282	2	009330025
26x26	37,5	296	2	009330026
27x27	39,0	296	2	009330027
28x28	39,0	314	2	009330028
30x30	42,5	348	2	009330030
32x32	45,5	364	2	009330032



<b>933/S11</b> 6-7-8-10-11-12-13-14-17-19-22 mm	1	009330080
<b>933/S17</b> 6-7-8-9-10-11-12-13-14-15-16-17 18-19-20-21-22 mm	1	009330081
<b>933/S25</b> 6-7-8-9-10-11-12-13-14-15-16-17-18-19 20-21-22-23-24-25-26-27-28-30-32 mm	1	009330082

### 935

double ended hexagon tubular socket wrenches, light series



UNI 6746 DIN 896

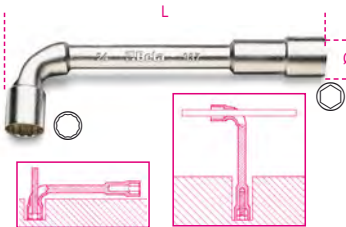
mm	L mm		
6x7	100	5	009350105
8x9	110	5	009350111
10x11	120	5	009350115
12x13	130	5	009350117
14x15	140	5	009350126
16x17	150	5	009350128
18x19	160	5	009350131
20x22	170	3	009350138
21x23	180	3	009350141
24x26	190	3	009350144
25x28	200	2	009350150
27x29	210	2	009350153
30x32	220	2	009350156



<b>935/S8</b> 6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22 mm	1	009350181
<b>940/1 - /2</b>		
<b>935/S13</b> 6x7-8x9-10x11-12x13-14x15-16x17 18x19-20x22-21x23-24x26-25x28 27x29-30x32 mm	1	009350183
<b>940/1 - /2 - /3</b>		

### 937

double ended hexagon / bi-hex socket wrenches, chrome-plated



mm	Ø mm	L mm		
6x6	11,5	110	5	009370006
7x7	12,5	116	5	009370007
8x8	13,0	120	5	009370008
9x9	14,0	125	5	009370009
10x10	16,5	133	5	009370010
11x11	17,5	143	5	009370011
12x12	19,0	148	5	009370012
13x13	19,5	154	5	009370013
14x14	21,5	167	5	009370014
15x15	22,5	182	5	009370015
16x16	24,5	193	5	009370016
17x17	26,0	198	5	009370017
18x18	26,5	215	5	009370018
19x19	29,0	220	5	009370019
20x20	30,5	222	3	009370020
21x21	30,5	236	3	009370021
22x22	32,5	250	2	009370022
23x23	33,5	256	2	009370023
24x24	35,0	272	2	009370024
25x25	36,5	282	2	009370025
26x26	37,5	296	2	009370026
27x27	39,0	296	2	009370027
28x28	39,0	314	2	009370028
30x30	42,5	348	2	009370030
32x32	45,5	364	2	009370032



<b>937/S11</b> 6-7-8-10-11-12 -13-14-17-19-22 mm	1	009370080
<b>937/S17</b> 6-7-8-9-10-11-12 -13-14-15-16-17 18-19-20-21-22 mm	1	009370081

### 940

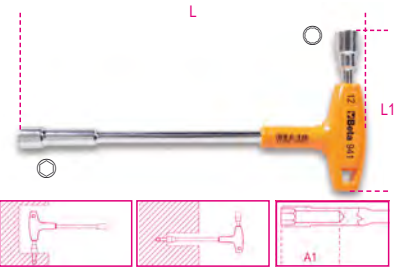
tommy bars for tubular wrenches items 930 and 935



	mm	L mm		
940/1	6÷13	100	5	009400001
940/2	14÷22	170	5	009400002
940/3	21÷32	290	5	009400003

### 941

hexagon / bi-hex socket wrenches, with high torque handles



mm	L mm	L1 mm	A1 mm		
7x7	200	91	35	2	009410107
8x8	220	107	50	2	009410108
9x9	220	109	50	2	009410109
10x10	236	111	50	2	009410110
11x11	236	114	50	2	009410111
12x12	255	122	50	2	009410112
13x13	255	124	55	2	009410113



<b>941/S7</b> 7-8-9-10-11-12-13 mm	1	009410170
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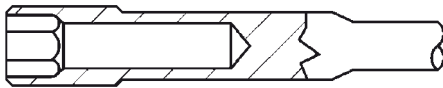


# NUT SPINNERS

with handles

Suitable for quick, repeated screwing operations. The reduced thickness of the hexagons allows access to small spaces.

The interior exhaust hole makes it easier to work on nuts with projecting threaded parts. This is the case, in particular with deep, hi-torque nut spinners 944BX and 949.



The triple marking on the head makes it easier to identify the required size.

The flexible blade of model 943FL, which is made up of a steel core protected by a sheath, allows torque transmission in case of misalignment with the screw.

## 942BX

hi-torque hexagon nut spinners short series



UNI 6750

mm	L mm	L1 mm	A1 mm		
4	190	70	13,0	5	009420003
5	190	70	14,0	5	009420004
5,5	190	70	12,5	5	009420005
6	190	70	14,5	5	009420006
7	190	70	15,5	5	009420007
8	202	70	18,5	5	009420008
9	202	70	19,5	5	009420009
10	202	70	20,5	3	009420010
11	202	70	21,5	3	009420011
12	202	70	22,5	3	009420012
13	202	70	23,5	3	009420013
14	202	70	24,5	3	009420014



**942BX/S12**  
4-5-5,5-6-7-8-9  
10-11-12-13-14 mm

1 009420030

## 943BX

hi-torque hexagon nut spinners long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm		
4	270	150	13,0	5	009430003
5	270	150	14,0	5	009430004
5,5	270	150	12,5	5	009430005
6	270	150	14,5	5	009430006
7	270	150	15,5	5	009430007
8	282	150	18,5	5	009430008
9	282	150	19,5	5	009430009
10	282	150	20,5	3	009430010
11	282	150	21,5	3	009430011
12	282	150	22,5	3	009430012
13	282	150	23,5	3	009430013
14	282	150	24,5	3	009430014



**943BX/S12**  
4-5-5,5-6-7-8-9  
10-11-12-13-14 mm

1 009430030



**943BX/D6**  
5-6-7-8-10-13 mm

1 009430026

## 943FL

flexible hexagon nut spinners with handles



mm	L mm	L1 mm	Ø mm		
5	265	150	8	2	009430304
5,5	265	150	8	2	009430305
6	265	150	9	2	009430306
7	265	150	11	2	009430307
8	265	150	12	2	009430308
10	290	175	14	2	009430310



**943FL/S6**  
5-5,5-6-7-8-10 mm

1 009430320

## 944BX

deep, hi-torque hexagon nut spinners long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm		
4	245	125	20	3	009440003
5	245	125	25	3	009440004
5,5	245	125	30	3	009440005
6	245	125	35	3	009440006
7	245	125	35	3	009440007
8	257	125	50	3	009440008
9	257	125	50	3	009440009
10	257	125	50	3	009440010
11	257	125	50	3	009440011
12	257	125	50	3	009440012
13	257	125	55	3	009440013
14	257	125	55	3	009440014



**944BX/S12**  
4-5-5,5-6-7-8-9  
10-11-12-13-14 mm

1 009440062



**944BX/D6**  
5-6-7-8-10-13 mm

1 009440056

## 949

deep T-handle socket wrenches



mm	L mm	L1 mm		
8	220	160	2	009490008
10	230	160	2	009490010
12	240	175	2	009490012
13	244	175	2	009490013
14	250	190	2	009490014
17	264	200	2	009490017

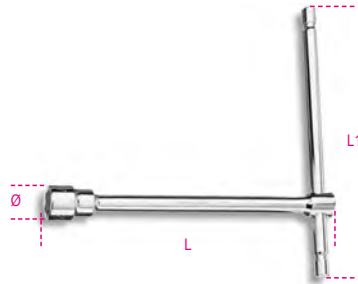


**949/S6**  
8-10-12-13-14-17mm

1 009490076

## 950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

mm	L mm	Ø mm	L1 mm	
6	210	10,1	145	3 009500006
7	212	11,2	145	3 009500007
8	220	12,4	160	3 009500008
9	223	13,5	160	3 009500009
10	230	14,9	160	3 009500010
11	233	16,1	160	3 009500011
12	240	17,5	175	3 009500012
13	244	19,7	175	3 009500013
14	250	20,1	190	3 009500014
15	254	21,5	190	3 009500015
16	260	22,7	200	3 009500016
17	264	24,1	200	3 009500017
19	274	26,6	230	3 009500019
22	290	29,9	290	2 009500022
24	300	32,2	320	2 009500024
27	315	36,2	370	2 009500027



**950/S9**  
7-8-10-11-12  
13-14-17-19 mm

1 009500079

**950/S14**  
6-7-8-9-10-11-12-13  
14-15-16-17-19-22 mm

1 009500082

# 951 T-HANDLE WRENCHES WITH THREE HEXAGON MALE ENDS



When this wrench was launched, back in 1980, it was a revolution. Designed to work on high-resistance screws, it is the name for quick handling, accurate fit and flexible use.

The hexagon T handle can be adjusted as required.

The hexagon ends are designed to transmit the maximum possible torque to the screw.

The rod length allows remarkable torques to be effortlessly applied to the screws.

Ongoing production improvements have translated, for example, into sandblasted finishes and sharp-edged hexagon ends which allow a better fit onto any screws, including damaged ones.

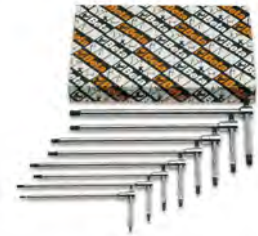
Laser marking results in a sturdier rod. The new model, **951GP**, was developed in tandem with MotoGP and Superbike technicians and mechanics, with a view to increasing screwing/unscrewing speed.

## 951

T-handle wrenches with three hexagon male ends



mm	L mm	L1 mm	Ø mm	
2	125	63	4,0	5 009510521
2,5	150	63	4,0	5 009510525
3	150	63	4,0	5 009510530
3,5	175	76	5,5	5 009510535
4	175	76	5,5	5 009510540
4,5	195	87	6,5	5 009510545
5	195	87	6,5	5 009510550
6	215	99	8,0	5 009510560
7	230	109	9,0	5 009510570
8	250	122	10,0	5 009510580
9	265	132	11,0	5 009510590
10	280	142	12,0	5 009510610
12	305	160	15,0	3 009510620
14	330	178	17,0	3 009510640



**951/S6**  
2,5-3-4-5-6-8 mm

1 009510687

**951/S8**  
2-2,5-3-3,5-4-4,5-5-6 mm

1 009510693

**951/S14**  
2-2,5-3-3,5-4-4,5  
5-6-7-8-9-10-12-14 mm

1 009510695



**951/SP6**  
3-4-5-6-8-10 mm

1 009510696

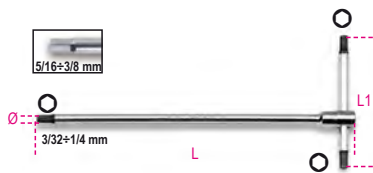
**951/SPV**

1 009510697



## 951AS

T-handle wrenches with three hexagon male ends



"	L mm	L1 mm	Ø mm		
3/32	125	63	4,0	2	009510750
7/64	150	63	4,0	2	009510751
1/8	150	63	4,0	2	009510752
9/64	175	76	5,5	2	009510753
5/32	175	76	5,5	2	009510754
3/16	195	86	6,5	2	009510755
7/32	215	99	8,0	2	009510757
1/4	230	109	9,0	2	009510758
5/16	250	122	10,0	2	009510759
3/8	280	142	12,0	2	009510760



951AS/S6X  
1/8-3/16-7/32-1/4-5/16-3/8

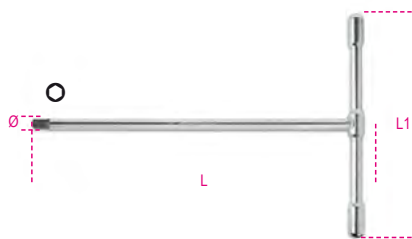
1 009510771

## 951GP

T-handle wrenches with one hexagon male end

Beta's wrench 951GP is the name for quick, accurate screw fit.

Designed to satisfy some key requirements in the Racing world: developing high torque values and ensuring quick tightening.



mm	L mm	L1 mm	Ø mm		
3	185	130	5	3	009511530
4	214	150	5	3	009511540
5	240	165	6	3	009511550
6	271	180	7	3	009511560
8	300	200	10	3	009511580
10	310	200	12	3	009511610

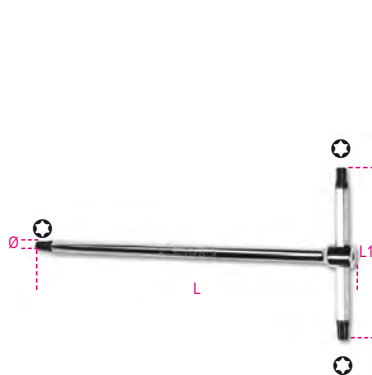


951GP/S6  
3-4-5-6-8-10 mm

1 009511687

## 951TX

T-handle wrenches with three male ends for Torx® head screws



⊕	L mm	L1 mm	Ø mm		
T6	125	63	4	3	009510806
T7	125	63	4	3	009510807
T8	125	63	4	3	009510808
T9	125	63	4	3	009510809
T10	150	63	4	3	009510810
T15	150	63	4	3	009510815
T20	175	76	5	3	009510820
T25	175	76	5	3	009510825
T27	195	87	6	3	009510827
T30	195	87	6	3	009510830
T40	215	99	7	3	009510840
T45	230	109	8	3	009510845
T50	250	122	9	3	009510850



951TX/S6 1 009510866

T8-T10-T15-T20-T25-T30

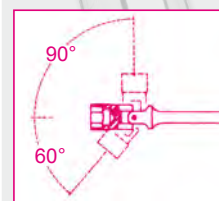
951TX/S13 1 009510863

T6-T7-T8-T9-T10-T15-T20-T25

T27-T30-T40-T45-T50



## 952 T-HANDLE WRENCHES WITH SWIVELLING HEXAGON SOCKETS



Reliable, precise pre-positioning is the secret for the success of this wrench.

The articulated joint maintains its function over the years, no adjustment being required.

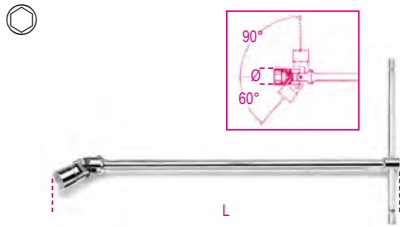
Socket rotation angle: 60°.

Can be used at 90° in fixed position.

Sliding T-handle, can be stopped in the required position throughout its length. Triple size marking on head.

## 952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

mm	Ø mm	L mm		
6	9,5	395	5	009520006
7	10,7	395	5	009520007
8	12,1	395	5	009520008
9	13,2	395	5	009520009
10	14,6	400	5	009520010
11	15,8	400	5	009520011
12	17,0	400	5	009520012
13	18,7	432	5	009520013
14	19,7	432	5	009520014
15	20,9	450	3	009520015
16	22,0	450	3	009520016
17	23,4	450	3	009520017
18	24,7	450	3	009520018
19	26,0	500	3	009520019
20	27,4	500	3	009520020
21	28,5	500	3	009520021
22	29,7	500	3	009520022
24	32,4	500	3	009520024



952/S7 1 009520074

8-10-11-13-14-17-19 mm

952/S10 1 009520080

7-8-10-11-12-13-14-15-17-19 mm

952/S18 1 009520083

6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm



952/D7 1 009520079

7-8-10-12-13-14-17 mm

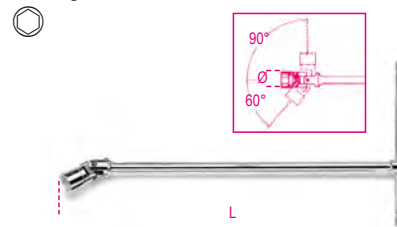
## 852



852 1/4 79,85

## 952AS

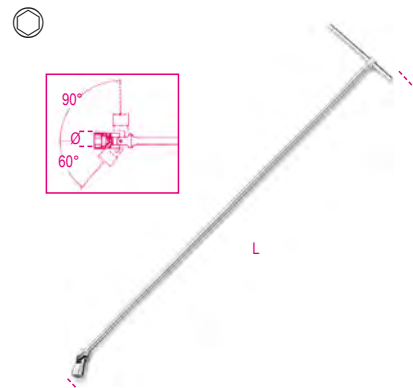
T-handle wrenches with swivelling hexagon sockets



"	Ø mm	L mm		
1/4	9,5	395	2	009520256
5/16	12,1	395	2	009520258
3/8	14,6	400	2	009520260
7/16	15,8	400	2	009520261
1/2	18,7	432	2	009520263
9/16	19,7	432	2	009520264
5/8	22,0	450	2	009520266
11/16	23,4	450	2	009520267
3/4	26,0	500	2	009520269

## 952L

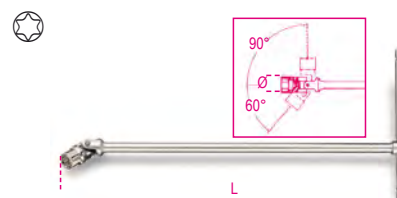
T-handle wrenches with swivelling hexagon sockets, long series



mm	Ø mm	L mm		
10	14,6	930	1	009520410
12	17,0	1063	1	009520412
13	18,7	1100	1	009520413
14	19,7	1100	1	009520414
15	20,9	1100	1	009520415
16	22,0	1100	1	009520416
17	23,4	1100	1	009520417
18	24,7	1100	1	009520418
19	26,0	1100	1	009520419

## 952FTX

T-handle wrenches with swivelling socket, for Torx® head screws



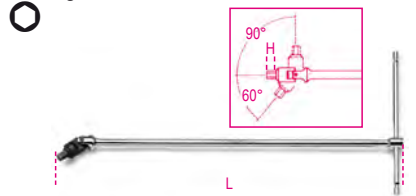
Ø mm	L mm		
E6	8	392	2 009520106
E7	9	392	2 009520107
E8	10	395	2 009520108
E10	13	400	2 009520110
E12	15	440	2 009520112
E14	17	490	2 009520114
E16	19	490	2 009520116
E18	21	490	2 009520118
E20	23	490	2 009520120



952FTX/S9 1 009520141  
E6-E7-E8-E10-E12  
E14-E16-E18-E20

## 953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

mm	H mm	L mm		
3	5	395	5	009530130
3,5	6	395	3	009530135
4	6	395	5	009530140
4,5	7	395	3	009530145
5	7	395	5	009530150
6	9	400	5	009530160
7	10	425	3	009530170
8	11	425	5	009530180
10	13	440	5	009530200



953/S5 1 009530305

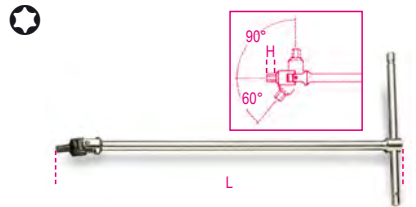
3-4-5-6-8 mm

953/S9 1 009530301

3-3,5-4-4,5-5-6-7-8-10 mm

## 953TX

T-handle wrenches with swivelling end for Torx® head screws



H mm	L mm		
T20	11	396	2 009530020
T25	11	396	2 009530025
T27	11	396	2 009530027
T30	13	400	2 009530030
T40	13	400	2 009530040
T45	13	426	2 009530045
T50	14	442	2 009530050
T55	14	442	2 009530055



953TX/S8 1 009530060

T20-T25-T27-T30  
T40-T45-T50-T55

# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1464T/N to 1465 items 1498SM to 1499 items 1758VT to 1760/IR 1600
<b>Engine</b>	items 955 to 960SN items 1440 to 1462/KEP items 1472 to 1485TC items 1737 to 1759TT
<b>Oil and filters</b>	items 1488/1 to 1496/C items 1877 to 1889N
<b>Electric system</b>	items 1489/33 to 1489Y items 1497D to 1497RC
<b>Starters</b>	items 1498BC/12 to 1498DG1100E
<b>Transmission</b>	items 1884 to 1885/X C60 items 1438 to 1438DSG items 1566N to 1569/F
<b>Suspension</b>	items 1550U to 1567
<b>Brakes</b>	items 1466/C5 to 1471T/C5
<b>Wheels</b>	items 720MRC to 729T items 962 to 989B items 1530/C5 to 1531/C7
<b>Body work</b>	items 1065F5 to 1068 items 1302 to 1369/C11 items 1478 to 1479U/32 items 1505V to 1539 items 1763 to 1768
<b>Other equipment</b>	items 1875LT to 3067
<b>Jacks</b>	items 3006 to 3069

### 955 tubular spark-plug wrench chrome-plated, hexagon end



mm - "	D mm	L mm	
16	21	86	3 009550016
5/8			

### 956C 1/2" square drive spark plug sockets chrome-plated, hexagon ends

- Thin, sturdy walls, giving access to confined spaces.
- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.



ISO 11168

mm - "	D mm	L mm	
14	18,8	70	3 009560008
9/16			
16	21,4	70	3 009560010
5/8			
17,8	23,6	70	3 009560011
11/16			
20,8	27,0	70	3 009560012
13/16			

### 956E 3/8" square drive spark plug sockets chrome-plated, hexagon ends

- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.

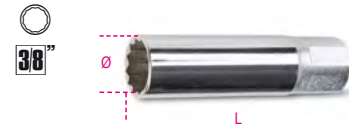


ISO 11168

mm - "	D mm	L mm	
14	18,8	70	3 009560018
9/16			
16	21,4	70	3 009560020
5/8			
17,8	23,6	70	3 009560021
11/16			
20,8	27,0	70	3 009560022
13/16			

### 956F 3/8" square drive spark plug sockets

- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.



mm - "	Ø mm	L mm	
14	18,8	70	1 009560114
9/16			
16	20,5	70	1 009560116
5/8			

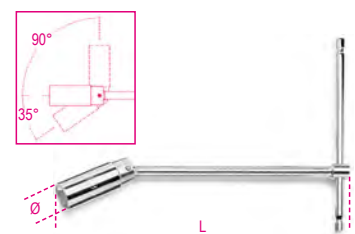
### 956L 1/2" square drive spark plug sockets, bi-hex ends, long series

- A retaining spring in inlet grips on spark plug hexagon.
- A rubber insert protects spark plug ceramic.



mm - "	Ø mm	L mm	
14	19,0	250	2 009560214
9/16			
16	21,0	250	2 009560216
5/8			

### 957 T-handle spark plug wrenches with swivelling sockets



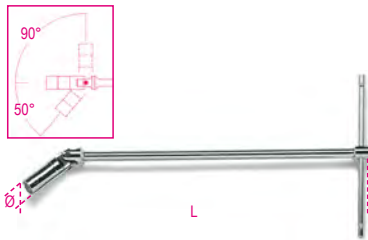
ISO 11168

mm - "	D mm	L mm	
16	21,4	275	3 009570000
5/8			
20,8	27,0	275	3 009570001
13/16			



## 959

T-handle spark plug wrenches with swivelling sockets, standard series



ISO 11168

mm -"	D mm	L mm	Hand	Part No.
14	18,8	483	3	009590009
9/16				
16	21,4	483	3	009590010
5/8				
20,8	27,0	527	3	009590011
13/16				

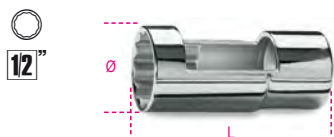
## 959R

rubber inset and spare spring for items 956C - 956E - 957 - 959

Part No.	Hand	Part No.
959R/14	3	009590223
956C/14-956E/14		
959R/16	3	009590224
956C/16-956E/16		
957/16-959/16		
959R/17,8	3	009590225
956C/17,8-956E/17,8		
959R/20,8	3	009590226
956C/20,8-956E/20,8		
957/20,8-959/20,8-959L		

## 960A

1/2" square drive socket for Diesel engine injectors



mm	D mm	L mm	Hand	Part No.
27	36,5	77	2	009600017

## 960ER

slide hammer for injector washers

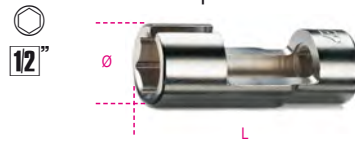
stepped drill bit



L mm	Hand	Part No.
350	1	009600726

## 960SL

sockets for Lambda probes with 1/2" female square drives



Part No.	Hand	Part No.
960SL 85	2	009600085
Ø 22xL= 85 mm		
960SL 110	2	009600110
Ø 22xL= 110 mm		

## 960SN

Diesel engine glow plug wrenches



mm	D mm	□	L mm	Hand	Part No.
8	12,0	1/4	60	2	009600834
9	13,3	1/4	60	2	009600835
10	14,5	3/8	70	2	009600836

## 960T/C11

assortment of sockets for removing/installing sensors

Kit contents:

- 1 double ended hexagon socket, size 1" - 11/16" for oil pressure sensors
- 1 open end hexagon socket, 29 mm, for oxygen sensors
- 1 open end bi-hex socket, 27 mm, for injectors
- 1 open end hexagon socket, 22 mm, for vacuostats
- 1 open end hexagon socket, 22 mm, 80 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, 90 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 30 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, compact, 50 mm long, for oxygen sensors
- 1 open end hexagon and bi-hex socket, 22 mm, compact, 34 mm long, for oxygen sensors
- 1 open end hexagon socket, 22 mm, tube-shaped
- 1 tap M18x1.5



Ø 22 - 29 mm

Part No.	Hand	Part No.
960T/C11	1	009600031
Ø 22-29 mm		

## 960/C6

3/8" female drive hexagon sockets for removing/installing exhaust gas temperature sensors

Kit contents:

- 3 short sizes, 13, 14, 17 mm
- 3 long sizes, 13, 14, 17 mm



Part No.	Hand	Part No.
960/C6	1	009600055
170x120x50 mm		

## 960AVE

device for testing common rail diesel electrical injectors



Part No.	Hand	Part No.
960AVE	1	009600245
430x310x50 mm - 2,0 kg		

## 960EPC/L

set of tools for removing glow plug electrode face

M8x1 - M9x1 - M10x1 - M10x1.25



Part No.	Hand	Part No.
960EPC/L	1	009600890
270x230x80 mm - 2 kg		

## 960E-PI/P

injector washer extractor

- Male thread M10 for use with sliding hammer (Beta 1540)



960E-PI/P

300x90x60 mm

1 009600706

## 960KC-M8/M9/M10

assortment of tools for removing broken or damaged glow plugs

- For spark plugs with threads M8-M9-M10



960KC-M8/9/10

380x290x50 mm - 2,3 kg

1 009600801

## 960KPC

reversible impulse extractor with adjustable torque for glow plugs

Torque can be adjusted in 4 positions:  
10-20-30-40 Nm

1/4"  
CE



960KPC

8-9-10-11-12 mm

420x185x60 mm - 2,8 kg

1 009600780

## 960UC

tool set for removing stuck M8-M9-M10 glow plugs with deformed tips



960UC

270x230x80 mm - 2,6 kg

1 009600900

## 960P

pressure/depressure tester with accessories and adaptors



960P

350x320x95 mm - 1,9 kg

1 009600777

## 960PI

assortment of reamers for cleaning injector seats in plastic case

For removing residues from injector seats

- Flat reamer, Ø 19 - 15 mm, for universal injectors
- Flat reamer, Ø 17 - 17 mm, for Delphi/Bosch injectors (BMW/PSA/Renault/Ford)
- Flat reamer, Ø 19 - 17 mm, for Bosch injectors (Mercedes CDI).
- Angled reamer, Ø 21 - 17 mm, for Fiat/veco injectors.
- Handle



960PI

250x130x50 mm - 600 g

1 009600215

## 960PI/C19

assortment of 19 tools for cleaning injector seats

Kit contents:

- 11 flat reamers, Ø:  
14/14 mm - 15.5/15.5 mm - 15/19 mm - 17/19 mm - 17/17.5 mm - 17/19 mm - 17/19.5 mm - 17/20 mm - 18/21 mm - 19 mm - 20/21 mm
- 4 angled reamers, Ø:  
15.5/15.5 mm - 17/17 mm - 17.5/20.5 mm - 17/21 mm
- Handle and cutter accessories



960PI/C19

360x230x60 mm

1 009600217

## 960PI/K36

kit of brushes for cleaning injector seats

1/4"



DIN 3126 E6,3

960PI/K36

L  
mm  
100

350x255x74 mm - 1253 g

1 009600218

## 960PI/S

kit for cleaning injector seats

Kit contents:

- 3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats
- 2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms
- 6 caps for closing hole connecting with combustion chamber
- 1 brush for cleaning hole connecting with combustion chamber
- 1 flexible bit holder with handle



960PI/S

360x140x50 mm - 700 g

1 009600214



## 960VTC

leakage tester  
for petrol engine cylinders  
after compressed air has been introduced into cylinder, gauge will allow it to be tested for compression leaks



960VTC 1 009600261  
373x295x70,6 mm - 2,3 kg

## 960RPI

blowing tool for injectors seat cleaning

for M8x1 - M9x1 - M10x1 - M10x1.25 glow plugs



960RPI 1 009600940

## 960PMC

diesel injector test and calibrating hand pump



Bar max. 600 1 009600200

## 961N

electronic videoscope  
with flexible, rotating probe

- TFT LCD 5" screen
- Supports SD cards
- Video and image recording
- 4 LEDs
- Power supply via USB port (built-in battery)
- Rotating probe
- High resolution



CE

### TECHNICAL SPECIFICATIONS

- Maximum resolution: 1920X1080
- Probe length: 1500 mm
- Camera diameter: 6 mm
- Video formats: AVI
- Photo formats: JPEG
- Shooting angle: 0÷180°
- Probe adjustment: 0÷360°
- Probe detection degree: IP67
- Data output: USB-C cable and SD card
- Power supply: 3.7V 2000 mAh battery

961N 1 009610030

## 961P6/S

flexible probes, 6 mm  
for videoscope 961P6



	L mm	A mm	
961P6/S 1	1000		1 009610006
961P6/S 2	2000		1 009610262
961P6/S 3	3000		1 009610263

## 962

tyre levers



L mm	A mm	
300	21	5 009620003
400	25	5 009620004
500	27	3 009620005
600	27	3 009620006

## 962C



962C 270

## 962P

tyre levers with non-scratch rubber protection



L mm	A mm	
490	25	1 009620049

## 962M

tyre removal/installation tool

particularly recommended for runflat tyres and lower shoulder models

- non-scratch rim locking jaws
- tyre removal lever seat



962M 1 009620501

## 963

pry bar with pointed and flat bent ends



L mm	A mm	
400	23	5 009630001

## 964

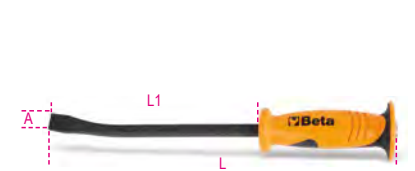
pry bar with pointed and leverage ends



L mm	A mm	
400	46	5 009640001

## 965

pry bars with flat curved ends



L mm	A mm	L1 mm	
300	16	185	2 009650013
450	20	312	2 009650014
600	20	462	2 009650016





965/S3 1 009650019

### 966/C3

set of 3 levers with articulated, flat, curved heads



966/C3 1 009660103  
L=200-250-300 mm  
355x140x65 mm - 1,8 kg

### 720LS

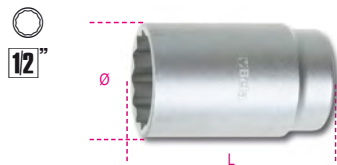
impact sockets, long, slim series



720LS 36 36 48,0 78 29 2 007200386

### 969B

hub nut locking socket



mm	Ø mm	L mm	
24	36,0	76	1 009690124
27	36,0	76	1 009690127
30	40,0	76	1 009690130
31	42,0	76	1 009690131
32	42,5	76	1 009690132
34	45,0	76	1 009690134
35	46,0	76	1 009690135
36	49,0	76	1 009690136



### 969/C5

set of 5 hub nut locking sockets in plastic case

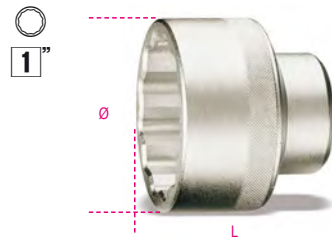


969/C5 1 009690201

969B 30-32-34-35-36

### 970B

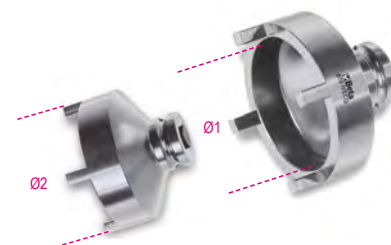
socket for locking Fiat Daily hub nuts



65 88 75 1 009700010

### 970IVECO

hook socket for Iveco Daily hub nuts for versions from year 2014



Ø1 mm 61,5 Ø2 mm 74,8 1 009700011

### 971/C8

torque screwdriver with accessories for controlled tightening of tyre valves with pressure control system



971/C8 1 009710108

583/6	1,2+6 Nm
892/0	
862TX	T10-T15-T20
900L	11-12 mm
986 78	

### 972/C4BMW

removal kit for anti-theft bolts with free rings, for BMW and Mini cars



972/C4 BMW 1 009720004

516x145x66 mm - 3,8 kg

### 972/C10

removal kit for damaged wheel nuts

for use on anti-theft and conventional nuts



972/C10 1 009720010

290x250x60 mm - 2,4 kg



## 973

kit of 4 nylon wheel covers

suitable for the following rims:

14" ÷ 18" item number 009730014

19" ÷ 22" item number 009730019



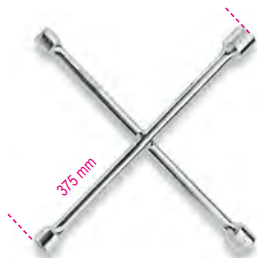
- Preserves and protects wheel from scratches and dust
- During storage, it prevents early deterioration of rubber polymers in summer or winter tyres
- An icon allows wheel position (right/left front or right/left rear) identification
- Provided with handles for convenient transportation
- Fabric: nylon, washable

973 14-18	1	009730014
973 19-22	1	009730019

## 978 - 979

four-way hexagon wheel nut wrenches

12"



UNI/ISO 6788 DIN 3119

978	2	009780001
17x19x21x22 mm		
979	2	009790001
17x19x22x 1/2 mm		

## 982

four-way hexagon wheel nut wrench

34"



UNI/ISO 6788 DIN 3119

24x27x32x 3/4 mm	1	009820001
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## 983PM

abrasive brush for cleaning hubs

14"

12"



Ø1 mm	Ø2 mm	
90	150	1 009830010

## 983 PM/R-DA

abrasive discs, pair, for item 983PM



Ø mm	
150	1 009830050

## 984

wheel nut plastic cap pliers



L mm	H mm	
195	4	1 009840005

## 985/B7

assortment of 7 guide pins for wheel installation

Included sizes:

- M12X1.25 male
- M12x1.25 female
- M12x1.5 male
- M12x1.5 female
- M14x1.25 male
- M14x1.5 male
- M16x1.5 male



C985/B7	1	009850007
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## 985M

male guide pins for wheel installation



	L mm	
985M M12X1,25	150	1 009850101
985M M12X1,50	150	1 009850102
985M M14X1,25	150	1 009850103
985M M14X1,50	150	1 009850104
985M M16X1,50	150	1 009850105

## 985F

female guide pins for wheel installation



	L mm	
985F M12X1,25	150	1 009850106
985F M12X1,50	150	1 009850107

## 986 48

tyre valve screwdriver, short model  
automatic valve retention



L mm	L1 mm	
18	48	1 009860048

## 986 78

tyre valve screwdriver  
automatic valve retention



L mm	L1 mm	
18	78	1 009860078



## 986PT

tyre valve screwdriver,  
precalibrated, 0.4 Nm

automatic valve retention  
slip mechanism prevents  
valve core gasket  
from getting damaged



L mm 19 L1 mm 120  
1 009860140

## 987

tyre valve lever  
with rubber protection

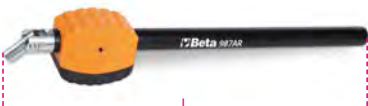


L mm 310  
1 009870001

## 987AR

tyre valve lever  
with non-scratch fulcrum

- rubber and nylon fulcrum for alloy and iron rims
- valve quick coupling, does not require screwing



L mm 305  
1 009870021

## 987P

tyre valve lever  
made of plastic

Handle accommodates screwdriver to work on mechanism inside valve



L mm 335  
1 009870011



## 988/K4

set of 4 scratchproof plastic flat chisels



988/K4  
A= 19-21-25-38 mm  
1 009880104

## 989

wheel balancing weight tool



L mm 250  
2 009890001

## 989A

pliers for removing wheel balancing adhesive weights



Nose profile specially designed to remove weights without making contact with rim

989A L mm 220  
1 009890011

## 989B

combination pliers for wheel balancing weights

- functions:
- removing adhesive weights for alloy rims
  - removing weights for iron rims
  - hammer with removable PE-HD covering for adhesive weights and iron rims
  - weight jaws for iron rims



L mm 230  
1 009890015

## 990

straight thin knurled point spring tweezers made from stainless steel bright finish



L mm 130  
5 009900001

## 991

bent thin knurled point spring tweezers made from stainless steel, bright finish



L mm 130  
5 009910001

## 992

straight thin knurled point pin spring tweezers made from stainless steel bright finish



L mm 150  
5 009920001

## 993

bent thin knurled point pin spring tweezers made from stainless steel bright finish



L mm 145  
5 009930001

## 993PL

bent thin knurled point pin spring tweezers made from stainless steel PVC-coated



L mm 150  
3 009930010

### 993G

pin spring tweezers, curved round ends, knurled made from stainless steel bright finish



L mm 160 3 009930030

### 994

straight large knurled point spring tweezers made from stainless steel bright finish



L mm 150 5 009940001

### 994PL

straight large knurled point spring tweezers made from stainless steel PVC-coated



L mm 150 3 009940010

### 994TF

spring tweezers, acid and magnetic resistant, large round noses, strong and knurled ends made from stainless steel semi-bright finish



L mm 150 3 009940020

### 996

straight end spring tweezers with wide tips made from stainless steel bright finish



L mm 150 5 009960001

### 998

cross knurled end spring tweezers made from stainless steel bright finish



L mm 155 5 009980001

### 999

flat round end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 3 009990011

### 999A

extra slim short end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990015

### 999B

strong straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990017

### 999C

extra slim straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 110 3 009990019

### 999D

extra slim angled end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 3 009990021

### 999E

extra slim curved end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 3 009990023

### 999G

extra slim straight end spring tweezers, acid and magnetic resistant with stop mechanism made from stainless steel semi-bright finish



L mm 140 3 009990027

### 999/B6N

set of 6 spring tweezers, acid and magnetic resistant



999/B6N 1 009990060  
999-999A-999B  
999C-999D-999E

### 1002

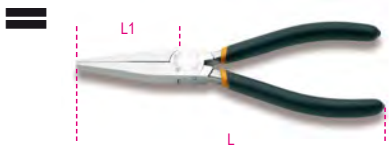
self-locking round end knurled tool made of stainless steel



L mm 160 2 010020001

### 1008

long flat knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	Quantity	Part No.
160	51,5	5	010080006

### 1008BM

long flat knurled nose pliers  
bi-material handles



ISO 5745

L mm	L1 mm	Quantity	Part No.
160	51,5	3	010080036

### 1009

extra-long knurled nose pliers, slip-proof  
double layer PVC coated handles



ISO 5745

L mm	L1 mm	Quantity	Part No.
160	56,5	2	010090006

### 1009L/A

extra long needle knurled nose pliers,  
for special operations,  
slip-proof double layer PVC coated handles



L mm	L1 mm	Quantity	Part No.
283	80	2	010090008

### 1009L/B

curved extra long knurled nose pliers,  
45°, for special operations,  
slip-proof double layer PVC coated handles



L mm	L1 mm	Quantity	Part No.
273	73	2	010090009

### 1009L/C

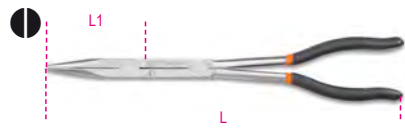
bent extra long knurled nose pliers, 90°,  
for special operations,  
slip-proof double layer PVC coated handles



L mm	L1 mm	Quantity	Part No.
253	45	2	010090010

### 1009L/D

extra-long, knurled double swivel nose pliers,  
slip-proof double layer PVC coated handles



L mm	L1 mm	Quantity	Part No.
342	71	1	010090058

### 1009L/DP

curved extra-long knurled double swivel nose  
pliers, 45°,  
slip-proof double layer PVC-coated handles



L mm	L1 mm	Quantity	Part No.
336	66	1	010090059

### 1009L/DP-S2

Set of 2 extra-long, knurled double swivel nose  
pliers



Part No.	Quantity
1009L/DP-S2	1 010090060

### 1010

long round knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	Quantity	Part No.
160	51,5	2	010100006

### 1010BM

long round knurled nose pliers  
bi-material handles



ISO 5745

L mm	L1 mm	Quantity	Part No.
160	51,5	2	010100036



# CIRCLIP PLIERS (SEEGER TYPE)

## PERFECT ALIGNMENT

Tests have shown that Beta's circlip pliers provide excellent seeger (snap ring) alignment, based on the special reverse cone geometry of the tips, obtained through the company's exclusive cold-pressing technology.



## REDUCED TIP BREAKAGE

Beta's pliers are fitted with built-in cold-pressed tips, which provide increased durability compared to competitors', both when used and in case of accidental drops.



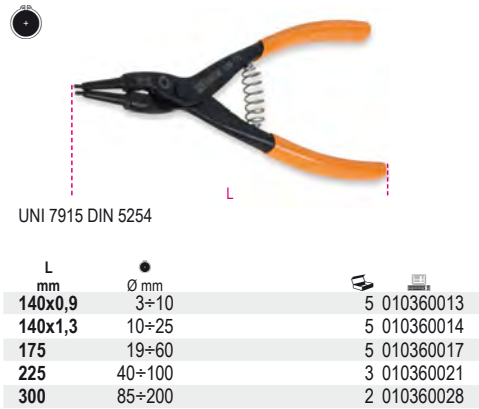
## 1034L

90° curved long nose pliers for elastic safety rings for holes, PVC-coated handles



## 1036

external circlip pliers, straight pattern PVC-coated handles



## 1031/S4

set of 4 circlip pliers



1031/S4			
1032 180	∅ 19 ÷ 60 mm	1	010310000
1034 170	∅ 19 ÷ 60 mm		
1036 175	∅ 19 ÷ 60 mm		
1038 175	∅ 19 ÷ 60 mm		

## 1032

internal circlip pliers, straight pattern PVC-coated handles



L mm	∅ mm		
140x0,9	8÷12	5	010320013
140x1,3	12÷25	5	010320014
180	19÷60	5	010320017
225	40÷100	3	010320021
300	85÷200	2	010320028

## 1033

internal circlip pliers, bent pattern, 45° PVC-coated handles



L mm	∅ mm		
140x0,9	8÷12	5	010330013
140x1,3	12÷25	5	010330014
180	19÷60	5	010330017
225	40÷100	3	010330021

## 1034

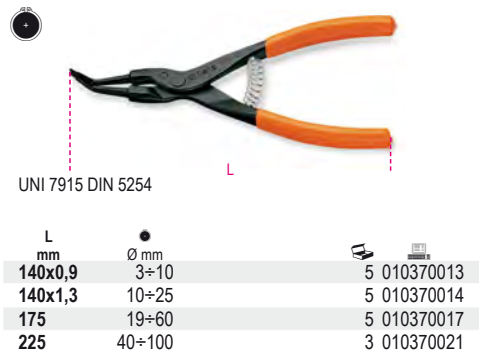
internal circlip pliers, bent pattern, 90° PVC-coated handles



L mm	∅ mm		
130x0,9	8÷12	5	010340013
130x1,3	12÷25	5	010340014
170	19÷60	5	010340017
210	40÷100	3	010340021
290	85÷200	2	010340028

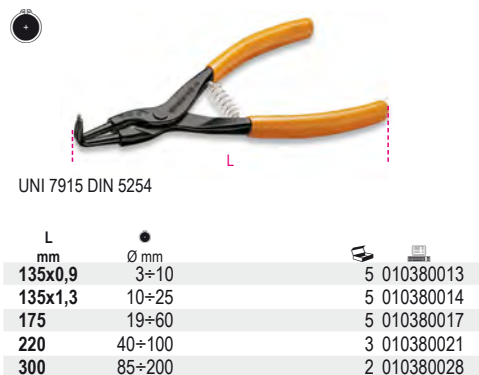
## 1037

external circlip pliers, bent pattern, 45° PVC-coated handles



## 1038

external circlip pliers, bent pattern, 90° PVC-coated handles



### 1039

straight point pliers for internal and external circlips PVC-coated handles



L mm	∅ mm	∅ mm		
150	10÷15	6÷25	2	010390015

### 1558/C4

internal and external snap ring tool, screw-operated

square drive allows a high force to be applied in both operating conditions  
Supplied tips:  
∅ 2.5-3-3.5 mm



1558/C4	∅ mm	∅ mm		
5,5 ÷ 77	5,5 ÷ 77		1	015580100

330x220x50 mm - 900 g

### 1044N

slip joint pliers, phosphated, overlapping joint, non-slip PVC-coated handles

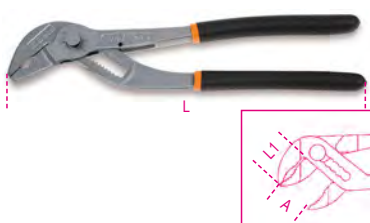
· 8-position model



L mm	A max mm	L1 mm		
250	46	48	5	010440025

### 1047

slip joint pliers, push button adjustment



L mm	A max mm	L1 mm		
180	30	29	2	010470180
240	36	35	2	010470240
300	50	48	1	010470300



## 1048N - POLIGRIP SLIP JOINT PLIERS, BOXED JOINTS

OUTSTANDING GRIP AND UNIQUE EASE OF HANDLING



- Tooth geometry and angle designed for effective, safe grip on hexagonal and cylindrical profiles
- Induction hardened teeth for longer durability
- Wider head/handle angle for improved ergonomic handling
- Contrast retainer preventing accidental hand crushing
- Innovative, slip-proof PVC coated handles
- Unparalleled ease of handling and comfort thanks to larger handle contact surface



### 1048N

slip joint pliers, slip-proof PVC coated handles



ISO 8976

L mm	A max mm	L1 mm	S mm		
175	36	31	11	3	010480910
250	46	38	13	5	010480915
300	60	44	14.8	2	010480920
400	96	81	19	1	010480940

### 1048N/D3

set of slip joint pliers

phosphated heads



1048N/D3				
175-250-300 mm	1	010480923		

### 1048BM

slip joint pliers, boxed joint, bimaterial handles

· new 9-position model

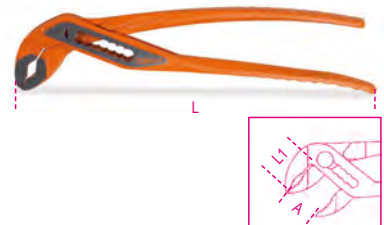


ISO 8976

L mm	A max mm	L1 mm		
250	48	39	3	010480215

### 1048VN

slip joint pliers, boxed joints, with orange lacquered finish



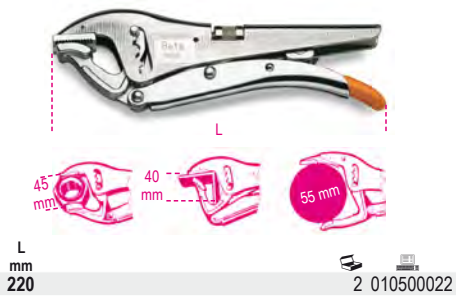
ISO 8976

L mm	A max mm	L1 mm		
175	36	31	3	010480111
250	46	38	5	010480116
300	60	44	2	010480121



### 1050

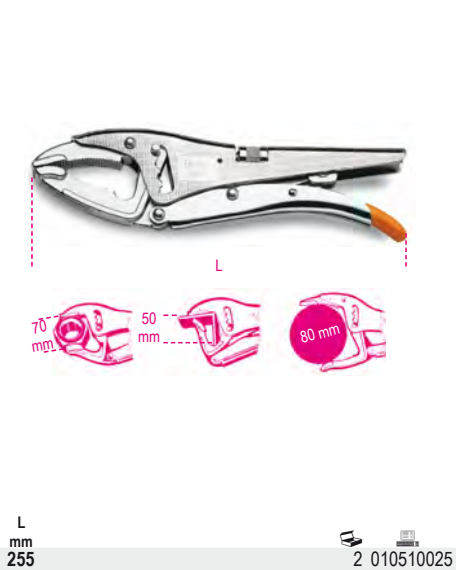
double adjustment self-locking pliers



L mm 220 2 010500022

### 1051

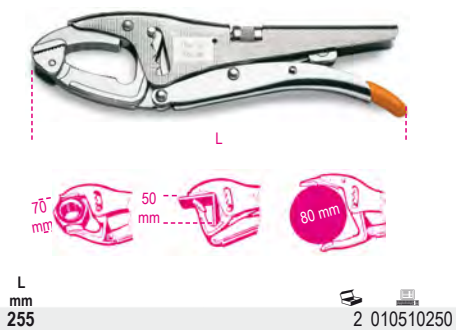
double adjustment self-locking pliers long jaws



L mm 255 2 010510025

### 10516M

double adjustment self-locking pliers, floating jaw



L mm 255 2 010510250

### 1051L

large-capacity double adjustment self-locking pliers



L mm 270 2 010510100

### 1051XL

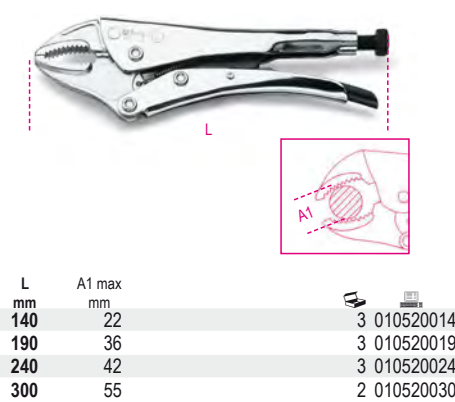
large-capacity double adjustment self-locking pliers, extra-long jaws



L mm 270 2 010510140

### 1052

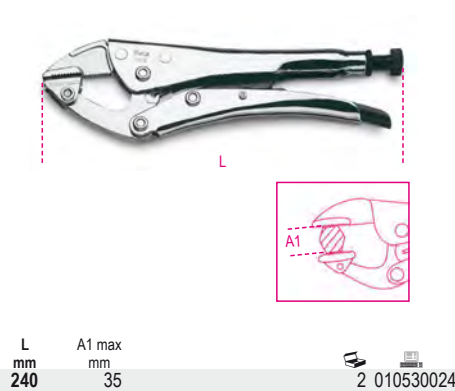
adjustable self-locking pliers, concave jaws



L mm	A1 max mm	
140	22	3 010520014
190	36	3 010520019
240	42	3 010520024
300	55	2 010520030

### 1053

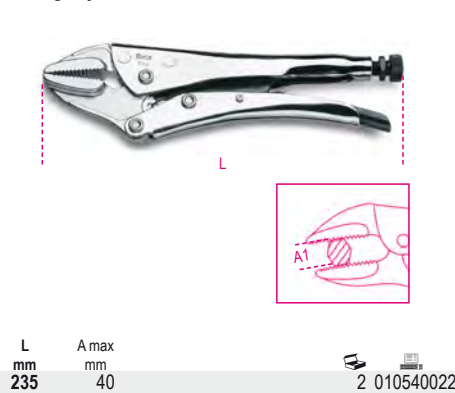
adjustable self-locking pliers, floating jaw



L mm	A1 max mm	
240	35	2 010530024

### 1054

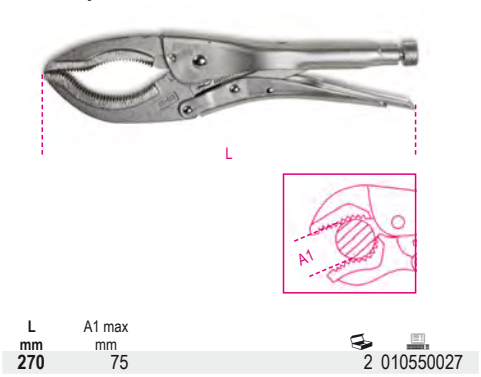
adjustable self-locking pliers, straight jaws



L mm	A max mm	
235	40	2 010540022

### 1055

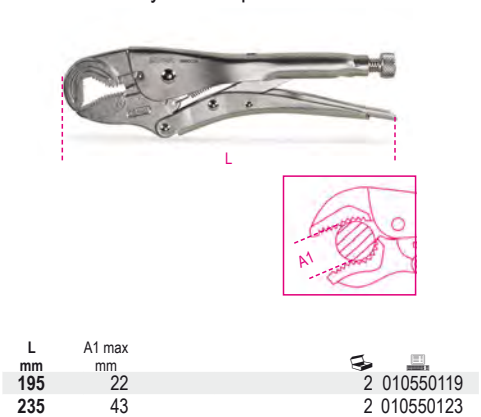
adjustable self-locking pliers, curved jaws



L mm	A1 max mm	
270	75	2 010550027

### 1055D

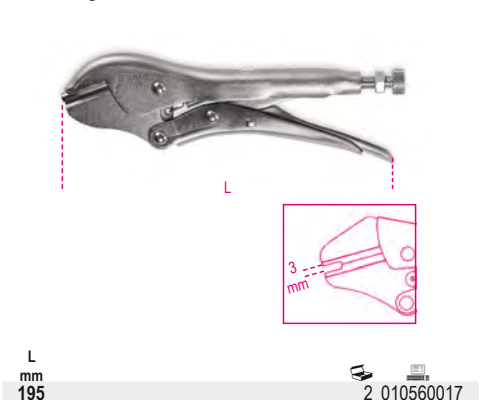
adjustable self-locking pliers, for nuts and cylindrical profiles



L mm	A1 max mm	
195	22	2 010550119
235	43	2 010550123

### 1056

adjustable self-locking pliers for refrigeration technicians



L mm		
195		2 010560017

### 1057A

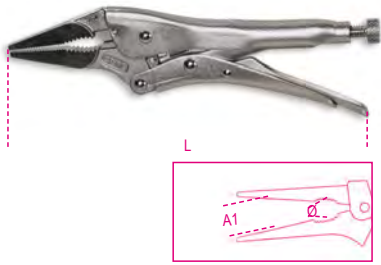
automatic self-locking pliers with adjustable force



L mm		
240		2 010570124

### 1058

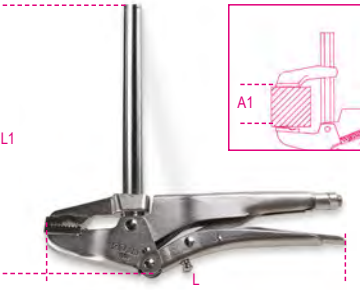
adjustable self-locking pliers,  
long jaws



L mm	A1 max mm	Ø max mm	
175	34	26	2 010580017
225	46	31	2 010580025

### 1059

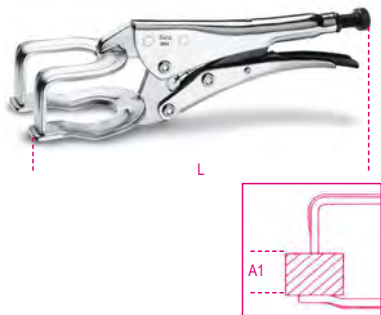
adjustable self-locking pliers  
with one sliding jaw



L1 mm	L mm	A1 mm	
160	255	120	1 010590016
270	255	220	1 010590027

### 1060

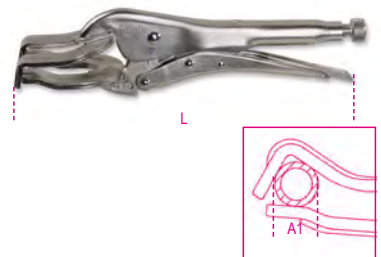
adjustable self-locking pliers,  
fork-type jaws



L mm	A1 max mm	
200	50	2 010600020
280	80	2 010600028

### 1061

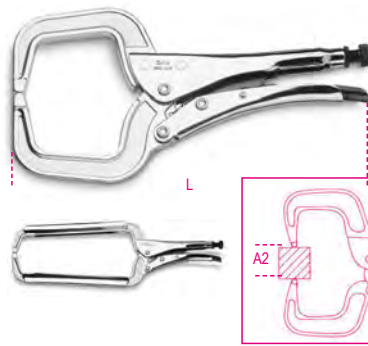
adjustable self-locking pliers,  
fork-type jaws



L mm	A1 max mm	
275	80	2 010610027

### 1062

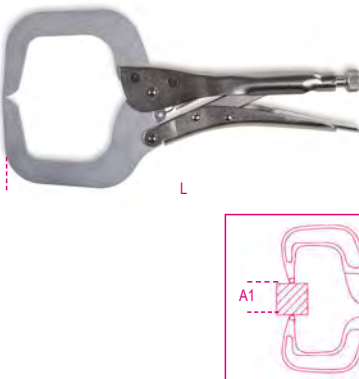
adjustable self-locking pliers  
with C-shaped jaws



L mm	A1 max mm	
170	50	2 010620017
290	120	2 010620029
460	255	1 010620045

### 1062AL

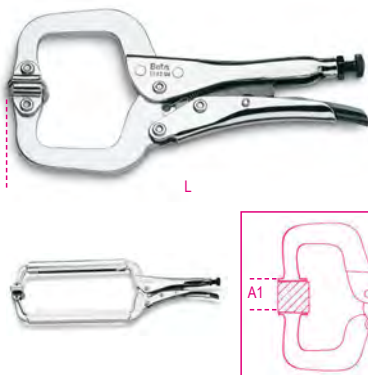
adjustable self-locking pliers,  
aluminium C-shaped jaws



L mm	A1 max mm	
275	88	2 010620327

### 1062GM

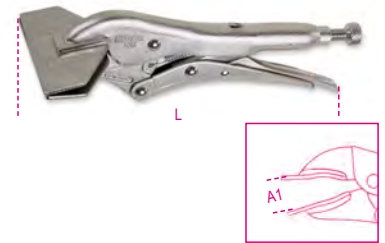
adjustable self-locking pliers  
with floating C-shaped jaws



L mm	A1 max mm	
170	45	2 010620217
290	88	2 010620229
460	255	1 010620245

### 1063

adjustable self-locking pliers  
for tinsmiths



L mm	A1 max mm	
200	31	2 010630021

### 1064

adjustable self-locking pliers with chain



L mm	Ø mm	
230	150	2 010640023

### 1065F

hand punch steel punch and matrix



ø mm	L mm	
5	228	1 010650010
6	228	1 010650015

### 1065P

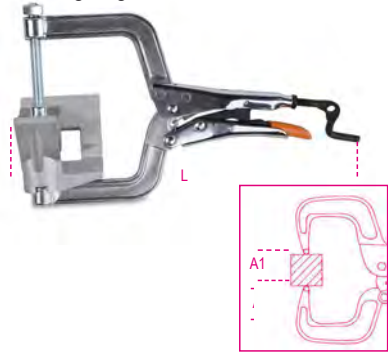
hand crimper steel matrix



L mm	
228	1 010650020

### 1066

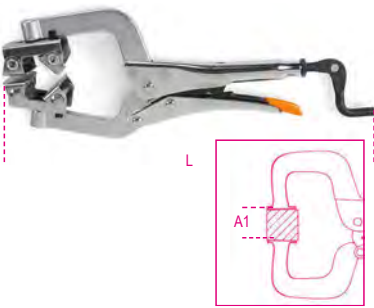
adjustable self-locking pliers,  
90° locking angle



L	A1 max	g		
mm	mm			
210	55	500	1	010660021

### 1067

adjustable self-locking pliers for pipes,  
articulated pipe clamping jaws



L	A1 max			
mm	mm			
285	76		1	010670285
380	89		1	010670380

### 1068



1068	161
------	-----

### 1077

straight wide blade tinsmith's pliers,  
PVC-coated handles



L	A	L1		
~	mm	mm		
280	60	53	1	010770026

### 1078

curved wide blade tinsmith's pliers,  
45° PVC-coated handles

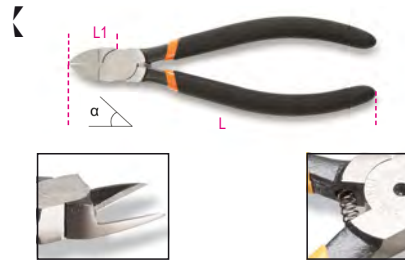


L	A	L1		
~	mm	mm		
280	60	77	1	010780026

### 1080D

diagonal flush cutting nippers,  
slip-proof double layer PVC coated handles

For cutting plastic



	L	L1		
°	mm	mm		
15°	160	22	3	010800015
45°	160	22	3	010800045

### 1081

semi-flush cutting nippers,  
slip-proof double layer PVC  
coated handles

• For micro-mechanics and heavy-duty electronics



L	L1			
mm	mm			
125	16		3	010810130

### 1082

diagonal cutting nippers,  
chrome-plated,  
slip-proof double layer PVC coated handles



UNI/ISO 5749				
L	L1	≡		
mm	mm	mm		
140	20	1,6	5	010820004
160	22	1,6	5	010820006

### 1082G

diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish



UNI/ISO 5749				
L	L1	≡		
mm	mm	mm		
140	20	1,6	5	010820064
160	22	1,6	5	010820066

### 1082BM

diagonal cutting nippers,  
bi-material handles



UNI/ISO 5749

L	L1	≡		
mm	mm	mm		
140	20	1,6	3	010820034
160	22	1,6	3	010820036

### 1082GBM

diagonal cutting nippers,  
bi-material handles,  
industrial finish



UNI/ISO 5749

L	L1	≡		
mm	mm	mm		
140	20	1,6	3	010820264
160	22	1,6	3	010820266

### 1084

heavy duty diagonal cutting nippers,  
chrome-plated,  
slip-proof double layer PVC coated handles



UNI/ISO 5749

L	L1	≡		
mm	mm	mm		
160	22	1,6	5	010840006
200	28	2,0	3	010840010

### 1084G

heavy duty diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish



UNI/ISO 5749

L	L1	≡		
mm	mm	mm		
160	22	1,6	5	010840066
200	28	2,0	3	010840070

## 1084BM

heavy duty diagonal cutting nippers, chrome-plated, bi-material handles



UNI/ISO 5749

L mm	L1 mm	⌀ mm		
160	22	1,6	3	010840036
200	28	2,0	3	010840040

## 1084GBM

heavy duty diagonal cutting nippers, bi-material handles, industrial finish



UNI/ISO 5749

L mm	L1 mm	⌀ mm		
160	22	1,6	3	010840266
200	28	2,0	3	010840270

## 1088

heavy duty end cutting nippers, slip-proof double layer PVC coated handles



UNI/ISO 5748

L mm	L1 mm	⌀ mm		
160	9	1,6	2	010880006
200	11	2,0	2	010880010

## 1088BM

heavy duty end cutting nippers, bi-material handles



UNI/ISO 5748

L mm	L1 mm	⌀ mm		
160	9	1,6	2	010880036
200	11	2,0	2	010880040

## 1092V

toggle lever assisted end cutting nippers



UNI/ISO 5748

L mm	L1 mm	⌀ mm		
180	8	2,0	2	010920280
200	9	2,5	2	010920310

## 1094V

toggle lever assisted diagonal cutting nippers



UNI/ISO 5749

L mm	L1 mm	⌀ mm		
200	23	2,5	2	010940200

## 1095N

toggle lever assisted diagonal cutting nippers



L mm	L1 mm	⌀ mm		
195	26	1,6	2	010950010

## 1096

carpenter's pincers



ISO 9243

L mm	L1 mm			
160	21	5	010960016	
200	23	5	010960020	
250	30	5	010960025	

## 1098

construction worker's pincers



ISO 9242 DIN 5242

L mm	L1 mm			
190	12	5	010980190	
220	13	5	010980220	
250	15	5	010980250	
280	18	5	010980280	

## 1098PL

construction worker's pincers, PVC coated handles



ISO 9242 DIN 5242

L mm	L1 mm			
220	13	5	010980320	
250	15	5	010980350	
280	18	5	010980380	

## 1101

bolt cutter phosphatized blades and rubber grip handles



L mm	L mm			
300	12	2	011010030	
350	14	2	011010035	
450	18	1	011010045	
600	24	1	011010060	
750	30	1	011010075	
900	36	1	011010090	

L mm	R = 80 Kg/mm² Ø mm	R = 140 Kg/mm² Ø mm	g	
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	

## 1101R

spare blades for item 1101



mm	1101			
300	300	1	011010130	
350	350	1	011010135	
450	450	1	011010145	
600	600	1	011010160	
750	750	1	011010175	
900	900	1	011010190	

## 1102

bolt cutters, small series

Cutting capacity  
R=  $\approx$ 80 Kg/mm<sup>2</sup>



L	mm		
230	4	3	011020020

## 1103

flat hat bolt cutter  
for rod irons, bolts and electrowelded mesh for  
concrete reinforcement

max.  $\varnothing$  = 12 mm  
max.  $\varnothing$  (HRC 48) = 6 mm



L	mm		
950		1	011030090

## 1103R

spare head for item 1103



1103R 950	1	011030190
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## 1104

heavy-duty cutters for flexible steel cables,  
handles with thermoplastic grips



R=80 Kg/mm<sup>2</sup>

L	mm	mm		
420	12		1	011040004
600	16		1	011040006

## 1104R

spare blades for item 1104



mm			
420		1	011040014
600		1	011040016

## 1105

punches made from burnished steel



D	L		
2	27	1	011050002
3	27	1	011050003
4	27	1	011050004
5	27	1	011050005
6	27	1	011050006
7	27	1	011050007
8	27	1	011050008
9	27	1	011050009
10	27	1	011050010
12	27	1	011050012
14	27	1	011050014
16	27	1	011050016
18	27	1	011050018
20	27	1	011050020
22	32	1	011050022
24	32	1	011050024
26	32	1	011050026
28	32	1	011050028
30	32	1	011050030
32	37	1	011050032
34	37	1	011050034
36	37	1	011050036
38	37	1	011050038
40	37	1	011050040
42	42	1	011050042
44	42	1	011050044
46	42	1	011050046
48	42	1	011050048
50	42	1	011050050

## 1105T20

shank for punches 1105,  
2 to 20 mm



L	mm		
110		1	011050200

## 1105T30

shank for punches 1105,  
3 to 30 mm



L	mm		
175		1	011050205

## 1105T50

shank for punches 1105  
2 to 50 mm



L	mm		
175		1	011050207

## 1105AD-50

shank adaptor for item 1105T50



$\varnothing$	mm		
57		1	011050210

## 1105/C10T

assortment of 10 punches,  
3 to 20 mm, and 1 accessory



1105C/10T	1	011050250
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1105	3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 mm
1105T20	
135x92x32 mm	

## 1105/C16T

assortment of 15 punches,  
3 to 30 mm, and 1 accessory



1105C/16T	1	011050255
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1105	3 - 4 - 6 - 8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 mm
1105T30	
240x210x60 mm	

## 1105/C32T

assortment of 29 punches,  
2 to 50 mm, and 3 accessories



1105C/32T 1 011050257

1105	2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 - 26 - 28 - 30 - 32 - 34 - 36 - 38 - 40 - 42 - 44 - 46 - 48 - 50 mm
1105T50	
1105AD-50	

455x380x115 mm

## 1112

tin snips straight wide blades

Cutting capacity  
R= 60 Kg/mm<sup>2</sup>

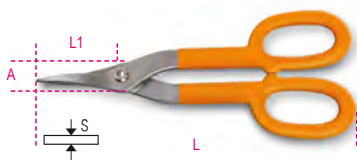


L	L1	S	A	
mm	mm	mm	mm	
200	50	0,5	26	2 011120020
250	62	0,8	33	2 011120025
300	76	1,0	37	2 011120030
375	76	1,2	44	1 011120037

## 1114

tin snips straight narrow blades

R = 60 Kg/mm<sup>2</sup>



L	L1	S	A	
mm	mm	mm	mm	
250	58	0,5	15	1 011140265
350	76	1	22	1 011140340

## 1118

safety strap cutting shears

Fe = normal steel  
Inox = stainless steel



L	L1	Fe	Inox	
mm	mm	S mm	S mm	
310	42	1	0,8	2 011180001

## 1120A

hand nibbler

Fe = normal steel



L	Fe	
mm	S mm	
280	1,2	1 011200101

## 1120ARL - ARG

spare parts for item 1120A



1120ARL	1 011200110
1120ARG	1 011200120

## 1122

compound leverage shears,  
straight blades

Inox = stainless steel



L	L1	Inox	A	
mm	mm	S mm	mm	
250	40	1	24	2 011220020

## 1122L

long blade shears for straight cuts

Inox = stainless steel

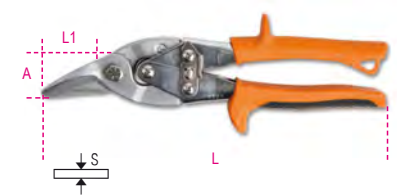


L	L1	Inox	
mm	mm	S mm	
288	98	1	2 011220035

## 1123

right cut compound leverage shears,  
curved blades

Inox = stainless steel



L	L1	Inox	A	
mm	mm	S mm	mm	
250	40	1	24	2 011230020

## 1124

left cut compound leverage shears,  
curved blades

Inox = stainless steel

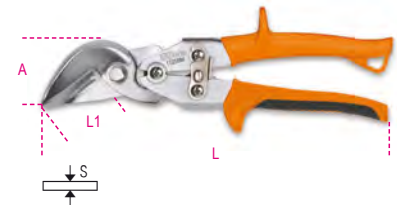


L	L1	Inox	A	
mm	mm	S mm	mm	
250	40	1	24	2 011240020

## 1125

compound leverage shears  
for straight and right cuts

Inox = stainless steel

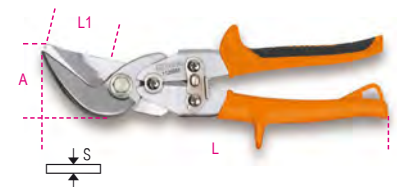


L	L1	Inox	A	
mm	mm	S mm	mm	
250	35	1	46	2 011250020

## 1126

compound leverage shears  
for straight and left cuts

Inox = stainless steel



L	L1	Inox	A	
mm	mm	S mm	mm	
250	35	1	46	2 011260020

## 1122 - 1125MOL



1122 MOL	1122 - 1124	1 011220010
1123 MOL	1123	1 011230010
1125 MOL	1125 - 1126	1 011250040

# 1128FXS ELECTRICIAN'S SCISSORS WITH GRADUATED MILLING PROFILES

To redesign our electrician's scissors, we observed users' daily work. We have made it into a universal tool, incorporating the 4 main features into one object.

**CUTTING** Quick and sharp, for cables up to 50 mm<sup>2</sup>, with a cable cutting groove and a microtoothed blade, for improved hold.

**STRIPPING** The sensitive anti-loosening pin allows even the thinnest cables to be accurately stripped.

**CRIMPING** Safe and durable, for tube terminals.

**COUNTERSINKING** The milling profile allows the holes in pull boxes to be countersunk accurately and neatly.



# 1128BAX DOUBLE-ACTING ELECTRICIANS' SCISSORS, with milling profiles in DLC-coated stainless steel

Scissors 1128BAX stand out for their DLC-finished blades. DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness - resistance to abrasion and wear
- Low coefficient of friction - smoothness and anti-adherence



**+HARDNESS**  
**-COEFFICIENT OF FRICTION**



## 1127

telephone engineer's scissors, straight blades



L	L1	
mm	mm	
150	35	5 011270001

## 1128BAX

Double-acting electricians' scissors, with milling profiles in DLC-coated stainless steel

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	mm <sup>2</sup>
mm	mm	
150	50	50

5 011280088

## 1128BMX

electrician's scissors, straight stainless steel blades, with microteeth



L	L1	
mm	mm	
147	58,2	5 011280051

## 1128BMX/F

articulated plastic case for item 1128BMX



1128BMX/F	1	011280059
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## 1128BSX

electrician's scissors with graduated milling profiles with case



L	L1	
mm	mm	
148	58,2	5 011280061

## 1128FX

electrician's scissors, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin



L	L1	mm <sup>2</sup>
mm	mm	
145	52	50

5 011280090



## 1128FXS

electrician's scissors with graduated milling profiles, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals

- Articulated belt hook case
- Bimaterial handles
- Anti-loose pin

• Profile and mill: designed to enlarge holes on plastic, from 13 to 21 mm.



L mm	L1 mm	mm <sup>2</sup>		
145	52	50	5	011280095

## 1128BM

electrician's scissors, straight blades



L mm	L1 mm			
145	50		5	011280000

## 1130BMX

Multituse scissors, straight stainless steel blades, with microteeth



L mm	L1 mm			
185	60		1	011300002

## 1131CK

Kevlar® and fibre optics scissors



L mm	L1 mm			
203	75		1	011310001

## 1132

cable cutters for insulated copper and aluminium cables, slip-proof double layer PVC coated handles



UNI 8791

L mm	mm	mm <sup>2</sup>		
170	14	50	2	011320107
230	18	95	2	011320113

## 1132BM

cable cutters for insulated copper and aluminium cables, bi-material handles



UNI 8791

L mm	mm	mm <sup>2</sup>		
170	14	50	2	011320137
230	18	95	2	011320143

## 1133

cable cutter for copper cables, flexible

up to 325 mm<sup>2</sup>



L mm	mm	mm <sup>2</sup>		
600	30	325	1	011330001

## 1133RL

spare blades for item 1133



1133RL	1	011330011
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## 1135

cable cutter for steel cables



L mm		
190	2	011350001

## 1142BM

wire stripping pliers, bi-material handles



UNI 7923

L mm	mm <sup>2</sup>	mm		
160	0,5÷6	0-2,8	3	011420036

## 1143

wire stripping pliers



L mm	mm <sup>2</sup>	mm		
165	0,5÷6	1-3,2	1	011430001

## 1143R

spare blades for item 1143

1143R	1	011430011
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## 1144D

cable stripping tool



L mm	mm <sup>2</sup>	mm		
170	4,5÷240	2,5-18	1	011440010

## 1144D/RG

spare hook for item 1144D



1144D/RG	1	011440012
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## 1144D/RL

spare blades for item 1144D

1144D/RL	1	011440011
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## 1144G

cable stripping tool

with adjustable blade for transverse and longitudinal cuts



L				
140	6÷75	2.8-12	1	011440004

## 1144G/RL

spare blade for item 1144G



1144G/RL		
	1	011440005

## 1144L

cable stripping tool with adjustable blade depth, for transverse and longitudinal stripping  
with smooth and hook-shaped retractable blade



L				
145	6-150	4-28	1	011440050

## 1144T

cable stripping tool, pocket size, with cutting device



L				
112	3,5 ÷ 9	40	1	011440060

## 1148A

wire stripping pliers, self-adjusting, with cutting device

cutting capacity  
 10 mm<sup>2</sup> (8 AWG) flexible wires  
 1,5 mm<sup>2</sup> (16 AWG) sturdy wires



L				
190	0,02÷10	0-4	1	011480100

## 1148A/R

spare blades for item 1148A



1148A/R		
	1	011480102

## 1148B

wire stripping pliers, self-adjusting, with cutting device



L				
190	4÷16	2-5	1	011480200

## 1148B/R

spare blades for item 1148B



1148B/R		
	1	011480202

## 1148P

wire stripping pliers, self-adjusting, with cutting device



L				
165	0.2-6	0-3.5	1	011480300



## 1149F

front wire stripping pliers with cutting blade, self-adjusting



L			
175	0,2 ÷ 6	1	011490010

## 1150

combination pliers  
bright chrome-plated, slip-proof double layer PVC coated handles

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L	L1			
mm	mm	mm		
160	42	1,6	5	011500046
180	46	1,8	5	011500048
200	50	2,0	5	011500050
220	50	2,0	2	011500052

## 1150G

heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish

• The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L	L1			
mm	mm	mm		
160	42	1,6	5	011500066
180	46	1,8	5	011500068
200	50	2,0	5	011500070
220	50	2,0	2	011500072



INDUSTRIAL FINISHING

# 1150HPC HEAVY DUTY UNIVERSAL PLIERS

with cutting edges made of M2 sintered steel

- The decentralized pin allows the fulcrum to be closer to the cutting point, thereby resulting in an improved lever effect.
- Perfect alignment of the nose and the thin profile allow the pliers to be used in very small areas.
- The body of the pliers is made of a reliable molybdenum steel which has been heat treated in order to be flexible and resistant so as to guarantee a safe grip in any moment.



Shearing stress - static test = **-73%**

Average life of cutting edges = (test ISO 5744) **+127%**

Hardness of M2 steel cutting edges = **65HRC**

- ABSOLUTELY GROUNDBREAKING
- PEARL CHROME-PLATED FINISH
- REMARKABLE CUTTING CAPACITY

## 1150HPC

heavy duty combination pliers with integrated cutting edges and decentralized pin bi-material handles open joint

integrated cutting edge  
steel: M2  
thickness: 0.20 mm  
angle: 62°  
hardness: 63+65 HRC



ISO 5746

L mm	L1 mm	mm		
180	42	1,8	3	011500618

## 1150BM

combination pliers bright chrome-plated, bi-material handles

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500146
180	46	1,8	3	011500148
200	50	2,0	3	011500150
220	50	2,0	2	011500152

## 1150GBM

heavy duty combination pliers, bi-material handles, industrial finish

- The decentralized pin increases the lever effect, thereby reducing effort, for powerful cutting capacity.



ISO 5746

L mm	L1 mm	mm		
160	42	1,6	3	011500266
180	39	1,8	3	011500268
200	50	2,0	3	011500270
220	50	2,0	2	011500272

## 1153

adjustable pliers, two positions, PVC-coated handles



UNI ISO 9343

L mm	L1 mm			
200	34		2	011530120

## 1162

extra-long flat knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	mm		
160	58	1,6	5	011620006
200	86	1,6	5	011620010



## 1162G

extra-long flat knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	58	1,6	5	011620066
200	86	1,6	5	011620070

## 1162BM

extra-long flat knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	58	1,6	3	011620036
200	86	1,6	3	011620040

## 1162GBM

extra-long flat knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	58	1,6	3	011620266
200	86	1,6	3	011620270

## 1164

extra long bent flat knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	5	011640006
200	76	1,6	5	011640010

## 1164BM

extra long bent flat knurled nose pliers, bi-material handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	3	011640036
200	76	1,6	3	011640040

## 1166

extra-long needle knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles

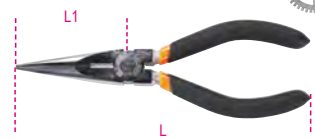


ISO 5745

L	L1	mm		
mm	mm	mm		
160	56	1,6	5	011660006
200	76	1,6	5	011660010

## 1166G

extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	56	1,6	5	011660066
200	76	1,6	5	011660070

## 1166BM

extra-long needle knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	56	1,6	3	011660036
200	76	1,6	3	011660040

## 1166GBM

extra-long needle knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	56	1,6	3	011660266
200	76	1,6	3	011660270

## 1168

extra-long bent needle knurled nose pliers, chrome-plated, slip-proof double layer PVC coated handles



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	5	011680006
200	76	1,6	5	011680010

## 1168G

extra-long bent needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish



ISO 5745

L	L1	mm		
mm	mm	mm		
160	54	1,6	5	011680066
200	76	1,6	5	011680070

## 1168BM

extra-long bent needle knurled nose pliers, chrome-plated, bi-material handles



ISO 5745

L	L1	mm		
160	54	1,6	3	011680036
200	70	1,6	3	011680040

## 1168GBM

extra-long bent needle knurled nose pliers, bi-material handles, industrial finish



ISO 5745

L	L1	mm		
160	54	1,6	3	011680266
200	70	1,6	3	011680270

## 1169/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



<b>1169/D3</b>			1	011690053
1082	160mm			
1150	180mm			
1166	160mm			

## 1169G/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, slip-proof double layer PVC, industrial finish



<b>1169G/D3</b>			1	011690073
1082G	160mm			
1150G	180mm			
1166G	160mm			

## 1169BM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers



<b>1169BM/D3</b>			1	011690133
1082BM	160mm			
1150BM	180mm			
1166BM	160mm			

## 1169GBM/D3

set of 1 combination pliers, 1 long needle nose pliers and 1 diagonal cutting nippers, bi-material handles, industrial finish



<b>1169GBM/D3</b>			1	011690273
1082GBM	160mm			
1150GBM	180mm			
1166GBM	160mm			

## 1169N/D4

Set of 1 heavy-duty combination pliers, 1 long needle nose pliers, 1 cutting nippers, chrome-plated, and 1 slip joint pliers with boxed joints, phosphated



<b>1169N/D4</b>			1	011690024
1082	160 mm			
1150	180 mm			
1166	160 mm			
1048N	250 mm			

## 1171BM

smooth, flat short nose pliers bi-material handles

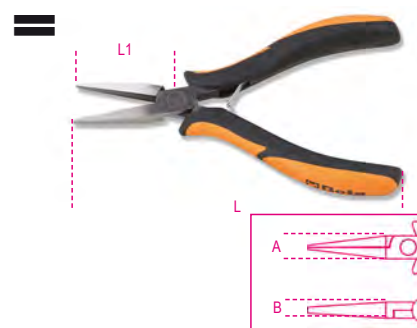


ISO 9655

L	L1	A	B	
~ 130	18	12	8	2 011710101

## 1172BM

smooth, flat long nose pliers bi-material handles

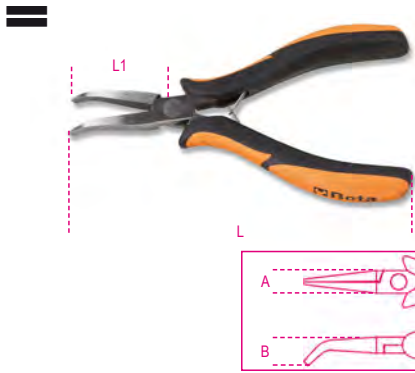


ISO 9655

L	L1	A	B	
~ 140	40	12	8	2 011720101

### 1172BM/P

smooth, flat bent long nose pliers  
bi-material handles



L	L1	A	B
~ 140	mm 38	mm 12	mm 13

2 011720102

### 1173BM

round short nose pliers  
bi-material handles



ISO 9655

L	L1	A	B
~ 125	mm 22	mm 12	mm 8

2 011730101

### 1175BM

smooth half-round short nose pliers  
bi-material handles



ISO 9655

L	L1	A	B
~ 140	mm 29	mm 12	mm 8

2 011750101

### 1177BM

smooth half-round long nose pliers  
bi-material handles



ISO 9655

L	L1	A	B
~ 140	mm 38	mm 12	mm 8

2 011770101

### 1177BM/Z

half-round long knurled nose pliers  
bi-material handles



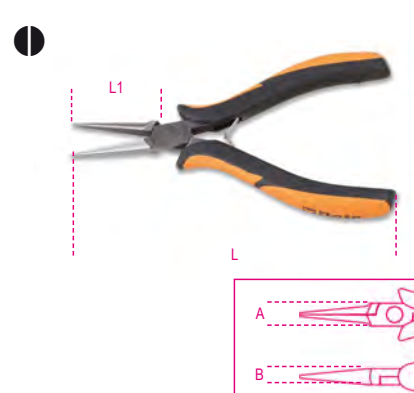
ISO 9655

L	L1	A	B
~ 140	mm 39	mm 12	mm 8

2 011770113

### 1178BM

smooth half-round long needle nose pliers  
bi-material handles



ISO 9655

L	L1	A	B
~ 140	mm 37	mm 12	mm 8

2 011780101

### 1178BM/P

smooth half-round long bent  
needle nose pliers  
bi-material handles



L	L1	A	B
~ 140	mm 36,5	mm 12	mm 12

2 011780102

Copper cutting nippers.  
For heavier duty jobs see item 1081

### 1182BM

diagonal semi-flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654

L	L1	A	Cu
mm 120	mm 11	mm 10	mm 1

2 011820101



### 1183BM

diagonal semi-flush cutting nippers,  
rounded tips  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
120	11	10	1	2 011830101
130	11	10	1	2 011830102

### 1184BM

diagonal flush cutting nippers,  
rounded tips  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
120	11	10	1	2 011840101
130	13	12,5	1,25	2 011840102

### 1185BM

diagonal flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
120	11	10	1	2 011850101
130	13	12,5	1,25	2 011850102

### 1186BM

diagonal flush cutting nippers,  
slim tapering tips  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
120	11	10	1	2 011860101
130	13	12,5	1,25	2 011860102

### 1188BM

diagonal axial cutting nippers  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
125	12	12	1,25	2 011880101
130	17	15	2	2 011880102

### 1190BM

end semi-flush cutting nippers  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
120	12	12	1,25	2 011900113

### 1191BM

end flush oblique cutting nippers  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
130	8	12	0,8	2 011910101

### 1191BM/L

end flush long oblique cutting nippers  
bi-material handles



ISO 9654

L	L1	A	Cu	
mm	mm	mm	mm	
130	18	12	1	2 011910110

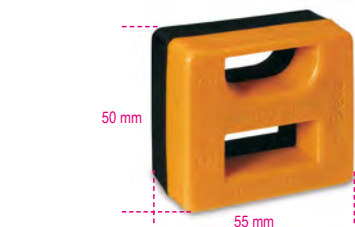
### 1191R/5-M

spare spring kit for pliers and nippers for  
electronics, 5 pairs (items: 1171...1191)

1191R/5-M	1 011910995
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### 1200MS

magnetizer/demagnetizer



1200MS	5 012000000
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# Beta **evox**

## THE EVOLUTION OF THE SCREWDRIVER!

The ergonomic design fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

Beta's tried-and-tested blades ensure unique elasticity, hardness and wear resistance, for top-end professional tools.

The octagonal section prevents any bothersome rolling on the worktop.

The precision area allows the screwdriver to be quickly rotated between the fingers.

The hole on the handle allows the screwdriver to hang for easy storage.

New thermoplastic rubber makes each use including heavy-duty ones even more comfortable.

The style and size of the tip is printed on the round cap for quick identification.



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**The ergonomic design** fits the palm of the hand perfectly. The large contact surface makes it possible to transmit maximum force with minimum effort.

**The octagonal section** prevents any bothersome rolling on the worktop.

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The style and size of the tip is printed on the **round cap** for quick identification.

The brand-new hole on the handle allows the screwdriver to hang for easy storage.

### 1201E

screwdriver for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012011003
0,4x2,5x75	166	2,5	5	012011006
0,5x3x75	171	3,0	5	012011009
0,5x3x100	196	3,0	5	012011012
0,6x3,5x75	171	3,5	5	012011018
0,6x3,5x100	196	3,5	5	012011021
0,8x4x100	196	4,0	5	012011030
0,8x4x125	221	4,0	5	012011033
0,8x4x150	246	4,0	5	012011036
1,0x5,5x100	209	5,0	5	012011039
1,0x5,5x125	234	5,0	5	012011040
1,0x5,5x150	259	5,0	5	012011042
1,2x6,5x100	220	6,0	5	012011048
1,2x6,5x125	234	6,0	5	012011050
1,2x6,5x150	270	6,0	5	012011051
1,2x8x150	282	8,0	3	012011057
1,2x8x200	332	8,0	3	012011060
1,6x10x200	332	9,5	3	012011066



1201E/S6	
0,5x3x75-0,6x3,5x100	1 012011206
0,8x4x100-1,0x5,5x100	
1,2x8x150-1,6x10x200 mm	

### 1201EN

screwdriver for slotted head screws, extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86,5	4	3	012011103
1,2x6,5x30	86,5	6	3	012011106

### 1201E/DZ

screwdriver for Dzus® head screws



L mm	L1 mm		
53	173	2	012011501

## 1202E

screwdriver for cross head Phillips® screws



UNI-HISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	5	012021003
0x3x100	200	5	012021006
1x4,5x80	189	5	012021009
1x4,5x120	229	5	012021012
2x6x100	220	5	012021018
2x6x150	270	5	012021021
3x8x150	282	3	012021024
4x9,5x200	332	3	012021027



PHxDxL mm	L1 mm		
PH0x3x60-PH1x4,5x120 PH2x6x150-PH3x8x150 mm		1	012021204

## 1202EN

screwdriver for cross head Phillips® screws, extra-short series



UNI-HISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012021103
2x6x30	86,5	3	012021106

## 1202EL

screwdriver for cross head Phillips® screws, long series



UNI-HISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012021303
1x4,5x300	400	3	012021305
1x4,5x400	508	3	012021306
2x6x400	519	3	012021309

## 1203E/D

set of screwdrivers



PHxDxL mm	L1 mm		
1203E/D5		1	012031001

1201E	0,6x3,5x100-1,0x5,5x150 1,2x6,5x150 mm		
1202E	PH1x4,5x80-PH2x6x100 mm		

PHxDxL mm	L1 mm		
1203E/D5PZ		1	012031003

1201E	0,5x3x75-0,8x4x125 1,0x5,5x150 mm		
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1209E/PZ	PZ1x4,5x80-PZ2x6x100 mm		
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PHxDxL mm	L1 mm		
1203E/D6		1	012031006

1202E	PH1x4,5x80-PH2x6x100 mm		
1204E	0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125 mm		

PHxDxL mm	L1 mm		
1203E/D7		1	012031007

1201E	0,5x3x75-0,8x4x100 1,0x5,5x100-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		

PHxDxL mm	L1 mm		
1203E/D8		1	012031008

1201E	0,5x3x75-0,8x4x125 1,0x5,5x150-1,2x6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

PHxDxL mm	L1 mm		
1203E/D8P		1	012031018

1201E	2,5x50-3x75-4x100 5,5x100-6,5x150 mm		
1202E	PH0x60-PH1x80-PH2x100 mm		

PHxDxL mm	L1 mm		
1203E/D10		1	012031010

1201E	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x100 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

PHxDxL mm	L1 mm		
1203E/D10N		1	012031019

1201E	0,4x2,5x50-0,5x3x75-0,8x4x100- 1,0x5,5x150-1,2x6,5x150 mm		
1201EN	0,8x4x30 mm		
1202E	PH0x3x60 - PH1x4,5x80 - PH2x6x100 mm		
1202EN	PH1x4,5x30 mm		



## 1203E/S



PHxDxL mm	L1 mm		
1203E/S8		1	012031009

1201E	2,5x50-3x75-4x100 5,5x125-6,5x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		

PHxDxL mm	L1 mm		
1203E/S10		1	012031021

1201E	0,4x2,5x50-0,5x3x75 0,8x4x125-1,0x5,5x150 1,2x6,5x150-1,2x8x150 mm		
1202E	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

## 1204E

screwdriver for headless slotted screws



ISO 2380

SxDxL mm	L1 mm		
0,4x2,5x60	156	5	012041003
0,6x3x75	175	5	012041006
0,5x3x100	196	5	012041009
0,8x4x100	196	5	012041012
0,8x4x125	233	5	012041015
1x5x125	234	5	012041018
1x5x150	258	5	012041021
1,2x6,5x150	270	5	012041024

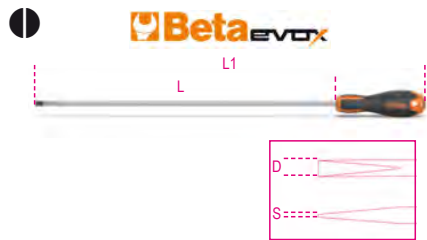


SxDxL mm	L1 mm		
1204E/S5		1	012041205
0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 1,2x6,5x150 mm			



## 1204EL

screwdriver for headless slotted screws, long series



ISO 2380

SxDxL mm	L1 mm		
0,5x2,5x200	300	3	012041303
0,5x3x300	400	3	012041306
0,8x4x400	508	3	012041309
1x5x400	508	3	012041315
1,2x6,5x400	519	3	012041318

## 1205E/ES

hexagon drivers with handles



mm	L mm	L1 mm		
1,5	100	200	3	012051315
2	100	200	3	012051320
2,5	100	200	3	012051325
3	100	200	3	012051330
4	100	208	3	012051340
5	100	219	3	012051350
6	125	244	3	012051360
8	150	277	2	012051380



1205E/ES-S8  
1,5-2-2,5-3-4-5-6-8 mm 1 012051408

## 1206E/BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	Ø mm		
2	100	198	2,5	3	012061320
2,5	100	198	3,0	3	012061325
3	100	198	3,5	3	012061330
4	100	209	5,0	3	012061340
5	100	220	6,0	3	012061350
6	125	245	7,0	3	012061360
8	150	287	9,5	2	012061380



1206E/BP-S7  
2-2,5-3-4-5-6-8 mm 1 012061407

## 1207E/TX

screwdrivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T5	50	150	3	5	012071005
T6	60	156	4	5	012071006
T7	60	156	4	5	012071007
T8	60	156	4	5	012071008
T9	60	156	4	5	012071009
T10	80	189	5	5	012071010
T15	80	189	5	5	012071015
T20	100	209	5	5	012071020
T25	100	209	5	5	012071025
T27	100	220	6	5	012071027
T30	100	220	6	5	012071030
T40	130	262	7	2	012071040
T45	130	262	8	2	012071045



1207E/TX-D7  
T6-T8-T10-T15 1 012071207

1207E/TX-S13  
T5-T6-T7-T8-T9-T10-T15  
T20-T25-T27-T30-T40-T45 1 012071213

## 1208E/RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



⊕	L mm	L1 mm	Ø mm		
T9	60	156	4	5	012081009
T10	80	189	5	5	012081010
T15	80	189	5	5	012081015
T20	100	209	5	5	012081020
T25	100	209	5	5	012081025
T27	100	220	6	5	012081027
T30	100	220	6	5	012081030
T40	130	262	7	2	012081040



Beta EVOLX



1208E/RTX-D7  
T9-T10-T15-T20  
T25-T27-T30 1 012081207

## 1209E/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws



UNI-ISO 8764

PZ	L mm	L1 mm		
0	60	156	5	012091000
1	80	189	5	012091003
2	100	220	5	012091006
3	150	282	3	012091009
4	200	327	3	012091012



Beta EVOLX



1209E/PZ-S4  
PZ0-PZ1-PZ2-PZ3 1 012091204

## 1209EN/PZ

screwdriver for cross head Pozidriv®-Supadriv® screws, extra-short series



ISO 8764

PZ	L mm	L1 mm		
1	30	87	3	012091103
2	30	87	3	012091106

# Beta **EVOX-E**

## ELECTRIC SCREWDRIVER BETA EVOX-E

The electric screwdriver, Beta Evox-E, is ideal for carrying out high-precision jobs with minimum effort and maximum rapidity.



### CONVENIENCE

Reduced dimensions for use in small spaces, and front LEDs for excellent visibility of the work point.

### ERGONOMIC DESIGN

The handle suits the palm of the hand perfectly, for a firm, comfortable hold.

1/4



USB-C

### Battery life

Long-lasting 3.7V 2300mAh lithium battery, allowing up to 1,000 screw fastenings with one charging cycle.

It is available in two variants:

- electric screwdriver 1210E/GE with bits



- electric screwdriver 1211E/GE with 1000V insulated bits



⚡ 1000 V



### 1210E/GE

Evox-E electric screwdriver

- 4-5 mm
- ⊕ PH2
- ⊕ PZ2
- ⊛ T25 - T30



L  
mm  
150

1 0121100701

### 1211E/GE

Evox-E electric screwdriver

- 3,5x0,6 - 5,5x1 mm
- ⊕ PH2
- ⊕ PZ2
- ⊕ PH2/SL
- ⊕ PZ2/SL



L  
mm  
150

1 012110701

### 1229LP/S



1229LP/A6

1,2-1,4-1,8-2-2,4-3 mm

1 012290300

### 1229LPH/A6

set of 6 micro-screwdrivers  
items 1229LP-1229PH



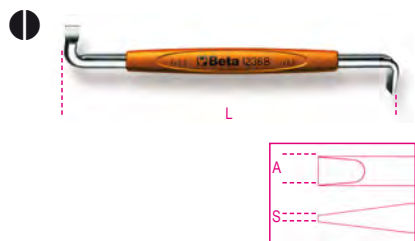
1229LPH/A6

1229LP 1,4-2,0-2,4-3 mm  
1229PH PH0-PH1

1 012290310

## 1236B

offset screwdrivers  
for slotted head screws



UNI 7079 DIN 5200

SxA mm	L mm		
0,8x4	100	5	012360201
1x5,5	125	5	012360202
1,2x8	150	5	012360204

## 1238B

offset screwdrivers  
for cross head Phillips® screws



UNI 7083 DIN 5208

PH	L mm		
1-2	125	5	012380201
3-4	200	5	012380203

## 1241

screwdrivers with steel head for slotted head screws



ISO 2380

SxAxL mm	L1 mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	268	3	012410057
1,6x10x175	300	2	012410065
1,6x10x200	325	2	012410066
2,0x12x200	325	2	012410067
2,5x14x250	375	2	012410076



## 1242

screwdrivers with steel head for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x100	202	5	012420209
2x6x100	215	5	012420218
3x8x150	268	3	012420221
4x11x200	325	2	012420224

## 1243LP/D6

set of 6 screwdrivers with steel heads, for slotted head screws



1243LP/D6		1	012430016
1241	1x5,5x100-1,2x6,5x125 3x8x150-1,6x10x175 2,0x12x200-2,5x14x250 mm		

## 1243/D7

Set of 7 screwdrivers with steel heads



1243/D7		1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm		

## 1243/S11

set of 6 screwdrivers with steel heads



1243/S11		1	012430021
1241	1x5,5x100-1,2x6,5x125 3x8x150-1,6x10x175 1,6x10x200-2,0x12x200 2,5x14x250 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150-PH4x11x200 mm		

## 1250

screwholding screwdrivers  
for slotted head screws



SxDxL mm	L1 mm		
0,5x3x125	190	5	012500030
0,6x4x125	225	5	012500040
0,7x5x150	255	5	012500050

## 1251

screwholding screwdrivers  
for cross head Phillips® screws



PHxDxL mm	L1 mm		
0x4x125	225	5	012510000
1x5x125	225	5	012510010
2x6x175	280	5	012510020

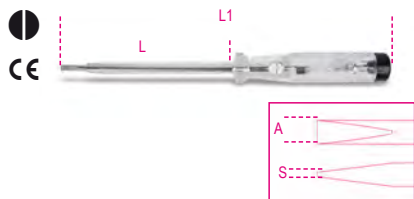
## 1252/S5



1252/S5		1	012520001
1250	0,5x3x125-0,6x4x125 0,7x5x150 mm		
1251	PH1x5x150-PH2x6x175 mm		

## 1253

mains testing screwdriver 150/250V



SxAxL mm	L1 mm	
0,5x3,5x100	190	5 012530001

## 1253A

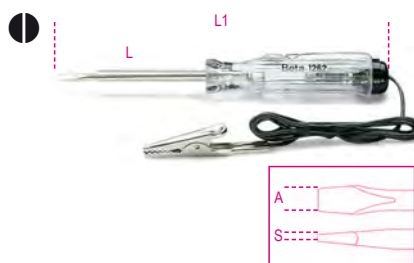
mains testing screwdriver 125/250V,  
double insulation



SxAxL mm	L1 mm	
0,5x3x15	150	5 012530010

## 1254

circuit testing screwdriver 6-24V



SxAxL mm	L1 mm	
0,5x3x44	123	5 012540001

## 1256/C36-2

microscrewdriver with 36 interchangeable  
4-mm bits and magnetic extension



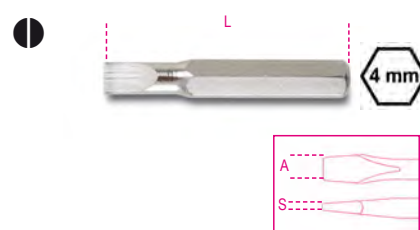
1256/C36-2	
	1 012560100

	1256TX	T3 - T4 - T5 - T6 - T7 T8 - T9 - T10 - T15
	1256RTX	T6 - T7 - T8 - T9 - T10
	1256LP	0,8 - 1,2 - 1,5 - 1,8 - 2 - 2,5 3 - 3,5 - 4 mm
	1256PE	0,7 - 0,9 - 1,3 - 1,5 - 2 mm
	1256PH	PH000 - PH00 - PH0 - PH1
	1256PZ	PZ000 - PZ00 - PZ0 - PZ1
	1256/20	
	1256/30	
130x60x35 mm - 200 g		



## 1256LP

4-mm bits  
for slotted head screws



SxA mm	L mm	
0,25x0,8	27	5 012560001
0,25x1,2	27	5 012560002
0,3x1,5	27	5 012560003
0,35x1,8	27	5 012560004
0,4x2,0	27	5 012560005
0,4x2,5	27	5 012560006
0,5x3,0	27	5 012560007
0,6x3,5	27	5 012560008
0,8x4,0	27	5 012560009

## 1256PH

4-mm bits  
for cross head Phillips® screws



PH	L mm	
000	27	5 012560011
00	27	5 012560012
0	27	5 012560013
1	27	5 012560014

## 1256PZ

4-mm bits  
for slotted head Pozidriv® - Supradriv® screws



PZ	L mm	
000	27	5 012560061
00	27	5 012560062
0	27	5 012560063
1	27	5 012560064

## 1256PE

4-mm bits  
for hexagon head screws



mm	L mm	
0,7	27	5 012560021
0,9	27	5 012560022
1,3	27	5 012560023
1,5	27	5 012560024
2,0	27	5 012560025

## 1256TX

4-mm bits  
for Torx® head screws



	L mm	
T3	27	5 012560041
T4	27	5 012560042
T5	27	5 012560043
T6	27	5 012560044
T7	27	5 012560045
T8	27	5 012560046
T9	27	5 012560047
T10	27	5 012560048
T15	27	5 012560049

## 1256RTX

4-mm bits  
for Tamper Resistant Torx® head screws



	L mm	
T6	27	5 012560051
T7	27	5 012560052
T8	27	5 012560053
T9	27	5 012560054
T10	27	5 012560055

## 1256/20

hexagon drive extension, 4 mm



1256/20	
	5 012560092

## 1256/30

4-mm bit holder with handle



L mm	
110	2 012560097

## 1257LP

micro-screwdrivers for slotted head screws



SxD mm	L mm	1	1
0,25x1,2	60	5	012570012
0,23x1,5	60	5	012570015
0,3x1,8	60	5	012570018
0,4x2	60	5	012570020
0,4x2,5	60	5	012570024
0,5x3	60	5	012570030
0,6x3,5	60	5	012570035
0,8x4	60	5	012570040



1257LP/S8	1	1
0,2x1,2-0,25x1,5	1	012570200
0,3x1,8-0,4x2-0,4x2,5		
0,5x3-0,6x3,5-0,8x4 mm		

## 1257PH

micro-screwdrivers for cross-head Phillips® screws



PH	L mm	1	1
00	60	5	012570060
0	60	5	012570063
1	60	5	012570066



## 1257LPH/S8



### 1257LPH/S8

1257PH PH00-PH0-PH1  
1257LP 0,4x2-0,4x2,5-0,5x3  
0,6x3,5-0,8x4 mm

1 012570210

## 1257ES

micro-screwdrivers hexagon male ends



mm	L mm	1	1
0,9	60	5	012570045
1,3	60	5	012570046
1,5	60	5	012570047
2	60	5	012570048
2,5	60	5	012570049
3	60	5	012570050

## 1257ESB/S8



### 1257ESB/S8

1257ES 0,9-1,3-1,5-2-2,5-3 mm  
1257BE 4-5 mm

1 012570230

## 1257TX

micro-screwdrivers for Torx® head screws



⊖	L mm	1	1
T5	60	5	012570075
T6	60	5	012570076
T7	60	5	012570077
T8	60	5	012570078
T9	60	5	012570079
T10	60	5	012570080
T15	60	5	012570081
T20	60	5	012570082



1257TX/S8  
T5-T6-T7-T8  
T9-T10-T15-T20

1 012570220

## 1257BE

micro-screwdrivers hexagon socket wrenches



⊖	L mm	1	1
3,2	60	5	012570085
4	60	5	012570086
5	60	5	012570087
5,5	60	5	012570088





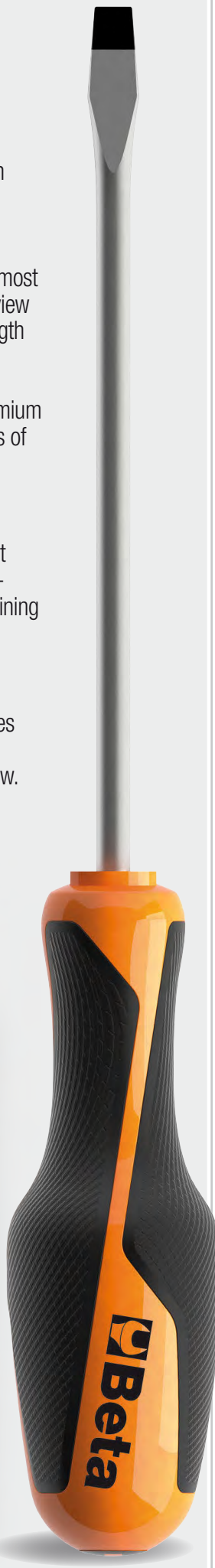
The BetaGrip screwdrivers are the fruit of Beta's long expertise in screwdriver design and close cooperation with the mechanics of motor racing teams.

New, one-of-a-kind technical solutions capable of satisfying the most demanding professionals' requirements have been used with a view to achieving the highest standards as regards ergonomics, strength and quality of the materials.

- The **blade** is made from special steel with a high silicon, chromium and vanadium content, to ensure improved performance in terms of torsional and flexural strength. A non-glare, matt chrome-plated finish has been chosen.

- The **geometry of the tip** has been designed to ensure perfect coupling between the blade and the screw head. The phosphate-coated finish prevents the tip from getting oxidized, while maintaining precise profiles.

- The **texture** has been inspired by the treads of Racing tyres, developed to maximize grip on different grounds. Hence it ensures effective screwdriver hold under any working conditions, for enhanced precision and control when fitting the tip onto the screw.



## 1260

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	150	2,5	5	012600003
0,4x2,5x75	175	2,5	5	012600006
0,5x3x75	175	3,0	5	012600009
0,5x3x100	200	3,0	5	012600012
0,6x3,5x75	175	3,5	5	012600018
0,6x3,5x100	200	3,5	5	012600021
0,8x4x100	208	4,0	5	012600030
0,8x4x125	233	4,0	5	012600033
0,8x4x150	258	4,0	5	012600036
1x5,5x100	208	5,0	5	012600039
1x5,5x125	233	5,0	5	012600040
1x5,5x150	258	5,0	5	012600042
1,2x6,5x100	219	6,0	5	012600048
1,2x6,5x125	244	6,0	5	012600050
1,2x6,5x150	269	6,0	5	012600051
1,2x8x150	277	8,0	3	012600057
1,2x8x200	327	8,0	3	012600060
1,6x10x200	327	9,5	3	012600066
2x12x250	377	10	3	012600069
2x14x250	377	10	2	012600073



1260/S6

0,4x2,5x75-0,5x3x75-0,8x4x125  
1x5,5x150-1,2x6,5x150-1,2x8x200 mm

1 012600306

## 1260N

screwdrivers for slotted head screws,  
extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	87	4	5	012600103
1,2x6,5x30	87	6	5	012600106



## 1260E

screwdrivers for slotted head screws with hexagon bolsters



ISO 2380

SxAxL mm	L1 mm	Ø mm		
1,2x6,5x150	269	6,0	3	012600156
1,2x8x175	301	8,0	3	012600157
1,6x10x200	327	9,5	2	012600159
2x12x250	377	9,5	2	012600162

## 1260MC

screwdriver for slotted head screws, coloured



SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	150	2,5	3	012602003
0,6x3,5x75	175	3,5	3	012602018
0,8x4x100	208	4,0	3	012602030
1x5,5x150	233	5,0	5	012602040
1,2x6,5x150	269	6,0	5	012602051

## 1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	160	5	012620003
0x3x100	200	5	012620006
1x4,5x80	188	5	012620009
1x4,5x120	228	5	012620012
2x6x100	219	5	012620018
2x6x150	269	5	012620021
3x8x150	277	3	012620024
4x10x200	327	3	012620027



1262/S4

PH0x3x60-PH1x4,5x80  
PH2x6x100-PH3x8x150 mm

1 012620304

## 1262N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	87	5	012620103
2x6x30	87	5	012620106

## 1262E

screwdrivers for cross head Phillips® screws with hexagon bolsters



UNI/ISO 8764

PHxDxL mm	L1 mm		
2x6x150	269	3	012620153
3x8x175	302	3	012620156
4x10x200	327	2	012620159

## 1262L

screwdrivers for cross head Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012620203
1x4,5x300	400	3	012620205
1x4,5x400	508	3	012620206
2x6x400	519	3	012620209

## 1262MC

screwdriver for cross head Phillips® screws, coloured



PHxDxL mm	L1 mm		
0x3x60	160	3	012622003
1x4,5x80	188	3	012622009
2x6x100	219	3	012622018

## 1263/D...

set of screwdrivers



1263/D6			
1260	0,5x3x75-0,8x4x100 1x5,5x125-1,2x6,5x150 mm	1	012630006
1262	PH1x4,5x80-PH2x6x100 mm		



1263/D7			
1262	PH0x3x60 PH1x4,5x80 PH2x6x100 mm	1	012630017
1264	0,5x2,5x60-0,6x3x100 0,8x4x125-1x5x125 mm		



1263/D7PZ			
1260	0,5x3x75-0,8x4x100 1x5,5x150-1,2x6,5x150 mm	1	012630007
1269PZ	PZ0 - PZ1 - PZ2		



1263/D8			
1260	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5x150 mm	1	012630008
1262	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		



1263/D10			
1260	0,5x3x75-0,6x3,5x100 0,8x4x125-1x5,5x150 1,2x6,5x150 mm	1	012630010
1260N	0,8x4x30		
1262	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1262N	PH1x4,5x30		

## 1263/S12

set of 12 screwdrivers



1263/S12 1 012630112

1260	0,4x2,5x50-0,5x3x75 0,6x3,5x100-0,8x4x125 1x5,5x125-1,2x6,5x150 1,2x8x200-1,6x10x200 mm
1262	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm

## 1263MC/D8

set of 8 coloured screwdrivers



1263MC/D8 1 012632008

1260MC	0,4x2,5x50-0,5x3x75 0,8x4x100-1x5,5x125 1,2x6,5x150 mm
1262MC	PH0x3x60-PH1x4,5x80 PH2x6x100 mm

## 1264

screwdrivers for headless slotted screws



SxAxL mm	L1 mm	
0,5x2,5x60	160	5 012640003
0,6x3x75	175	5 012640006
0,6x3x100	200	5 012640009
0,8x4x100	208	5 012640012
0,8x4x125	233	5 012640015
1x5x125	233	5 012640018
1x5x150	258	5 012640021
1,2x6,5x150	269	5 012640024



1264/S5 1 012640305  
0,5x2,5x60-0,6x3x75  
0,8x4x100-1x5x125-1,2x6,5x150 mm

## 1264L

screwdrivers for headless slotted screws, long series



SxAxL mm	L1 mm	
0,5x2,5x200	300	3 012640203
0,6x3x300	400	3 012640206
0,8x4x400	508	3 012640209
1x5x400	508	3 012640215
1,2x6,5x400	519	3 012640218

## 1265ES

hexagon drivers with handles



mm	L mm	L1 mm	
1,5	100	200	3 012650015
2	100	200	3 012650020
2,5	100	200	3 012650025
3	100	200	3 012650030
4	100	208	3 012650040
5	100	219	3 012650050
6	125	244	3 012650060
8	150	277	2 012650080



1265ES/S8 1 012650308  
1,5-2-2,5-3-4-5-6-8 mm

## 1266BP

ball head hexagon drivers with handles



mm	L mm	L1 mm	
2	100	200	3 012660020
2,5	100	200	3 012660025
3	125	225	3 012660030
4	125	233	3 012660040
5	120	239	3 012660050
6	140	259	3 012660060
8	160	287	2 012660080
10	160	287	2 012660100



1266BP/S8 1 012660308  
2-2,5-3-4-5-6-8-10 mm

## 1267TX

drivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm	
T5	50	150	3	5 012670005
T6	50	150	3	5 012670006
T7	50	150	3	5 012670007
T8	60	160	3	5 012670008
T9	60	167	4	5 012670009
T10	80	188	4	5 012670010
T15	80	188	4	5 012670015
T20	100	208	4,5	5 012670020
T25	100	208	5	5 012670025
T27	115	234	6	5 012670027
T30	115	234	6	5 012670030
T40	130	257	7	2 012670040
T45	130	257	8	2 012670045







**1267TX/D7**  
T6-T8-T10-T15  
T20-T25-T30

1 012670307



**1267TX/S13**  
T5-T6-T7-T8-T9  
T10-T15-T20-T25  
T27-T30-T40-T45

1 012670312

## 1267MC/TX

drivers for Torx® head screws, with handles, coloured



⊕	L mm	L1 mm	Ø mm	📦	📄
T6	50	150	3	5	012672006
T8	60	160	3	5	012672008
T10	80	188	4	5	012672010
T15	80	188	4	5	012672015
T20	100	208	4,5	5	012672020
T25	100	208	5	3	012672025
T30	115	234	6	3	012672030



**1267MC/TX-D7**  
T6-T8-T10-T15  
T20-T25-T30

1 012672307

## 1268RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



⊕	L mm	L1 mm	Ø mm	📦	📄
T9	60	167	4,0	3	012680009
T10	80	188	4,0	3	012680010
T15	80	188	4,0	3	012680015
T20	100	208	4,5	3	012680020
T25	100	208	5,0	3	012680025
T27	115	234	6,0	3	012680027
T30	115	234	6,0	3	012680030
T40	130	257	7,0	2	012680040



**1268RTX/S8**  
T9-T10-T15-T20  
T25-T27-T30-T40

1 012680307

## 1269PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm	📦	📄
0	60	160	5	012690000
1	80	188	5	012690001
2	100	219	5	012690002
3	150	277	3	012690003
4	200	327	3	012690004



**1269PZ/S4**  
PZ0-PZ1-PZ2-PZ3

1 012690304

## 1269N/PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws, extra-short series



UNI/ISO 8764

PZ	L mm	L1 mm	📦	📄
1	30	87	5	012690011
2	30	87	5	012690012

## 1281BG

interchangeable blade screwdriver handle



L mm	Ø mm	📦	📄
118	10	5	012810280

## 1281PM

quick-fit magnetic bit holder



L mm	📦	📄
165	5	012810292

## 1281PB

socket holder with 1/4" male drive



L mm	📦	📄
175	5	012810293

## 1281LP

reversible screwdrivers for slotted head screws



<b>1281LP/1</b> 0,8x4-1,2x6,5 mm	5	012810302
<b>1281LP/2</b> 1x5,5-1,2x6,5 mm	5	012810304

## 1281PH

reversible screwdrivers  
for cross head Phillips® screws



PH	
1-2	5 012810310
2-3	5 012810312

## 1281LPH

reversible screwdrivers  
for slotted and Phillips® head screws



1281LPH/1	5 012810321
PH0-0,8x4 mm	
1281LPH/2	5 012810322
PH1-1x5,5 mm	
1281LPH/3	5 012810323
PH2-1,2x6,5 mm	

## 1281PZ

reversible screwdrivers  
for cross head Pozidriv®-Supadriv® screws



PZ	
1-2	5 012810330
2-3	5 012810332

## 1281PE

reversible ball head hexagon  
screwdriver blades



mm	
2,5	5 012810342
3	5 012810343
4	5 012810344
5	5 012810345
6	5 012810346

## 1281TX

reversible screwdrivers for Torx® head screws



1281TX/1	5 012810349
T6-T8	
1281TX/2	5 012810350
T7-T9	
1281TX/3	5 012810351
T10-T15	
1281TX/4	5 012810352
T20-T25	
1281TX/5	5 012810353
T30-T40	

## 1281RTX

reversible screwdrivers  
for Tamper Resistant Torx® head screws



1281RTX/3	5 012810361
T10-T15	
1281RTX/4	5 012810362
T20-T25	
1281RTX/5	5 012810363
T30-T40	

## 1281BG/A9

assortment of 9 reversible screwdrivers  
and 1 accessory in case



1281BG/A9	1 012810520
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1281BG	
1281LPH/1	PH0-0,8x4 mm
1281LPH/2	PH1-1x5,5 mm
1281LPH/3	PH2-1,2x6,5 mm
1281PZ/1	PZ1-PZ2
1281PE	2,5 mm
1281PE	3 mm
1281PE	4 mm
1281PE	5 mm
1281PE	6 mm

## 1281BG-TX/A8

assortment of 8 reversible screwdrivers  
and 1 accessory in case



1281BG-TX/A8	1 012810530
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1281BG	
1281LPH/1	PH0-0,8x4 mm
1281LPH/2	PH1-1x5,5 mm
1281LPH/3	PH2-1,2x6,5 mm
1281TX/1	T6-T8
1281TX/2	T7-T9
1281TX/3	T10-T15
1281TX/4	T20-T25
1281TX/5	T30-T40

## 1281BG/B28NA

assortment of 16 reversible screwdrivers, 9  
1/4" sockets, 2 accessories and 1 handle, in  
durable polyester wallet



1281BG/B28NA	1 012810511
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900	4 - 4,5 - 5 - 5,5 6 - 7 - 8 - 9 - 10 mm
1281BG	
1281PB	1/4
900/25	
1281LP/1	0,8x4 - 1,2x6,5 mm
1281LP/2	1,0x5,5 - 1,2x6,5 mm
1281PH/1	PH1 - PH2
1281PH/2	PH2 - PH3
1281PZ/1	PZ1 - PZ2
1281PZ/2	PZ2 - PZ3
1281PE	2,5 - 3 - 4 - 5 - 6 mm
1281TX/1	T6 - T8
1281TX/2	T7 - T9
1281RTX/3	T10 - T15
1281RTX/4	T20 - T25
1281RTX/5	T30 - T40

2002/BV7-ZIP	1 020020060
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The **BetaMax screwdrivers** rely on several technical characteristics to make work operations even easier.

- The handle is inspired by the triangular section, which ensures optimal screwing, based on a 120° range, in line with maximum wrist rotation.
- The design provides remarkable ergonomic properties, during both quick screwing and tightening operations.
- The chrome-plating free tip ensures perfect coupling with the screw and is protected from oxidation with phosphate-coating treatment.



## 1290

screwdrivers for slotted head screws



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012900003
0,4x2,5x75	171	2,5	5	012900006
0,5x3x75	171	3,0	10	012900009
0,5x3x100	196	3,0	10	012900012
0,6x3,5x75	171	3,5	10	012900018
0,6x3,5x100	196	3,5	10	012900021
0,8x4x100	196	4,0	10	012900030
0,8x4x125	221	4,0	10	012900033
0,8x4x150	246	4,0	10	012900036
1x5,5x100	209	5,0	10	012900039
1x5,5x150	259	5,0	10	012900042
1,2x6,5x100	220	6,0	10	012900048
1,2x6,5x150	270	6,0	10	012900051
1,2x8x150	282	7,0	3	012900057
1,2x8x200	332	7,0	3	012900060
1,6x10x200	332	8,0	3	012900066
2x12x250	382	10	2	012900069

## 1290/S

screwdriver set



1290/S5 1 012900305

1290 0,5x3x75-0,8x4x100 -1x5,5x150  
1,2x6,5x150 -1,2x8x150 mm

1290/S9X 1 012900319

1290 0,4x2,5x75 - 0,5x3,5x100  
0,8x4x125 - 1x5,5x150  
1,2x6,5x150 - 1,2x8x200  
1,6x10x200 mm

1290N 0,8x4x30 -1,2x6,5x30 mm

## 1290N

screwdrivers for slotted head screws  
extra short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86	4	5	012900103
1,2x6,5x30	86	6	5	012900106

## 1292

screwdrivers for cross head  
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	10	012920003
0x3x100	196	5	012920006
1x4,5x80	189	10	012920009
1x4,5x120	229	10	012920012
2x6x100	220	10	012920018
2x6x150	270	10	012920021
3x8x150	282	3	012920024
4x10x200	332	3	012920027



1292/S4 1 012920304  
PH0x3x60-PH1x4,5x80  
PH2x6x100-PH3x8x150 mm

## 1292N

screwdrivers for cross head  
Phillips® screws  
extra short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86	5	012920103
2x6x30	86	5	012920106

## 1292L

screwdrivers for cross head  
Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	396	3	012920203
1x4,5x400	509	3	012920206
2x6x400	520	3	012920209

**1293/D...**  
screwdriver set



**1293/D6** 1 012930401

- 1290 0,6x3,5x75-1x5,5x150  
1,2x6,5x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

**1293/D8** 1 012930403

- 1290 0,5x3x75-0,8x4x100  
1x5,5x150-1,2x6,5x150  
1,2x8x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

**1293/S...**  
screwdriver set



**1293/S8** 1 012930208

- 1290 2,5x50-3x75-4x100-5,5x150  
6,5x150 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

**1293/S10** 1 012930201

- 1290 0,4x2,5x50 -0,6x3,5x100  
1x5,5x100-1,2x6,5x150  
1,2x8x150-1,6x10x200 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100-PH3x8x150 mm

**1293/S12** 1 012930203

- 1290 0,5x3x75-0,8x4x125  
1x5,5x150-1,2x6,5x150  
1,2x8x200 mm
- 1290N 0,8x4x30 mm
- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100-PH3x8x150 mm
- 1292N PH1x4,5x30-PH2x6x30 mm

**1293/S7** 1 012930207

- 1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm
- 1294 0,5x2,5x60-0,6x3x75  
0,8x4x100-1x5x125 mm

**1293ES**  
hexagon drivers with handles

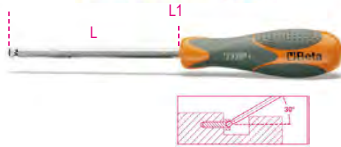


mm	L mm	L1 mm	Ø mm	1	2
2	100	196	3	5	012930001
2,5	100	196	4	5	012930002
3	100	196	4	5	012930003
4	100	196	5	5	012930004
5	100	209	6	5	012930005
6	125	245	7	5	012930006
8	150	282	10	2	012930008



**1293ES/S7** 1 012930057  
2-2,5-3-4-5-6-8 mm

**1293BP**  
ball head hexagon drivers with handles

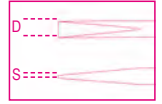


mm	L mm	L1 mm	1	2
2	100	196	5	012930501
2,5	100	196	5	012930502
3	100	196	5	012930503
4	100	196	5	012930506
5	100	209	5	012930509
6	125	245	5	012930512
8	150	282	2	012930515



**1293BP/S7** 1 012930558  
2-2,5-3-4-5-6-8 mm

**1294**  
screwdrivers for headless slotted screws

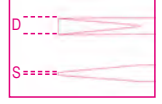


SxDxL mm	L1 mm	1	2
0,5x2,5x60	156	5	012940003
0,6x3x75	171	5	012940006
0,6x3x100	196	5	012940009
0,8x4x100	196	5	012940012
0,8x4x150	246	5	012940015
1x5x125	234	5	012940018
1,2x6,5x150	282	5	012940027



**1294/S5** 1 012940305  
0,5x2,5x60-0,6x3x100  
0,8x4x100-1x5x125  
1,2x6,5x150 mm

**1294L**  
screwdrivers for headless slotted screws long series



SxDxL mm	L1 mm	1	2
0,6x3x300	396	3	012940206
0,8x4x400	496	3	012940209
1x5x400	509	3	012940215
1,2x6,5x400	532	3	012940218

**1295**  
impact screwdriver



**L**  
mm  
130 1 012950001



## 1295/C14

impact screwdriver  
with 14 insets and 1 socket holder



1295/C14

1 012950108

	866LP	1,2x6,5 - 1,6x10 mm
	866PH	PH2 - PH3
	866PZ	PZ2 - PZ3
	866PE	5 - 6 mm
	866TX	T27 - T30 - T40 - T45 - T50 - T55
	895/6	□ 1/2 - ○ 5/16
	1295	■ 1/2

170x100x35 mm - 1,3 kg

## 1297TX

drivers for Torx® head screws,  
with handles



⊕	L mm	L1 mm	∅ mm	1	2
T6	50	146	3,0	5	012970006
T7	50	146	3,0	5	012970007
T8	60	156	3,0	5	012970008
T9	60	169	4,0	5	012970009
T10	80	189	4,0	5	012970010
T15	80	189	4,0	5	012970015
T20	100	209	4,5	5	012970020
T25	100	209	5,0	5	012970025
T27	115	235	6,0	5	012970027
T30	115	235	6,0	5	012970030
T40	130	262	7,0	2	012970040
T45	130	262	8,0	2	012970045



1297TX/S12

T6-T7-T8-T9-T10  
T15-T20-T25-T27  
T30-T40-T45

1 012970312



Betamax



1297TX/D6  
T10-T15-T20  
T25-T27-T30

1 012970409

## 1297TX/L

drivers for Torx® head screws, long series



⊕	L mm	L1 mm	∅ mm	1	2
T15	210	319	4,0	2	012970115
T20	210	319	4,5	2	012970120
T25	210	319	5,0	2	012970125
T30	210	330	6,0	2	012970130
T45	210	342	8,0	2	012970145



Betamax



1297TX/L-S5  
TX/L15-TX/L20-TX/L25-  
TX/L30-TX/L45

1 012970325

## 1298RTX

screwdrivers for Tamper Resistant Torx®  
head screws, with handles



⊕	L mm	L1 mm	∅ mm	1	2
T9	60	169	4,0	5	012980009
T10	80	189	4,0	5	012980010
T15	80	189	4,0	5	012980015
T20	100	209	4,0	5	012980020
T25	100	209	4,5	5	012980025
T27	115	235	5,5	5	012980027
T30	115	235	6,0	5	012980030
T40	130	262	7,0	2	012980040



Betamax



1298RTX/S8  
T9-T10-T15-T20  
T25-T27-T30-T40

1 012980308

## 1299PZ

screwdrivers for cross head  
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm	1	2
0	60	156	5	012990000
1	80	189	5	012990003
2	100	220	5	012990006
3	150	282	2	012990009
4	200	332	2	012990012



Betamax



1299PZ/S6  
1299PZ PZ0-PZ1-PZ2-PZ3  
1299N/PZ PZ1-PZ2

1 012990306

## 1299N/PZ

screwdrivers for cross head  
Pozidriv®-Supadriv® screws  
extra short series



UNI/ISO 8764

PZ	L mm	L1 mm	1	2
1	30	86	5	012990021
2	30	86	5	012990024





# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1464T/N to 1465 items 1498SM to 1499 items 1758VT to 1760/IR 1600
<b>Engine</b>	items 955 to 960SN items 1440 to 1462/KEP items 1472 to 1485TC items 1737 to 1759TT
<b>Oil and filters</b>	items 1488/1 to 1496/C items 1877 to 1889N
<b>Electric system</b>	items 1489/33 to 1489Y items 1497D to 1497RC
<b>Starters</b>	items 1498BC/12 to 1498DG1100E
<b>Transmission</b>	items 1884 to 1885/X C60 items 1438 to 1438DSG items 1566N to 1569/F
<b>Suspension</b>	items 1550U to 1567
<b>Brakes</b>	items 1466/C5 to 1471T/C5
<b>Wheels</b>	items 720MRC to 729T items 962 to 989B items 1530/C5 to 1531/C7
<b>Body work</b>	items 1065F5 to 1068 items 1302 to 1369/C11 items 1478 to 1479U/32 items 1505V to 1539 items 1763 to 1768
<b>Other equipment</b>	items 1875LT to 3067
<b>Jacks</b>	items 3006 to 3069

### 1302

double end dolly, round, convex pein head



g 770 1 013020001

### 1303

curved dolly



g 1350 1 013030001

### 1304

sole dolly



g 875 1 013040001

### 1305

toe dolly



g 1190 1 013050001

### 1305Z

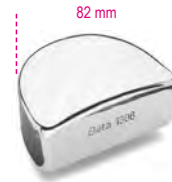
milled toe dolly



g 1065 1 013050002

### 1306

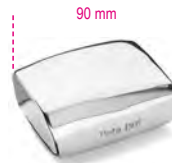
heel dolly



g 1040 1 013060001

### 1307

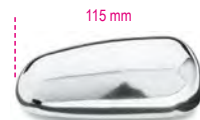
regular dolly



g 1100 1 013070001

### 1308

egg dolly



g 1100 1 013080001

### 1310

general purpose dolly



g 1225 1 013100001

### 1312

anvil dolly



g 1220 1 013120001

**1314**  
double end dolly, convex, flat head



56 mm  
g 760 1 013140001

**1326**  
curved angle spoon



260 mm  
g 560 1 013260001

**1327**  
heavy-duty spoon



385 mm  
g 1075 1 013270001

**1328**  
pry and bumping spoon



280 mm  
g 935 1 013280001

**1329**  
double-ended spoon



435 mm  
g 1800 1 013290001

**1330**  
long double-ended spoon



510 mm  
g 2125 1 013300001

**1331**  
bending iron with leather face



410 mm  
g 1100 1 013310001

**1335BM**  
bumping blade with plastic handle



375 mm  
g 500 2 013350010

**1337/S5**  
set of 5 stopping knives for car repairers, made of stainless steel

Japanese type  
(25-50-75-100-125 mm)



L mm 25-50-75-100-125 1 013370015

**1338A - 1338B**  
adjustable body blade holder with flexible flat blades



	mm	L mm	
1338A	9	360	2 013380001
1338B	12	360	2 013380002

**1338**  
body blade holder for item 1338R



1338 2 013380003

**1338R9 - 1338R12**  
spare body blades for item 1338A-B



	mm	
1338R9	9	2 013380004
1338R12	12	2 013380005

**1342**  
extra flat chisel with straight cutter



L mm 235 5 013420001

**1342PM**  
extra flat chisel with straight cutter with hand guard



L mm 235 L1 mm 118 2 013420002

**1342PMR**  
spare hand guard for item 1342



1342PMR 1 013420003

**1343**  
flat chisel with side cutter



L mm 200 5 013430001

## 1344A/VW

fixing hook removal tool  
for Volkswagen handles



L  
mm  
260

1 013440100

## 1345

hammer with round,  
convex face and pein, wooden shaft



1345

2 013450010

## 1351

hammer with round,  
flat face and ball pein, wooden shaft



1351

2 013510010

## 1353

hammer with round,  
flat face and point pein, wooden shaft



1353

2 013530010

## 1357Z/45

hammers with flat, round,  
milled face and square,  
smooth face, wooden shafts



1357Z/45

2 013570045

## 1359T

hammer with round,  
flat face and horizontal pein,  
wooden shaft



1359 T

2 013590010

## 1360/K6

aluminium hammer with flat, round face,  
interchangeable plastic pins and punch

supplied with:  
• 4 plastic pins  
• 1 punch, adjustable in 2 different lengths,  
applicable to hammer



L      Ø  
mm    mm  
320    34

1 013600006

## 1360/KP3

hammers with ball heads and point peins/  
punches, made of plastic

Kit contents:  
• 1 210 g hammer with head Ø 30 mm  
• 1 290 g hammer with head Ø 40 mm  
• 1 75 g punch with 5 mm pein



1360/KP3

1 013600503

## 1361/C12

set of Teflon® rods  
for body repair shops



1361/C12

275x160x57 mm

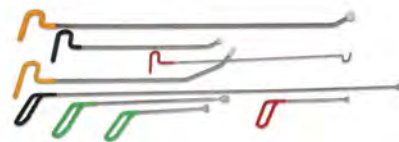
1 013610012

## 1361/K9

kit of 8 levers for bodywork dent pullers

kit contents:

- round ball head rod, Ø 31 mm, length 110 cm
- tip rod, length 62 cm
- whale tail tip rod, length 112 cm
- hook tip rod, length 27 cm
- flat round head rod, length 50 cm
- round ball head rod, Ø 19 mm, length 52 cm
- whale tail head rod, length 27 cm
- round whale tail head rod, length 28 cm
- fabric bag with handles



1361/K9

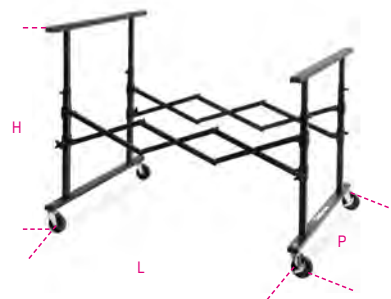
1 013610030

## 1364SE

extension bodywork support

Specifications:

- 4 swivel castors, 2 with brakes
- pantograph can be extended up to 1400 mm
- vertically adjustable up to 1315 mm
- position locking
- contact surface covered with removable rubber



L      H      P  
mm    mm    mm  
215÷1400    780÷1315    890

1 013640001

## 1364SV

bodywork support  
with central tray

Specifications:

- contact surface covered in polyethylene
- tray dimensions: 340x845x40 mm
- foldable



H  
mm  
1000

1 013640002



## 1364SCP

revolving bodywork support

particularly suitable for bonnets, wings and doors fitted with 4 castors - 2 steering with brakes can be rotated up to 180°



H mm	L mm	P mm	1
1300	1100	680	013640003

## 1364SP

bodywork support with suction cups

particularly suitable for use with windows fitted with 4 suction cups, Ø 95 mm extension can be adjusted by means of a chain polyethylene coated tube



H mm	L mm	1
1250	950	013640004

## 1364SR

wheeled dispenser for masking paper rolls

Specifications:

- with 2 handling wheels
- 3 paper roll bars with built-in paper cutting blade
- built-in paper tape support
- max. paper roll dimensions: 350 - 650 - 1050 mm



L mm	P mm	H mm	H1 mm	1
1530	520	1080	960	013640005

## 1365/K13

oil pressure pump, 10 t, and bodywork accessories kit in trolley

Kit contents:

- oil pressure pump, 10 t, with 1.5-m-long hose, 1/2" coupling
- piston
- wing opening pliers; capacity: 500 kg
- baseplate, 150x90 mm
- L-shaped base, 50x50 mm
- 4-point punch
- round, knurled punch, Ø 50 mm
- wedge-shaped punch, 43 mm
- 170-mm-long extension
- 300-mm-long extension
- 400-mm-long extension
- 530-mm-long extension
- rubber head
- male-to-male coupling for installing accessories



1365/K13	1
900x420x180 mm	013650013

## 1365P10

oil pressure pump

1.5-m-long hose, 1/2" coupling



1365P10	1
	013650110

## 1366A

dent puller with kit of 19 plastic glue tabs

ideal for removing:

- hail dents
- dents caused by doors
- small dents in general



1366A	1
	013660200

## 1366B

hammer face for plastic dent pulling glue tabs

hammer face weight: 500 g



L mm	1
440	013660250

## 1366KF

kit of 19 plastic glue tabs for item 1366A



1366/KF	1
	013660205

## 1366/K5

pneumatic dent puller, with 1.1 kg hammer face

Kit contents:

- 1 suction cup Ø 75 mm
- 1 suction cup Ø 100 mm
- 1 suction cup Ø 125 mm
- 1 hook

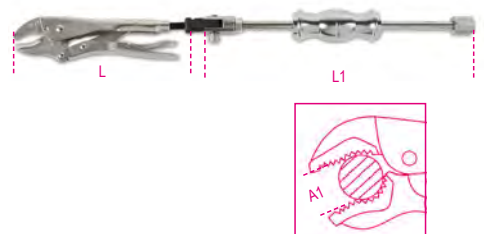


1366/K5	1
610x240x90 mm	013660010

## 1068

adjustable self-locking pliers with hammer face

hammer face weight: 1 kg



L mm	L1 mm	A1 Max mm	1
260	365	19	010680000

## 1366SH

multifunction  
bodywork spotter

- microprocessor for managing welding parameters
- contact and manual welding cycle start
- automatic spot welding time setting function
- supplied with quick coupling gun and 2.2-m-long ground cable

Accessory kit contents:

- extractor hammer
- three-pointed washer head
- 10 three-pointed washers
- carbon electrode
- squashing electrode



- Technical data:
- Power supply: 230V
  - 50% power: 2.5 KVA
  - Power peak: 13 KVA
  - Amp output: 2850 (2%) A
  - Max. Amp output : 3200 A

1366SH 1 013660400

## 1366SH/C

trolley for spotter 1366SH



1366SH/C 1 013660410

## 1366SL

pulling lever  
for repairing dents on metal surfaces

articulated multihook head  
for use with crimped wire



L  
mm  
700 1 013660002

## 1366S/R1

3-pointed washer mandrel



1366S/R1 1 013660501

## 1366S/R2

3-pointed washer  
for pulling sheets



1366S/R2 1 013660502  
Stated prices are for 20 pieces

## 1366S/R3

electrode for washers  
Ø 8x16x1.5 mm



1366S/R3 1 013660503

## 1366S/R4

washer hook, Ø 8x16x1.5 mm



1366S/R4 1 013660504

## 1366S/R5

washers Ø 8x16x1.5mm



1366S/R5 1 013660505  
Stated prices are for 100 pieces

## 1366S/R6

electrode for M5-M6 screws



1366S/R6 1 013660506

## 1366S/R7

100 self-threading pins, 5x18 mm



1366S/R7 1 013660507

## 1366S/R8

100 self-threading pins, 5x25 mm



1366S/R8 1 013660508

## 1366S/R9

100 threaded pins, M5 x 18 mm



1366S/R9 1 013660509

## 1366S/R10

10 slotted washers



1366S/R10 1 013660510

## 1366S/R11

electrode for slotted washers



1366S/R11 1 013660511

## 1366S/R12

10 90° slotted washers



1366S/R12 1 013660512

**1366S/R13**  
sheet flattening electrode



1366S/R13 1 013660513  
Stated prices are for 5 pieces

**1366S/R14**  
wire spot welding electrode



1366S/R14 1 013660514

**1366S/R21**  
crimped wires for use of pulling lever and crossbar



1366S/R21 1 013660551

**1366S/R22**  
magnetic support for crimped wire



1366S/R22 1 013660552

**1366S/R24**  
pull ring M4



1366S/R24 1 013660554

**1366S/R25**  
pull ring M5



1366S/R25 1 013660555

**1366S/R26**  
pull ring M6



1366S/R26 1 013660556

**1367/K4**  
kit of 4 wheel arch clamps, arc-type



Maximum jaw opening: 6.5 mm

	L mm	H mm	S mm
1367/K4	62	40±58	15,7

**1367/K10**  
kit of punches for installing parking sensors

Kit contents:  
• sizes: 17 - 18 - 18.2 - 19 - 20 - 22.5 - 24 - 26 - 26.7 - 32 mm



∅ 12 mm



1367/K10 1 013670200  
190x130x58 mm

**1368**  
plastic repair kit

• Allows cracked and broken plastic parts to be quickly fixed

Power supply: 220÷240 V with Schuko socket  
Heat gun cable length: 3.5 m  
Power supply cable length: 1.35 m  
2 power adjustments: 35-75 W  
Heat gun with brass terminals, 2 staple insertion angles: 0°-90°  
Input protection: thermal circuit breaker  
Output protection: 10 A fuse  
Metal gun pocket

CE



1368 1 013680001

**1368G/K400**  
assortment of 400 clips for item 1368



1368G/K400 1 013680140

**1368G/OD**  
corrugated clips, straight, for item 1368



1368G/OD 1 013680100

**1368G/SD**  
spiral clips, straight, for item 1368



1368G/SD 1 013680110

**1368G/CV**  
convex angle clips for item 1368



1368G/CV 1 013680120

**1368G/C2U**  
concave angle clips for item 1368



1368G/C2U 1 013680130





# HAMMER HANDLES

Handles made from **hickory** wood  
Hickory is a type of wood with excellent properties, which suit hammer handles perfectly. Its long fibre structure absorbs vibration and makes it extremely resistant to breakage. In the unlikely event that some fibres should break, the risk that the head will suddenly come off is very small anyway.

Wood handles can be replaced when worn.

As wood is a natural material, it should retain its own moisture. Therefore, the hammer should not be stored in an excessively dry place.

Handles made from **fibreglass**

Handles with fibreglass core are both durable and safe; the risk of breakage and injuries is reduced to a minimum. They are weathertight and resistant to the most common chemicals.



- **Indestructible fibreglass core**

- **Ergonomic polypropylene frame**

- **Nonslip, comfortable elastomer coating**

## 1369/C11

assortment of 11 tools



1369/C11

1 013690033



470x340x70 mm - 15,2 kg

## 1370

engineer's hammers, wooden shaft



HICKORY

UNI 7778 DIN 1041

g	A mm	L mm	L1 mm	
100	15	260	82	5 013700051
200	19	280	95	5 013700052
300	23	300	105	5 013700053
400	25	310	112	5 013700054
500	27	320	118	5 013700055
600	30	330	122	5 013700056
800	33	350	130	4 013700058
1000	36	360	135	4 013700060
1500	42	380	145	2 013700065
2000	47	400	155	1 013700070

## 1370/MR...

spare shafts for item 1370



1370MR 100 1370/100	4 013700081
1370MR 200 1370/200	4 013700082
1370MR 300 1370/300	4 013700083
1370MR 400 1370/400	4 013700084
1370MR 500 1370/500	4 013700085
1370MR 600 1370/600	4 013700086
1370MR 800 1370/800	4 013700088
1370MR 1000 1370/1000	4 013700090
1370MR 1500 1370/1500	4 013700095
1370MR 2000 1370/2000	4 013700100

## 1370T

mechanic's hammers  
fibre shaft



g	A mm	L mm	L1 mm	
200	19	280	95	5 013700620
300	23	300	105	5 013700630
500	27	320	118	5 013700650
800	33	350	130	4 013700680
1000	36	360	135	4 013700700
1500	42	365	145	2 013700750

## 1370F

riveting hammers, wooden shaft



NF E 71.014

A mm	L mm	L1 mm	
24	260	77	280 2 013700424
26	260	80	310 2 013700426
28	280	86	400 2 013700428
30	280	92	450 2 013700430
32	300	100	550 2 013700432
36	300	104	720 2 013700436
40	330	110	1065 2 013700440
42	330	116	1080 2 013700442
50	380	138	1760 2 013700450
60	380	160	2585 2 013700460

## 1370F/MR...

spare shafts for item 1370F



1370F/MR 24	2	013700474
1370F/24-26		
1370F/MR 28	2	013700478
1370F/28-30		
1370F/MR 32	2	013700482
1370F/32-36		
1370F/MR 40	2	013700490
1370F/40-42		
1370F/MR 50	2	013700495
1370F/50		
1370F/MR 60	2	013700496
1370F/60		

## 1370FT

riveting hammers, fibre shafts



A	L	L1		
mm	mm	mm		
28	280	86	530	1 013700528
30	280	92	625	1 013700530
32	300	100	750	1 013700532
36	300	104	930	1 013700536
40	330	110	1150	1 013700540
42	330	116	1250	1 013700542
50	380	138	2100	1 013700550
60	380	160	2750	1 013700560

## 1374F

carpenter's hammers, wooden shaft



A	L	L1		
mm	mm	mm		
16	250	80	180	2 013740416
20	270	86	250	2 013740420
22	290	92	335	2 013740422
26	290	103	425	2 013740426
28	310	108	510	2 013740428
30	310	117	580	2 013740430

## 1374F/MR...

spare shafts for item 1374F



1374F/MR 16	2	013740456
1374F/16		
1374F/MR 20	2	013740460
1374F/20		
1374F/MR 22	2	013740462
1374F/22-26		
1374F/MR 28	2	013740468
1374F/28		
1374F/MR 30	2	013740470
1374F/30		

## 1375

claw hammer, wooden shaft



g	L1	Ø	L		
mm	mm	mm	mm		
300	95	25	300	3	013750000

## 1375/MR

spare shafts for item 1375



1375/MR	2	013750003
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## 1375A

claw hammers, plastic and fibreglass handles



oz	g	L	L1		
mm	mm	mm	mm		
16	450	330	130	3	013750016
20	570	330	130	3	013750020

## 1375B

claw hammers, steel shafts



oz	g	L	L1		
mm	mm	mm	mm		
16	450	330	130	3	013750026
20	570	330	130	3	013750030

## 1376X

claw hammers with square peins, magnets and nail holders wooden shaft



g	A	L1	L		
mm	mm	mm	mm		
250	20	125	450	3	013760125
300	25	130	450	3	013760130
400	27	132	450	3	013760140

## 1376X/MR

spare shaft for item 1376X



1376X/MR	2	013760161
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## 1376XT

claw hammers with square peins, magnets and nail holders plastic shaft



g	A	L1	L		
mm	mm	mm	mm		
250	20	125	500	3	013760525
300	25	130	500	3	013760530
400	27	132	500	3	013760540

## 1376XT/MR

spare shaft for item 1376XT



1376MR/XT	2	013760585
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## 1377

ball pein hammers, round heads, for coppersmiths and tinsmiths, wooden shafts



g	L	L1		
mm	mm	mm		
340	330	95	2	013770134
450	350	102	2	013770145
570	350	110	2	013770157
680	360	116	2	013770168
900	380	120	2	013770190

## 1377/MR...

spare shafts for item 1377



1377MR 340	2	013770234
1377/340		
1377MR 450	2	013770245
1377/450		
1377MR 570	2	013770257
1377/570		
1377MR 680	2	013770268
1377/680		
1377MR 900	2	013770290
1377/900		

## 1377T

ball pein hammers,  
round heads,  
for coppersmiths and tinsmiths,  
fibre shafts



g	L mm	L1 mm	
340	330	95	2 013770534
450	350	102	2 013770545
570	350	110	2 013770557
680	360	116	2 013770568
900	380	120	2 013770590

## 1378

joiner's hammers, round heads  
and peins, wooden shaft



g	L mm	L1 mm	Ø mm	
340	330	100	27	2 013780134
570	350	115	32	2 013780157

## 1378/MR...

spare shafts for item 1378



1378MR 340	2 013780234
1378/340	
1378MR 570	2 013780257
1378/570	

## 1379F

electrician's hammers, wooden shafts



NF E 71.011

A mm	L mm	L1 mm	
16	250	126	2 013790416
18	250	135	2 013790418
20	260	142	2 013790420

## 1379F/MR...

spare shafts for item 1379F



1379F/MR 16	2 013790426
1379F/16-18	
1379F/MR 20	2 013790430
1379F/20	

## 1380

lump hammers, wooden shafts



UNI 7777 DIN 6475

g	A mm	L mm	L1 mm	
800	38	260	90	2 013800208
1000	40	260	95	2 013800210
1250	43	260	100	2 013800212
1500	45	280	110	2 013800215
2000	50	300	120	2 013800220

## 1380/MR...

spare shafts for item 1380



1380MR 800	2 013800238
1380/800-1000-1250	
1380MR 1500	2 013800245
1380/1500	
1380MR 2000	2 013800250
1380/2000	

## 1380S

mason club hammers with security collars  
wooden shafts



g	A mm	L mm	L1 mm	
800	36	260	90	2 013800400
1000	39	260	95	2 013800405
1250	43	260	100	2 013800410
1500	45	260	110	2 013800415

## 1380S/MR...

spare shafts for item 1380S



1380S/MR 800	2 013800417
1380S/800-1000-1250	
1380S/MR 1500	2 013800419
1380S/1500	

## 1380T

Mason club hammers,  
fibre shafts



g	A mm	L mm	L1 mm	
800	35	260	85	2 013800308
1000	40	260	100	2 013800310
1250	42	260	110	2 013800312
1500	45	260	120	2 013800315
2000	49	295	120	1 013800320

## 1381

sledge hammers, Hickory shafts



g	A mm	L mm	L1 mm	
3000	55	800	142	1 013810030
4000	60	900	152	1 013810040
5000	70	900	162	1 013810050
8000	80	900	185	1 013810080

\* = ash shaft

## 1381/MR...

spare shafts for item 1381



1381MR 3-4	2 013810730
1381/3000-4000	
1381MR 5	2 013810750
1381/5000	
1381MR 8	2 013810780
1381/8000	

## 1381T

sledge hammers,  
fibre shafts



g	A mm	L mm	L1 mm	
3000	55	900	142	1 013810330
4000	60	900	152	1 013810340
5000	70	900	162	1 013810350
8000	82	920	180	1 013810380

## 1385

copper head hammers, wooden shafts



g	A mm	L mm	L1 mm		
400	26	260	75	2	013850404
600	32	270	80	2	013850406
800	34	280	90	2	013850408
1000	37	280	100	2	013850410
1500	43	280	110	2	013850415
2000	48	300	120	1	013850420

## 1385/MR

spare shafts for item 1385



1385MR 400	2	013850464
1385 400		
1385MR 600	2	013850466
1385 600		
1385MR 800	2	013850468
1385 800		
1385MR 1000	2	013850470
1385 1000		
1385MR 1500	1	013850475
1385 1500		
1385MR 2000	1	013850480
1385 2000		

## 1390

soft face hammers, wooden shafts



UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	5	013900022
28	280	85	5	013900028
35	310	95	5	013900035
45	320	107	4	013900045
60	380	128	2	013900060

## 1390/MR...

spare shafts for item 1390



1390MR 22	2	013900222
1390/22		
1390MR 28	2	013900228
1390/28		
1390MR 35	2	013900235
1390/35		
1390MR 45	2	013900245
1390/45		
1390MR 60	2	013900260
1390/60		

## 1390R

spare faces for item 1390



Ø mm		
22	4	013900122
28	4	013900128
35	4	013900135
45	4	013900145
60	4	013900160

## 1390N

nylon face hammers, wooden shafts

Medium-hard faces: 75 Shore  
Oil and wear resistant  
Particularly suitable for working metal



UNI 7784

Ø mm	L mm	L1 mm		
22	260	70	3	013900522
28	280	85	3	013900528
35	310	95	3	013900535
45	320	107	2	013900545
60	380	128	2	013900560

## 1390NR

spare nylon faces for item 1390N



Ø mm		
22	4	013900622
28	4	013900628
35	4	013900635
45	4	013900645
60	4	013900660

## 1391

dead-blow hammers, entirely covered with rubber



Ø mm	L mm	L1 mm		
35	280	90	2	013910135
50	320	105	2	013910150
55	355	110	2	013910155
65	380	130	2	013910165

## 1391A

dead-blow hammers for tile workers, entirely covered with rubber



g	Ø mm	L mm	L1 mm		
500	45	290	100	2	013910205
1000	60	300	120	2	013910210

## 1392

dead-blow hammers, with interchangeable plastic faces, steel shafts



Ø mm	L mm	L1 mm		
30	300	105	2	013920030
35	305	115	2	013920035
40	310	125	2	013920040
50	325	135	2	013920050
60	385	155	2	013920060

## 1392R

spare faces for item 1392



Ø mm		
30	4	013920030
35	4	013920035
40	4	013920040
50	4	013920050
60	4	013920060

## 1393

hard rubber head hammers



Ø mm	L mm	L1 mm		
50	315	90	3	013930050
60	340	110	3	013930060
70	370	130	2	013930070

# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

### Diagnostics

items 1464T/N to 1465  
items 1498SM to 1499  
items 1758VT to 1760/IR 1600

### Engine

items 955 to 960SN  
items 1440 to 1462/KEP  
items 1472 to 1485TC  
items 1737 to 1759TT

### Oil and filters

items 1488/1 to 1496/C  
items 1877 to 1889N

### Electric system

items 1489/33 to 1489Y  
items 1497D to 1497RC

### Starters

items 1498BC/12 to 1498DG1100E

### Transmission

items 1884 to 1885/X C60  
items 1438 to 1438DSG  
items 1566N to 1569/F

### Suspension

items 1550U to 1567

### Brakes

items 1466/C5 to 1471T/C5

### Wheels

items 720MRC to 729T  
items 962 to 989B  
items 1530/C5 to 1531/C7

### Body work

items 1065F5 to 1068  
items 1302 to 1369/C11  
items 1478 to 1479U/32  
items 1505V to 1539  
items 1763 to 1768

### Other equipment

items 1875LT to 3067

### Jacks

items 3006 to 3069

## 1410/M spring pulling hook wrench



Ø mm	2	1
3,5	2	014100051

## 1428 pullers for damaged nuts with square drive



Ø mm	□	L mm	○	2	1
8	3/8	36	17	2	014280008
10	3/8	36	17	2	014280010
11	3/8	36	17	2	014280011
12	3/8	36	19	2	014280012
13	3/8	36	19	2	014280013
14	3/8	36	19	2	014280014
15	1/2	38	21	2	014280015
16	1/2	38	21	2	014280016
17	1/2	38	21	2	014280017
18	1/2	38	26	2	014280018
19	1/2	38	26	2	014280019
20	1/2	38	26	2	014280020
21	1/2	38	26	2	014280021
22	1/2	38	26	2	014280022
24	1/2	38	26	2	014280024
27	1/2	38	26	2	014280027



<b>1428/SB11</b>	1	014280111
8-10-11-12-13-14 15-16-17-18-19 mm		
<b>1428/SB5</b>	1	014280115
20-21-22-24-27 mm		

## 1428L/B3



<b>1428L/B3</b>	1	014280303
17-19-21 mm		

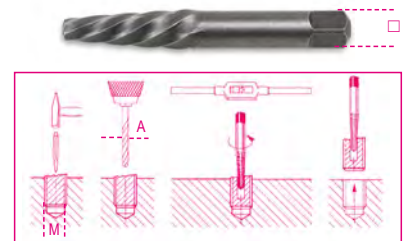
## 1429 pullers for damaged screws and stud bolts with square drive



mm	□	L mm	3	2
2	3/8	60	3	014290002
3	3/8	60	3	014290003
4	3/8	60	3	014290004
5	3/8	60	2	014290005
6	3/8	60	2	014290006
8	1/2	70	2	014290008
10	1/2	70	2	014290010

<b>1429/SB7</b>	1	014290107
2-3-4-5-6-8-10 mm		

## 1430/... tapered extractors for broken screws and studs made from hardened and tempered steel



	M	A mm	□	10	5
<b>1430/1</b>	3÷6	2,5	3,0	10	014300006
<b>1430/2</b>	6÷8	3,0	4,0	10	014300008
<b>1430/3</b>	8÷11	4,5	5,0	10	014300011
<b>1430/4</b>	11÷14	6,0	6,3	10	014300014
<b>1430/5</b>	14÷18	8,0	8,8	10	014300018
<b>1430/6</b>	18÷24	11,0	11,7	5	014300024
<b>1430/7</b>	24÷33	14,0	14,8	5	014300033
<b>1430/8</b>	33÷50	21,0	20,0	5	014300050



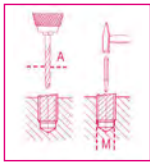
<b>1430/S5</b>	1	014300105
1430/1-1430/2-1430/3 1430/4-1430/5		
<b>1430/S6</b>	1	014300106
1430/1-1430/2-1430/3 1430/4-1430/5-1430/6		
<b>1430/S8</b>	1	014300108
1430/1-1430/2-1430/3 1430/4-1430/5-1430/6 1430/7-1430/8		



## 1431/...

tapered extractors for broken screws and studs

For removing screws and studs that cannot be held firmly, percussion mechanism

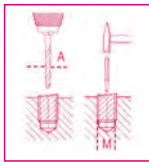


	M	A	L	□		
	mm	mm	mm	mm		
1431/3	3÷6	2,5	59	5	10	014310051
1431/5	6÷8	5,0	68	5	10	014310052
1431/6	8÷11	6,0	72	6	10	014310053
1431/8	11÷14	8,0	77	8	10	014310054
1431/9	14÷18	9,0	82	9	10	014310055

## 1431/C5

tapered extractors for broken screws and studs

Percussion mechanism



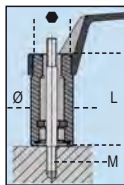
	M	A	
	mm	mm	
1431/C5	3÷18	2,5÷9	1 014310005

## 1433

roller stud extractors

3/8"

1/2"



M	∅	L	●	□		
mm	mm	mm	mm			
5	21	60	19	3/8	2	014330005
6	24	60	21	1/2	2	014330006
7	24	60	21	1/2	2	014330007
8	24	60	21	1/2	2	014330008
9	28	70	21	1/2	2	014330009
10	28	70	21	1/2	2	014330010
10,5	28	70	21	1/2	2	014330021
11	28	70	21	1/2	2	014330011
12	28	70	21	1/2	2	014330012
14	36	72	24	-	2	014330014
16	36	72	24	-	2	014330016

## 1433/C11

roller stud extractors with 1/2" female square drives

3/8"

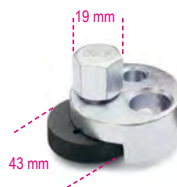
1/2"



1433/C11	M5 - M6 - M7 - M8 - M9 - M10 - M10,5	1 014330311
	M11 - M12 - M14 - M16	
	340x135x56 mm - 3,0 kg	

## 1435

eccentric stud extractor



∅		
mm		
4÷20	1	014350001

## 1435R

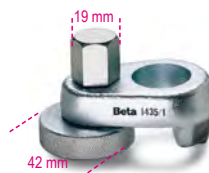
spare wheel for item 1435



1435R	1	014350010
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## 1435/1

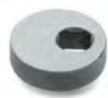
eccentric stud extractor



∅		
mm		
19÷26	1	014350002

## 1435/1R

spare wheel for item 1435/1



1435/1R	1	014350011
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## 1438

universal clutch aligner complete with 3 expansion mandrels



1438	1	014380001
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## 1438R

spare expansion mandrels for item 1438



∅		
mm		
14÷18	5	014380101
18÷21	5	014380102

## 1438EVO

universal clutch aligning kit

Component parts made entirely from metal



1438EVO	1	014380011
		290x200x60 mm - 2 kg

## 1438DSG

lever for locking/unlocking DSG dual-clutch gearbox from VAG group



1438DSG	1	014380200
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## 1439/K7

angular screwdriver (90°), long series, with blades, in case



Case contents:  
- Angular screwdriver  
- 1 slotted screw head  
- 1 1/4" bit head  
- Special blade head  
- 7 special blades

1439K7 1 014390101

500x120x60 mm 825 g

## 1440/...

piston ring compressors



	Ø mm	L mm	
1440/0	40÷75	50	1 014400000
1440/1	57÷125	80	1 014400010
1440/1A	57÷125	100	1 014400011
1440/2	90÷175	80	1 014400020
1440/2A	90÷175	100	1 014400021
1440/3	90÷175	165	1 014400030

## 1445/1 - 1445/2

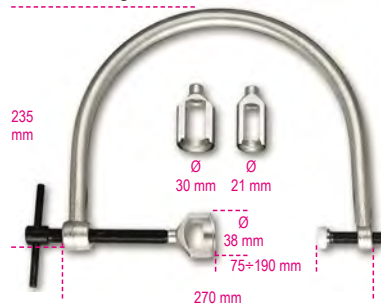
piston ring expanders



	Ø mm	
1445/1	50÷100	1 014450001
1445/2	90÷150	1 014450002

## 1452K

valve spring compressor, with three flanges



1452K 1 014520100

## 1452PN/K

pneumatic tool for engine valve springs

Thrust pressure: 1400 N



Ø mm	L mm	L1 mm	
16-19-23	230	185	1 014520110
25-30-42			

## 1454P

scraper for removing packing and sealant residues

particularly recommended for cleaning heads and flat surfaces to match



L mm	L1 mm	± mm	
210	32	3,3	1 014540010

## 1455SVP

pneumatic valve grinder

• Pressure: 6 bars

CE



1455SVP 1 014550001

## 1455SVP/R...

spare parts for item 1455SVP



1455SVP/R1	5	014550501
1455SVP/R2	5	014550502
1455SVP/R3	5	014550503

## 1457/B4

tool set for releasing Rilsan hose fittings

Sizes included in set:

- 6x8
- 10x12
- 15x16
- 18x1/2



1457/B4 1 014570024

## 1458

external butt-ended circlip pliers



DIN 5417

Ø mm	
30÷100	2 014580001

## 1460F

valve seat removing tool



1460F 1 014600010

**Beta**

## 1462CF/C6

set of 6 single-ended bi-hex wrenches for fuel injector connectors

sizes:  
12-14-16-17-18-19 mm



1462CF/C6

260x145x60 mm - 1,2 kg



014620006

## 1462CF

single-ended bi-hex wrenches for fuel injector connectors



mm  
12  
14  
16  
17  
19  
18



014620012

014620014

014620016

014620017

014620019

014620018

## 1462/KEP

pneumatic diesel injector puller

Supplied connectors can be relied on to easily connect pneumatic jack to threaded seat of injector. Remote operation control allows for totally safe operation; whereas jack will deliver a powerful blowing force (up to 1200 bpm).

### Features:

- Remote operation control
- Convenient positioning handle
- Threaded connection M18X1.5
- Slide hammer travel: 35 mm
- Slide hammer speed: 1200 bpm

### Connectors included in kit:

- M14X1.5 for Delphi
- M17X1.0 for Bosch
- M20X1.0 for Denso
- M25X1.0 for Siemens
- M27X1.0 for Siemens



1462/KEP

385x300x110 mm - 4,8 kg



014620250

## 1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed



1462/KI

530x470x140 mm - 2,0 kg



014620235

## 1462/MB

hammer face kit for removing injectors

### Kit contents:

- 1 4 kg hammer face with 400 mm rod
- 1 articulated adapter, male M10x1.5, female M22x1.5 mm
- 1 adapter, male M22x1.5, female M13x1.4 mm
- 1 adapter, male M14x1.5, female M27X1 mm
- 1 adapter, male M14x1.5, male M25x1 mm
- 1 adapter, male M14x1.5, male M27x1 mm
- 1 adapter, male M14x1.5, female M14x1.5 mm
- 1 adapter, male M14x1.5, male M20x1 mm
- 1 adapter, male M14x1.5, male M17x1 mm



1462/MB

500x250x80 mm - 7,2 kg



014620110

## 1462/EI

universal vibration tool for injector removal

- Helps to fully remove jammed injectors from their housings, without damaging cylinder heads and without breaking injectors.
- Can be used with any injector removal set, with or without hammer face.
- Tool acts directly on removal tie rod, which is coupled with injector, through vibrations and pulses.
- Control valve allows vibration intensity to be adjusted to type of work to be carried out.



1462/EI



014620240

## 1464T/N

digital pressure and compression tester

- large digital display, backlit
- rechargeable polymer lithium battery
- complete with 80 bar sensor (for low pressure)
- connection via cable free sensor
- measurement and software update download via Wi-Fi
- shockproof case
- for use in combination with kits 1464 for testing engine pressure and compression



### Technical data:

- Display: 8"
- Resolution: 800x840 px
- Processor: Dual core 240 MHz
- Internal memory: 32 Mb
- Software: 32-bits

	L	H	P
	mm	mm	mm
1464T/N	460	120	360



014640090

## 1464T/SP80

pressure sensor, 80 bars, for items 1464T, 960TP and 1464T/N



1464T/SP80



014640053

## 1464CBD

comprehensive adapter set for testing compression in petrol and diesel engines, with tester 1464T and 1464T/N

Makes it possible to connect to engine to test petrol and diesel compression with tester 1464T

### Contents:

- 8 dummy spark plugs with non-return valves
- 44 dummy glow plugs with non-return valves
- 1 adjustable universal dummy injector for cars, trucks, marine engines and agricultural machines
- 1 90° adapter, pressure release valve and connecting hose
- space accommodating tester 1464T in case



1464CBD

510x410x140 mm - 5,5 kg



014640300

## 1464APD

set for testing high pressure system in common rail diesel engines (can be used with items 1464T and 1464T/N)  
Allows connection between high pressure pump and injector flute, to test common rail system pressure.  
If no pressure is available, dummy regulators included in kit make it possible to determine whether problem lies in the pressure pump or in regulator.

### Set contents:

- high pressure hose set:
- fittings
- 2,000 bar sensor
- assortment of dummy regulators
- assortment of injector fuel fitting plugs



### Supplied hose sizes:

- T12x12-M1.5
- T12x14-M1.5
- T12x16-M1.5
- T12-M1.5

Bosch, Delphi, Denso and Siemens pressure regulators

1464APD 1 014640100

510x415x130 mm - 4,7 kg

## 1464APB

set for testing high pressure system in FSI petrol engines, for use with item 1464T and 1464T/N

comes with 200 bar sensor and connectors



1464APB 1 014640500

240x210x50 mm - 0,5 kg

## 1464BP

set of connectors for testing low pressure (can be used with items 1464T and 1464T/N)

Quick connectors connected to tester 1464T/N make it possible to rapidly test fuel low pressure in diesel and petrol engines as well as AdBlue® and TDI pressure.



1464BP 1 014640200

510x415x130 mm - 2,6 kg

## 1464PO

set for testing oil pressure (for use with 1464T and 1464T/N)

Used with digital tester and supplied connectors, it allows engine oil pressure to be tested.



### Set contents:

- 10 engine oil pressure fittings
- 4 turbo pressure fittings
- 90° fitting
- rubber extension with quick coupling

1464PO 1 014640270

350x290x90 mm - 1,3 kg

## 1464FAP

set for testing diesel particulate filter (DPF) pressure for item 1464T and 1464T/N

### Supplied with:

- 500 mbar sensor
- 8 mm adaptor with quick coupling and T fitting
- 3-m-long RJ45 cable



### Technical data:

- Pressure test: 0+500 mbar
- Resolution: 1 mbar

1464FAP 1 014640610

240x210x50 mm - 0,5 kg

## 1464PT

set for testing turbo pressure, for use with item 1464T

comes with sensor and connecting cable



1464PT 1 014640550

240x210x50 mm - 380 g

## 1464VD

vacuum testing set for item 1464T and 1464T/N

For measuring and storing maximum vacuum value

### Supplied with:

- 800 mbar sensor
- 6 and 8 mm adaptors
- 3-m-long RJ45 cable

### Technical data:

- Vacuum test: 0+800 mbar
- Resolution: 1 mbar
- Maximum value storage



1464VD 1 014640570

240x210x50 mm





## 1465

### engine efficiency tester

Allows endothermic engine compression to be tested within just a few seconds, without requiring connection to engine, taking power from vehicle battery, through a dedicated software



- Step 1: calculating engine rpm
- Step 2: testing battery voltage trend during each revolution
- Step 3: displaying absorbed power and compression calculated through starter operation for each piston
- Step 4: testing battery charge and efficiency

- Technical data:**
- Operating voltage: 12V DC (vehicle battery)
  - Dimensions: 140x75x30 mm
  - Clamp cable length: 1300 mm
  - Weight: 215 g

1465 1 014650010

## 1466/C5

### kit of 5 brake bleeding wrenches

- kit contents:**
- 5 wrenches sizes 7-8-9-10-11 mm
  - 1 drain hose with check valve



1466/C5 1 014660100  
260x170x50 mm - 1,600 g

## 1467

### brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

1467 1,5 1 014670001

## 1467/RK1

### spare tube kit for item 1467



1467/RK1 1 014670501

## 1467LF/2

### electric instrument for brake fluid replacement

with "pulsating effect" function



- Automatically stops when tank is empty, thereby preventing air from being let in
  - Maximum tank volume: 20 l
  - Operating pressure: 0.4+3.5 bar
  - Power supply: 230V
- Supplied with:
- Brake oil recovery tank
  - 1 standard cap E20

1467LF/2 1 014670099

## 1467LF/RC

### vessel with recovery tube for item 1467LF



1467LF RC 1 014670125

## 1467TU

### plug for brake fluid tanks

- can be adapted to 90% of available tanks
- for use with Beta's item 1467LF



1467TU 1 014670090

## 1467T/C6

### set of adapter plugs for brake fluid tanks, for use with BETA items 1467LF and 1467LF/2

- Set contents:**
- 1 plug for Toyota vehicles
  - 1 plug for Ford, Hyundai, Mazda, Mitsubishi, Nissan, Subaru vehicles
  - 1 plug for Honda vehicles
  - 1 plug for Mazda and Suzuki vehicles
  - 1 plug for Nissan vehicles
  - 1 brake bleeding adapter plug for European vehicles



1467T/C6 1 014670080  
350x240x85 mm - 1,8 kg

## 1470

### drum brake spring pliers

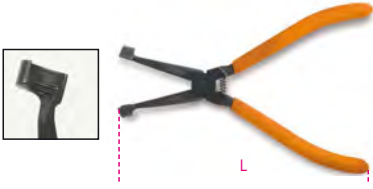


L mm 1 014700001  
210 1 014700002  
330 1 014700010  
540 1 014700010

## 1470FT

drum brake shoe spring clamp pliers

40° angled noses  
Easy access to awkward spaces



L  
mm  
184

1 014700000

## 1471

drum brake spring pliers



L  
mm  
330

1 014710001

## 1471GF

mouldable hooks for supporting brake calipers while replacing pads, pair



1471GF

Max kg  
5

1 014710310

## 1471M/C22

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



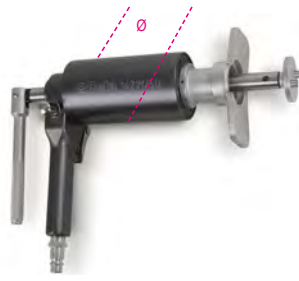
1471M/C22

350x310x85 mm - 3,5 kg

1 014710101

## 1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



Ø  
mm  
50

Kg  
150

Bar  
5÷8

1 014710069

## 1471C

tool for manually pushing back brake pistons, with ratchet



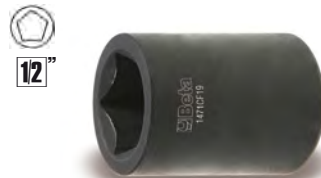
L  
245

A  
min+Max  
40÷65

1 014710330

## 1471CF

pentagon hand sockets for brake caliper nuts



mm  
14  
19

1 014710314  
1 014710319

## 1471CM

pentagon socket driver for brake caliper screws



mm  
10

1 014710360

## 1471CM/E11

hexagon socket driver, 11 mm, for Mercedes ML brake caliper screws (series 166)



mm  
11

Ø  
mm  
24

L  
mm  
75

L1  
mm  
15,5

1 014710361

## 1471PT/C5

impact socket kit for brake calipers nuts

for cars of Volkswagen, Audi & Porsche group  
• 3 10-tooth sockets: 11.5 mm - 15 mm - 20 mm  
• 2 7-tooth socket: Ø 14 mm - 22 mm



1471PT/C5

1 014710367

## 1471D2

tool for pushing back front disc brake pistons, with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers



mm  
10

250x170x60 mm 1,5 kg

1 014710301

## 1471T/C5

5 slogging wrenches for truck brake calipers

can be used with torque wrenches for tightening operations  
included sizes:  
• female Torx wrenches E18, E20, E24  
• ring wrenches M24, M26



1471T/C5

1 014710400

275x220x60 mm - 3,1 kg

**1472**  
hose clamp pliers



1472 1 014720001

**1472AU**  
automatic hose clamp pliers



∅ mm 18+53 1 014720100

**1472R/AU**  
spare tips for pliers 1472AU



1472AU/R 1 014720101

**1472AU/P**  
automatic hose ring pliers with extension



∅ mm 18+54 L mm 630 1 014720105

**1472AU/RP**  
spare cable for pliers 1472AU/P



1472AUP/R 1 014720106

**1472B/RNLT**  
double head socket, specially designed for suction hose clamps installed on Renault group engines



1472B/RNLT 1 014720250

**1472FC**  
Clíc® collar pliers with swivel heads



1472FC 1 014720090

**1472FC/6E**  
heavy-duty Clíc® collar pliers

particularly suitable for large-size clippers



L mm 230 1 014720093

**1472FC/L**  
Clíc® collar pliers with flexible extension



L mm 630 1 014720095

**1472FCL/RP**  
spare cable for pliers 1472FC/L



1472FCL/RP 1 014720096

**1472PU**  
combination collar and hose clamp pliers

the multi head jaws inclined at 45° allow most commercially available collars to be clamped



∅ 0+65 L 228 1 014720120

**1472PU/P**  
combination collar and hose clamp pliers with extension

the multi head jaws allow most commercially available collars to be clamped



∅ 3+58 L 228 L1 630 1 014720121

**1472VW**  
hose clamp pliers, with swivel heads  
For Volkswagen and Mercedes cars



1472 VW 1 014720051

**1473**  
OETIKER® collar pliers



1473 275 1 014730001

**1473A**  
slothholder pliers for OETIKER® collars



1473A 1 014730010

**1473P**  
clamp pliers for OETIKER® low-profile collars



1473P A Max mm 53 1 014730020

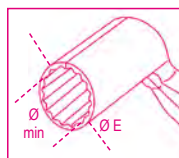
**1473FN**  
tool for tightening and cutting strap ties made of stainless steel

For use with Panduit® ties and the like



A mm 4,7÷9,5 1 014730501

**1474L**  
spark-plug pliers, curved long nose, 15°



Ø min mm 14 Ø E mm 20 2 014740010

**1474DL**  
spark-plug pliers, long nose, double layer PVC coated handles



1474DL Ø 12 mm 1 014740015

**1474G**  
curved long nose pliers for removing glow plug caps



1474G 1 014740200

**1476**  
adjustable self-locking pliers for exhaust pipe cutting



Ø min mm 19 Ø max mm 75 L mm 225 1 014760002

**1476/RC**  
spare chain for item 1476



1476RC 1 014760012

**1476A**  
pliers for exhaust pipe cutting



Ø min mm 30 Ø max mm 95 1 014760005

**1476A/RC**  
spare chain for item 1476A



1476A/RC 1 014760015

**1476C/1**  
exhaust pipe expanders



1476C/1 Ø 30÷42 mm L = 131 mm L1 = 51 mm 1 014760101

**1476GT**  
pliers for removing rubber supports from exhaust pipes



L mm 280 A Max mm 58 3 1 014760050

**1476PSA**  
exhaust collar pliers with pin, PSA group  
Nose shape and automatic rack locking make it possible to work without pulling out pin



L mm 309 A Max mm 60 S mm 12,2 1 014760060



## 1477/C10

bent wrench with 9 bits  
for belt tightening nuts

- 1 bent wrench with bit drive
- 4 double bi-hex bits: 12x14 - 13x15 - 16x17 - 18x19 mm
- 5 bits for Torx(R) head screws: E10 - E12 - E14 - E16 - E18



1477/C10 1 014770310  
530x110x55 mm

## 1477/C38

kit with swivel ratcheting wrench,  
with short sockets for belt tighteners

- Kit contents:
- swivel lever with 500-mm long reversible ratchet
  - short sockets for Torx® head screws: E10-E12-E14-E16-E18
  - short hexagon sockets: 8-9-10-11-12-13-14-15-16-17-18-19-24
  - bits for Torx® head screws: T20-T25-T27-T30-T40-T45-T50-T55-T60
  - bits for cross head Phillips® screws: PH2
  - hexagon bits: 4-5-6-7-8-10 mm
  - magnetic bit holder
  - 3/8" extension, 75 mm



1477/C38 1 014770338  
630x130x55 mm - 2 kg

## 1477D/S5

set of 5 ring wrenches for belt tightening nuts



1477D/S5 1 014770200  
13-15-16-17-19 mm  
600x200x70 mm - 2,2 kg

## 1478

pin removing pliers



1478 1 014780001

## 1478NSS

plastic pin removal pliers  
with 3 release points



L mm 180 1 014780163

## 1478T

plastic pin removable pliers  
with swivel head and pressure clips

Head can be rotated 90°



S mm 4,5 1 014780101

## 1478/K3

pin removing pliers kit with plastic clips  
assortment

- kit contents:
- flat nose pliers (1 pc.)
  - 90° bent nose pliers (1 pc.)
  - 625 plastic clips in 16 different sizes
  - clips in 3 stackable PPL containers



L mm 180 L1 mm 170 1 014780160

## 1478SP

assortment of 625 plastic clips

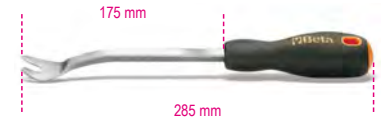
16 different types



1478SP 1 014780201

## 1479

trim pin remover



1479 2 014790001

## 1479/B27

kit of 27 nylon tools for removing pins  
and working on plastics and seals,  
hangleable



1479/B27 1 014790407

## 1479LB/C5

kit of 5 metal trim pin removers



1479LB/C5 1 014790150  
215x165x50 mm

## 1479L/S2

multipurpose wrecking bars, pair,  
made of Teflon®



1479L/S2

1 014790510

## 1479LV/S3

kit of 3 multipurpose wrecking bars,  
made of metal

sizes:

1479LV/1: 10x12 mm

1479LV/2: 4.8x9.6 mm

1479LV/3: 2.8x6 mm



1479LV/S3

1 014790100

## 1479L/K4

4 wrecking bars for jobs on  
dashboards and delicate parts



1479L/K4

1 014790604

## 1479N/S5

kit of 5 nylon trim pin removers



1479N/S5

1 014790251

## 1479RB/1

straight putty knife scraper



1479RB/1

1 014790315

## 1479RB/2

bent putty knife scraper



1479RB/2

1 014790320

## 1479RB/3

flat putty knife scraper



1479RB/3

1 014790310

## 1479U/13

putty knife scrapers



1479U/13

2 014790010

## 1479U/32

trim pin remover, stainless steel blade



1479U/32

2 014790015

## 1480

Kit for filling diesel oil filters of cars without  
electric pumps

• Also for use with tyre inflators

Kit contents:

- GM quick couplings
- Renault, GM, Fiat quick couplings, inside Ø 6 mm
- Renault, GM, Fiat quick couplings, inside Ø 7 mm
- Ford quick couplings
- PSA quick couplings, inside Ø 6 mm
- PSA quick couplings, inside Ø 7 mm
- Ford quick couplings
- 2 cone-shaped adapters for cars without quick couplings



1480

1 014800010

410x320x70 mm



# Beta



## 1481/C12

Kit of 6 pairs of hose pliers

Kit contents:

- 2 different pairs of pliers size 1/4"
- 2 different pairs of pliers size 3/8"
- 2 different pairs of pliers size 5/16"
- 3 pairs of rubber caps



1481/C12

1 014810312

370x270x59 mm

## 1481K/S4

kit of 4 self-locking terminals for line obstruction

sizes:

5/16" - 3/8" - 1/2" and loop

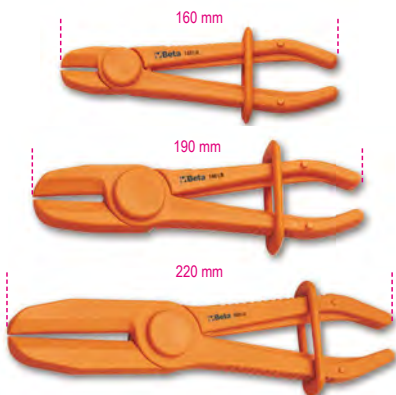


1481K/S4

1 014810400

## 1481PL/A

plastic hose pliers



	∅ mm	
1481PL/A	8÷15	3 014810110
1481PL/B	15÷25	3 014810120
1481PL/C	25÷45	3 014810130

## 1481PL/S3

set of 3 plastic hose pliers



1481PL/S3

1481PL-A ∅ 8÷15 mm  
 1481PL-B ∅ 15÷25 mm  
 1481PL-C ∅ 25÷45 mm

1 014810200

## 1481T/C12

set of fuel line plugs

3 pairs of plugs with male/female quick couplers for closing fuel lines



1481T/C12

1 014810212

275x220x45 mm - 540 g

## 1482

adjustable self-locking wrench for tank floating ring nuts



∅ mm	
89÷170	1 014820001
89÷200	1 014820002

## 1482A/1B

3-leg wrench for floating ring nuts, tank with aluminium ring nut

For operating on aluminium ring nut installed on Fiat, Volkswagen, Opel, Chevrolet, Mercedes and BMW cars since 2011



12"



∅ mm	
185	1 014820004

## 1482A/3

wrench for tank floating ring nuts, PSA group

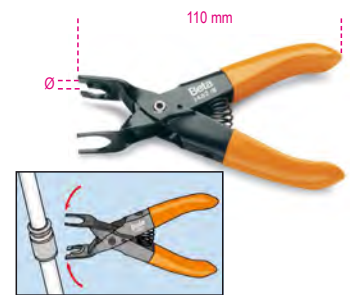
So designed as to make it possible to operate on decentralized axis by removing ring nut, without damaging delicate fuel line



∅ mm	
157	1 014820007

## 1482/8 - 1482/10

quick coupler pliers for fuel pipes



	∅ mm	
1482/8	8	2 014820008
1482/10	10	2 014820010

## 1482B

quick coupler pliers for fuel pipes



1482B	1 014820021

## 1482SN

quick coupler swivel pliers for fuel pipes, with articulated jaws



L mm	
260	1 014820110

## 1482C

wedges (2 pairs) for releasing diesel fuel filter fittings, Fiat, Volkswagen, Jeep, Chrysler and Volvo groups

Quick filter replacement without irreparably damaging fittings



1 014820022

1482C

## 1483KV-PT/S7

set of five-star head bits

Included sizes:  
PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40



1 014830117

1483KV PT/S7

## 1484

set of 2 tools for removing and installing stretch belts

Allows stretch belt to be quickly removed and correctly installed, without risking damaging it



1 014840010

1484

## 1485BP

half-moon tool for locking toothed pulleys

can be adjusted through swivel handle, tightens and locks pulley from outside, preventing neighbouring sensors from getting damaged



1 014850000

A Max  
mm  
130

## 1485FCA/K2

tools for pre-loading timing belt bearings, pair, FCA group  
recommended for 1.2, 1.4 8/16 V and 1.4 Multiair engines

- 1 175-mm-long tool with 13.5-mm-deep push rods
- 1 305-mm-long articulated tool with 13.5-mm-deep push rods



1 014850220

1485FCA/K2

## 1485TC

tensioning lever for service belts, mounted on Ford, PSA, FCA engines



1 014850330

L  
mm  
475

## 1485/KIT

kit for controlling cam belt tension



1 014850100

1485/KIT

230x140x75 mm - 580 g

## 1485R

universal tool for rotating camshaft pulleys made from forged steel with 2 pairs of tips



1 014850025

∅ mm  
30=120

∅1 mm  
10 - 17

L mm  
500

## 1485R/P10

pairs of inserts



1 014850035

1485R/P10

## 1485R/P17

pairs of inserts



1 014850038

1485R/P17

## 1488 - 1488L

oil-filter wrench with double chain



1 014880001  
1 014880050

1488 60=110  
1488L 60=160

## 1488/1

oil-filter wrench with thin double chain



1 014880010

∅ mm  
60=110

## 1488R...

spare chain



1 014880101  
1 014880150  
1 014880110

L mm  
1488RC 1488 350  
1488R/L 1488/L 520  
1488RC/1 1488/1

**1489/33**  
alternator pulley free wheel wrench



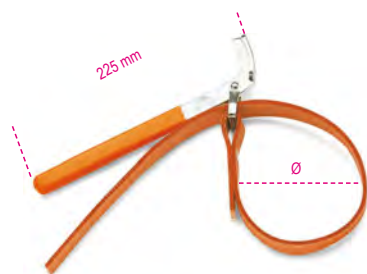
1489/33	33	1	014890010
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**1489/Y**  
alternator pulley free wheel wrench,  
for Nippondenso alternators



32	1	014890040
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**1490**  
strap wrenches for oil filters



	Ø max mm		
1490/1	160	1	014900001
1490/2	240	1	014900002

**1490/R1 - 1490/R2**  
spare fabric straps for item 1490



	Ø mm		
1490R/1	160	1	014900101
1490R/2	240	1	014900102

**1490F**  
strap wrenches for filters

38"

12"



Ø Max mm	mm	H mm		
200		50	1	014900201

**1491**  
adjustable oil filter wrench



Ø mm			
65÷110	2	014910001	

**1491R**  
spare metal band for item 1491



1491R	10	014910010
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**1491A**  
adjustable oil filter pliers

Precision adjustment through rack



L mm	Ø min - Max mm		
345	55 ÷ 140	1	014910040

**1491T**  
adjustable truck oil filter pliers

Precision adjustment through rack  
For use with drier filters



L mm	Ø min - Max mm		
500	70 ÷ 200	1	014910050

**1492/1 - 1492/2**  
adjustable oil filter wrenches



	Ø mm		
1492/1	60÷80	1	014920001
1492/2	80÷110	1	014920002

**1492T**  
drier filter wrenches



	Ø mm	H mm		
1492T 40	125÷145	40	1	014920540
1492T 75	120÷140	75	1	014920575

**1493B**  
bi-hex wrenches  
for hard-to-reach oil filter cartridges



mm	± mm		
24	8	1	014930524
27	8	1	014930527
32	8	1	014930532
36	8	1	014930536
38	8	1	014930538

**1493**  
oil filter wrench



Ø mm	N		
65	14	1	014930200
73	14	1	014930208
74	14	1	014930209
76	14	1	014930218
76-74	15	1	014930220
78	15	1	014930224
80	15	1	014930226
82-80	15	1	014930228
86	16	1	014930230
100	15	1	014930248
106	15	1	014930250
108	15	1	014930252
135	18	1	014930256

## 1493/PF

Purflux® oil-filter wrenches

12"



Ø mm	N	1	1
66	6	1	014930202
76	12	1	014930216
76	30	1	014930222
86	18	1	014930232
93	36	1	014930240
93	45	1	014930242
108	18	1	014930254

## 1493/C30

set of 28 oil filter wrenches

12"



Sizes included in kit (Ø mm / n°. of sides)  
1493:

65/14 - 68/14 - 73/14 - 74/15  
76/15 - 75.77/15 - 76/14 - 76/8 - 78/15 - 80/15  
82/15 - 86/16 - 90/15 - 92/10 - 93/15 - 95/15  
100/15 - 106/15 - 108/15

1493PF (Purflux)

66/6 - 76/12 - 76/30 - 86/18  
93/36 - 93/45 - 96/18 - 108/18

- Includes 1 adjustable oil filter wrench  
Ø 65÷120 mm

1493/C30 1 014930000

530x400x110 mm - 4 kg

## 1493AL

oil filter wrenches

N= number of sides

38"

12"

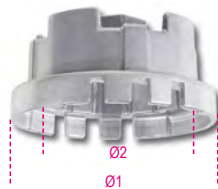


Ø mm	N	•	□	1	1
64	14	27	1/2"	1	014930310
66,5	14	27	1/2"	1	014930315
74	14	27	1/2"	1	014930320
84	14	27	3/8"	1	014930330
92	15	27	3/8"	1	014930340
100,5	15	27	3/8"	1	014930350

## 1493AL 4S

oil filter wrenches  
for Asian cars  
4-hook profile

38"



Ø1 mm	Ø2 mm	27	1	1
70	64,5	27	1	014930304
80	64,5	27	1	014930305

## 1493AL CF

hexagon socket wrenches  
for oil filter cartridges

12"



Ø mm	H mm	•	1	1
24	34	27	1	014930424
30	34	27	1	014930430
32,5	34	27	1	014930432
38	34	27	1	014930438

## 1493/C19

set of 18 oil filter wrenches,  
particularly suitable for Asian cars

Ø mm N°. of sides

63-64	14
66.5	14
74	14
79	15
84	14
87	16
92	15
94,5	15
100,5	15
64,5	14 hook wrench for Toyota cars
64,5	14 hook wrench for Lexus cars
6 hexagon sockets, sizes 24-27-30-32,5-36-38 mm, for filter cartridges	
Kit includes 1 universal adjustable wrench Ø 58÷93 mm	

12"

38"



1493/C19 1 014930019

490x450x60 mm - 4 kg

## 1493DSG

wrench for removing/installing  
DSG oil filter

12"

12"



Ø mm

24

1

014930800

## 1493FF/2

oil filter wrench with swivel ratchet head

allows plastic seats of PSA Group and FORD oil filters to be removed/installed

12"

12"



Ø

27

L

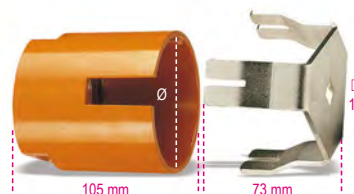
245

1

014930128

## 1493J

wrench for MultiJet



Ø

mm

90

1

014930080

## 1493/C7

self-adjusting oil filter wrench with three arms  
for right- and left-hand tightening,  
with interchangeable arms

antislip diamond finish

2 sets of arms:

- 1 set with 20 mm working length
- 1 set with 38 mm working length

38"

38"



Ø

mm

50÷100

1

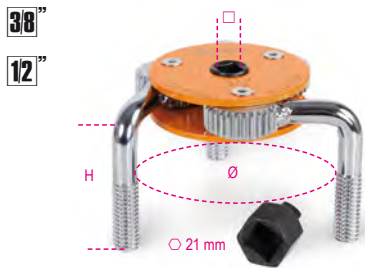
014930079

210x150x50 mm

## 1493H

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening

Knurled jaws



1493H	$\emptyset$ mm	H mm			1 014930077
	72÷127	62			

## 1493/S-U

self-adjusting oil filter wrench with 3 arms, for right and left hand tightening



1493/S	$\square$	$\emptyset$ mm			1 014930074
1493/U	1/2	105-165			1 014930076
	3/8-1/2	80-115			

## 1493X

self-locking oil filter wrenches, for left-hand tightening



1493X/1	$\emptyset$ mm	$\pm$ mm			1 014930105
1493X/2	60÷80	2,9			1 014930110
	80÷98	2,9			



## 1493Y

self-locking oil filter wrenches, for right- and left-hand tightening, heavy-duty version

item 1493Y/2 can also be used for drier filters



1493Y/1	$\emptyset$ mm	$\pm$ mm			1 014930120
1493Y/2	80÷110	7,3			1 014930122
	104÷145	7,3			

## 1494T/C5

set of special sockets for plastic oil drain plugs

Set contents:

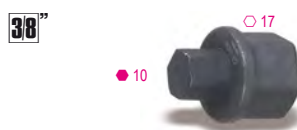
- 1 socket for VAG group oil drain plugs
- 1 socket for BMW oil drain plugs
- 1 socket for PSA and Ford group oil drain plugs
- 1 socket for Mercedes oil drain plugs
- 1 "T"-handle wrench



1494T/C5			1 014940350
	173x125x50 mm - $\uparrow$ 360 g		

## 1494BMW

special socket for plastic oil drain plugs, for BMW engines



1494BMW			1 014940315
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## 1494FPC

special socket for plastic oil drain plugs, for Ford, Peugeot and Citroën engines



1494FPC			1 014940320
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## 1494VW

special socket for plastic oil drain plugs, Volkswagen engines

Allows plastic plug to be removed and installed from oil sump. Specially designed for Volkswagen cars with TFSI and TDI engines



1494VW			1 014940305
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## 1494MRC

special socket for plastic oil drain plugs, for Mercedes engines



1494MRC			1 014940325
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## 1494MAN

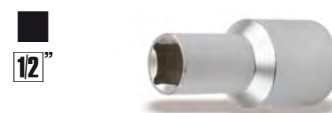
special socket for plastic oil drain plugs, for DAF and MAN engines



1494MAN			1 014940330
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## 1494

square oil drain plug socket



1494	mm			1 014940280
	10			

## 1494E

male hexagon oil drain plug sockets



1494E	mm			1 014940208
	8			1 014940209
	9			1 014940210
	10			1 014940211
	11			1 014940212
	12			1 014940214
	14			1 014940217
	17			

## 1494Q

male square oil drain plug sockets

12"



mm	
8	1 014940258
9,5	1 014940259
12	1 014940262
13	1 014940263

## 1494T

male triangular oil drain plug socket

12"



mm	
9,5	1 014940289

## 1494XZN

male oil drain plug socket with XZN® profile

12"



M	
16	1 014940296

## 1494VW/K

engine oil replacement kit, for VAG cars



Kit contents:  
 • 1 special socket for plastic oil drain plugs  
 • 6 plastic oil sump plugs

1494VW/K	1 014940310
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## 1494VW/KT

kit of 6 plastic caps for item 1494VW/K



1494VW/KT	1 014940311
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## 1494/C14A

assortment of 14 oil change tools

12"



1494/C14A	1 014940150
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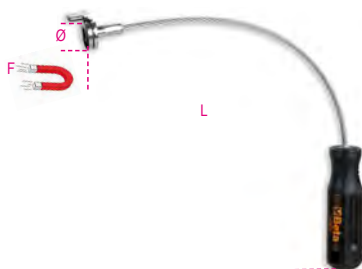
- 1494E 8-9-10-11-12-14-17
- 1494Q 8-9,5(3/8")-12-13
- 1494 10
- △ 1494T 9,5(3/8")
- 1494XZN M16

380x305x40 mm - 1,7 kg

## 1494M

tool for hexagon oil drain plugs, magnetic, flexible

Allows plug to be unscrewed without risking getting burnt or dirty



L mm	F kg	Ø mm	
293	2,5	19	1 014940401

## 1495/C6

assortment of tools for repairing oil sump threads



- Damaged thread is removed by screw tap and enlarged by one size
  - Allows repairs and avoids replacing oil sump
- Contents:
- 1 screw tap M13x1.25 + 6 screws + 12 washers
  - 1 screw tap M13x1.5 + 6 screws + 12 washers
  - 1 screw tap M15x1.5 + 6 screws + 12 washers
  - 1 screw tap M17x1.5 + 6 screws + 12 washers
  - 1 screw tap M20x1.5 + 6 screws + 12 washers
  - 1 screw tap M22x1.5 + 6 screws + 12 washers

1495/C6	1 014950500
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420x185x60 mm - 2,1 kg

## 1495M

screw tap for oil drain plug threads



M	
13x1,25	1 014950553
13x1,50	1 014950563
15x1,50	1 014950565
17x1,50	1 014950567
20x1,50	1 014950570
22x1,50	1 014950572

## 1495T

kit with 6 oil drain plugs and washers



M	
13x1,25	1 014950503
13x1,50	1 014950513
15x1,50	1 014950515
17x1,50	1 014950517
20x1,50	1 014950520
22x1,50	1 014950522

## 1496/C

oil plug wrench



8 x 10 mm	3 014960010
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## 1497D

relay removal pliers, straight pattern



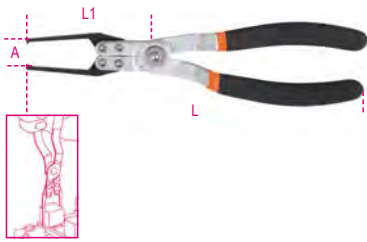
A min+Max mm	
15÷50	1 014970150



## 1497BS

relay and fuse removal pliers, straight, thin pattern

the long, extremely thin noses allow the relay and fuse to be removed from small areas



L	L1	A	
mm	mm	mm	
230	45	14	1 014970190

## 1497P

relay removal pliers, bent pattern, 60°



	A	
	min+Max	
	mm	
1497P	15÷50	1 014970160

## 1497SS

self-locking pliers for soldering tinned wires

Upper clips allow soldering wires to be clamped and brought close to each other.

Built-in rack allows wires to be placed in 6 different positions



L	A	
mm	min+Max	
mm	mm	
245	14÷70	1 014970195

## 1497TE

pliers for disconnecting electrical connectors

the extremely thin noses allow the clips to be released without damaging the connectors



	L	A	Ø	
	mm	Max	mm	
1497TE	215	63	4	1 014970180



## 1497/C23

assortment of 23 tools for releasing electrical connectors



1497/C23	1 014970200
440x250x70 mm - 1,7 kg	

## 1497/C94

assortment of 94 car testing connectors for use with main diagnostic tools

- 2 t-taps
- 2 potentiometers
- 2 warning lights
- 2 SRS connectors
- 2 alligator clips
- 2 acicular probes
- 2 prods
- 2 dual banana connectors
- 4 single banana connectors
- 24 flat male terminals 0.6÷6 mm
- 12 round male terminals 1.6÷3.9 mm
- 24 flat female terminals 0.6÷6 mm
- 12 round female terminals 1.6÷3.9 mm



1497/C94	1 014970300
430x390x100 mm - 3 kg	

## 1497RC

t-taps, pair

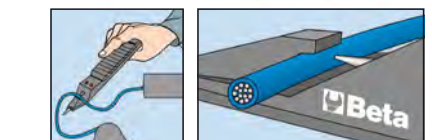
- cable section: 1.5÷3.5 mm
- voltage: 0÷330V
- max. current: 5A



1497RC	1 014970351
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## 1498

voltage tester



3÷48V	2 014980100
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# Beta

# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

<b>Diagnostics</b>
item 1464T/N to 1465 - item 1498SM to 1499 item 1758VT to 1760/IR 1600
<b>Engine</b>
item 955 to 960SN - item 1440 to 1462/KEP item 1472 to 1485TC - item 1737 to 1759TT
<b>Oil and filters</b>
item 1488/1 to 1496/C item 1877 to 1889N
<b>Electric system</b>
item 1489/33 to 1489Y - item 1497D to 1497RC
<b>Starters</b>
item 1498BC/12 to 1498DG1100E
<b>Transmission</b>
item 1884 to 1885/X C60 - item 1438 to 1438DSG item 1566N to 1569/F

<b>Suspension</b>
item 1550U to 1567
<b>Brakes</b>
item 1466/C5 to 1471T/C5
<b>Wheels</b>
item 720MRC to 729T - item 962 to 989B item 1530/C5 to 1531/C7
<b>Body work</b>
item 1065F5 to 1068 - item 1302 to 1369/C11 item 1478 to 1479U/32 - item 1505V to 1539 item 1763 to 1768
<b>Other equipment</b>
item 1875LT to 3067
<b>Jacks</b>
item 3006 to 3069

## 1498BC/12

multipurpose portable starter, 12V

Technical data:

- Starting current: 600A
- Pickup current: 1500A
- Battery type: 4 cells, LifePo4
- Battery capacity: 2500mAh
- Device protecting against polarity reversal, short-circuit, overcurrent, overcharge and overheating



CE



Supplied with:

- Protective case
- Cable with starting clamps
- USB ports for charging electronic devices
- LED battery charge indicator
- USB and USB-C cable
- Mains power supply
- Multifunction LED torch

# STARTERS, BATTERY CHARGERS AND TESTERS



Following the acquisition of the established, reliable specialist manufacturer, Helvi, Beta Utensili has launched a new range of starters, battery chargers and testers, synonymous with **outstanding performance** and **quality standards**.

The range comprises **portable car** and **truck starters**, conventional and electronic **battery chargers** – including wheeled ones – and **battery testers**.

Beta relies on Helvi's manufacturing skills to provide an increasingly comprehensive and specialized range, with a view to answering the most demanding professionals' requirements.



	L	P	H		
	mm	mm	mm		
1498BC/12	225	100	40	1	014980040

## 1498MN/12-C

booster cable with clamps for item 1498BC/12



1498MN/12-C				1	014980005

## 1498MN/12-R

mains power supplies for mini starter 1498BC/12



1498MN/12-R				1	014980003

## 1498MN/12-P

car socket power supply for mini starters  
1498BC/12



1498MN/12-P

1 014980004

## 1498LT/12

portable high-performance starter,  
ultralightweight



CE



### Technical Data:

- Operating voltage: 12 V
- Continuous amperage: 800 A
- Maximum starting amperage: 2000 A
- Peak amperage: 4000 A
- Cable length: 500 mm
- Battery type: 4-cell LifePo4
- Memory saving function: YES
- Dimensions: 260 x 135 x 72 mm
- Net weight: 2.5 kg
- Complete with charging power supply 12 V 1.3A

1498LT/12

1 014980012

## 1498LT/12-SF

wall fixing bracket for starter 1498LT/12



1498LT/12-SF

1 014980013

## 1498LT/12-R7

mains power supply for starter 1498LT/12



1498LT/12-R7

1 014980657

## 1498LT/12-24

portable high-performance starter,  
12-24 V, ultralightweight,

suitable for use on cars, commercial vehicles  
and trucks



CE



The microprocessor provides total protection against:

- polarity reversal
- short circuits
- incorrect voltage
- overloads
- underdischarge
- overcharge
- overtemperature

### Technical data:

- operating voltage: 12/24V
- continuous amperage: 2000/1000 A
- maximum starting amperage: 5000/2500 A
- peak amperage: 10000/5000 A
- clamp amperage: 1000 A
- cable length: 160 cm
- cable section: 25mm<sup>2</sup>
- automatic power supply: 4 Amp
- memory saving function
- dimensions: 350x240x140 mm
- weight: 5 kg

1498LT/12-24

1 014980014



## 1498EL/12

portable starter, 12V

- for starting all GT and economy cars, 12V, petrol or diesel
- charging via automatic electronic power supplier
- charging via cigarette lighter socket
- internal protection fuse
- battery charging status LED indicator
- shoulder strap included
- sealed lead-acid storage battery (AGM)



CE



### Technical data:

- Pickup current: 1800A
- Battery capacity: 22 Ah
- Cable length: 1 m
- Weight: 9.8 kg

H	L	P
mm	mm	mm
330	390	130

1 014980712

## 1498EL/12-24

portable starter, 12/24V

- for starting all cars and commercial vehicles with 12V/24V batteries
- charging via automatic electronic power supplier
- charging via cigarette lighter socket
- internal protection fuse
- battery charging status LED indicator
- shoulder strap included
- sealed lead-acid storage battery (AGM)



CE



### Technical data:

- Pickup current: 3600A 12V - 1800A 24V
- Battery capacity: 2x 22 Ah
- Cable length: 2 m
- Weight: 18.5 kg

H	L	P
mm	mm	mm
330	390	180

1 014980724

## 1498EL/12-R01

spare battery, 12V,  
for starters EL/12V and EL/12-24V

CE



1498EL/12-R01

1 014980713

## 1498/12-24 R20

mains power supply for starters items 1498/12  
and 1498/24



1498/12-24 R20

1 014980520

## 1498PRO/12

portable starter, 12V, Pro

- for starting all GT and economy cars, 12V, petrol or diesel
- graphic display with ammeter and charging status indication
- charging via automatic electronic power supplier
- charging via cigarette lighter socket
- internal protection fuse
- shoulder strap included
- sealed lead-acid storage battery (AGM)

AVAILABLE  
FROM JUNE

CE



- Technical data:
- Pickup current: 3200A
  - Battery capacity: 25 Ah
  - Cable length: 2 m
  - Weight: 15.8 kg

L	P	H
mm	mm	mm
255	210	380

1 014980812

## 1498PRO/12-R01

spare battery, 12V,  
for starters 1498PRO/12V



C58K/4PF-2,1M

1 014980813

## 1498PRO/12-24

portable starter, 12/24V, Pro

- for starting all vehicle types with 12V or 24V batteries
- graphic display with ammeter and charging status indication
- charging via automatic electronic power supplier
- charging via cigarette lighter socket
- internal protection fuse
- shoulder strap included
- sealed lead-acid storage battery (AGM)

AVAILABLE  
FROM JUNE

CE



- Technical data:
- Pickup current: 5000A 12V - 2500A 24V
  - Battery capacity: 2 x 18 Ah
  - Cable length: 2 m
  - Weight: 19.8 kg

L	P	H
mm	mm	mm
255	210	380

1 014980824

## 1498PRO/12-24 R01

spare battery, 12V,  
for starters 1498PRO/12-24V



C58K/4PF-2,1M

1 014980825

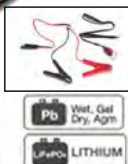
## 1498/2A

electronic motorcycle battery charger, 12V

allows charging of all  
Pb Wet, Agm, Gel, Mf and Vrla battery types  
and LiFePo4 lithium batteries



CE



### Features:

- Two different types of charge, for lithium and lead acid batteries respectively
- Automatic multi-stage charge cycle
- Reverse polarity and short-circuit protection
- IP65 degree of protection
- Complete with cable with clamps and cable with eyelets
- Power supply voltage: 220-240V

### Technical data:

- Charging current: 1A
- Charging capacity: 2Ah-40Ah
- Frequency: 50-60 Hz
- Battery voltage: 12V
- Dimensions: 180x80x40 mm
- Weight: 0.5 kg

1498/2A

1 014980102

## 1498SA/2A-4A

cable with cigarette lighter plug  
for items 1498/2A and 1498/4A



1498SA/2A-4A

1 014980120

## 1498/4A-8A CO

eyelet cable for items 1498/4A and 8A



1498/4A-8A-CO

1 014980114

## 1498/4A-8A CP

cable with clamps for items 1498/4A and 8A



1498/4A-8A-CP

1 014980118

## 1498/2A-8A-PR

extension for item 1498/2A/4A/8A



1498/2A-8A-PR

1 014980119



## 1498H/4A

electronic multipurpose battery charger, 6-12V

### Features:

- LCD display
- 3-light intensity LED
- Charging and charge maintenance
- Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature
- Spark protection
- 9 charging steps
- Floating system
- Functions: battery recovery, battery test and desulphation
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamps, cable with eyelets

6-12V  
5Ah - 120Ah

IP65



### Technical data:

- Power supply: 230V - 50/60Hz
- Charging current: 1-4A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePO4)
- Charging capacity: 5-80Ah (LiFePO4 1-80Ah)
- Maintenance capacity: 5-120Ah (LiFePO4 1-120Ah)
- Output voltage: 6-12V
- Degree of protection: IP65

L	P	H	
mm	mm	mm	
181	91	58	1 014980204

## 1498H/16A

electronic multipurpose battery charger, 12-24V

### Features:

- LCD display
- 3-light intensity LED
- Charging, charge maintenance and power supply
- Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature
- Spark protection
- 9 charging steps
- Floating system
- Functions: battery recovery, battery test and desulphation
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamps, cable with eyelets

12-24V  
20Ah - 550Ah



### Technical data:

- Power supply: 230V - 50/60Hz
- Charging current: 4-16A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePO4)
- Charging capacity: 20-360Ah (LiFePO4 4-360Ah)
- Maintenance capacity: 20-550Ah (LiFePO4 4-550Ah)
- Power supplier (DC): 13.8V - 12A
- Output voltage: 12-24V
- Degree of protection: IP20

L	P	H	
mm	mm	mm	
298	152	88	1 014980216

## 1498H/25A

electronic multipurpose battery charger, 12-24V

### Features:

- LCD display
- 3-light intensity LED
- Charging, charge maintenance and power supply
- Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature
- Spark protection
- 9 charging steps
- Floating system
- Functions: battery recovery, battery test and desulphation
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamps

12-24V  
30Ah - 800Ah



### Technical data:

- Power supply: 230V - 50/60Hz
- Charging current: 6-24A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePO4)
- Charging capacity: 30-550Ah (LiFePO4 6-550Ah)
- Maintenance capacity: 30-800Ah (LiFePO4 6-800Ah)
- Power supplier (DC): 13.8V - 20A
- Output voltage: 12-24V
- Degree of protection: IP20

L	P	H	
mm	mm	mm	
298	152	88	1 014980225

## 1498H/8A

electronic multipurpose battery charger, 12-24V

### Features:

- LCD display
- 3-light intensity LED
- Charging, charge maintenance and power supply
- Protection against reverse polarity, short-circuits, overheating, overloading, overtemperature
- Spark protection
- 9 charging steps
- Floating system
- Functions: battery recovery, battery test and desulphation
- Clamp holder
- Reclining fixing hook
- Supplied accessories: cable with clamps, cable with eyelets

12-24V  
10Ah - 250Ah



### Technical data:

- Power supply: 230V - 50/60Hz
- Charging current: 2-8A
- Battery types: Pb - GEL - Ca/Ca - AGM - Start/Stop - Lithium (LiFePO4)
- Charging capacity: 10-160Ah (LiFePO4 2-160Ah)
- Maintenance capacity: 10-250Ah (LiFePO4 2-250Ah)
- Power supplier (DC): 13.8V - 5A
- Output voltage: 12-24V
- Degree of protection: IP65

L	P	H	
mm	mm	mm	
223	112	68	1 014980208



## 1498/PR14

conventional battery charger, 6/12V

### Features:

- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal overload protector
- Reverse polarity protector



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 140 W
- Voltage: 6/12 V
- Maximum current: 11 A
- Charging current: 7.5 A
- Charging capacity: 112 Ah 15h
- Charging positions: 2

L	P	H	
mm	mm	mm	
260	200	175	1 014980730

## 1498/PR17

conventional battery charger, 12/24V

### Features:

- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal overload protector
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 300 W
- Voltage: 12/24 V
- Maximum current: 12,5 A
- Charging current: 8,5 A
- Charging capacity: 128 Ah 15h
- Charging positions: 2

L	P	H
mm	mm	mm
260	200	175

1 014980731

## 1498/PR25

conventional battery charger, 6/12/24 V

### Features:

- For large charging stations
- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 620 W
- Voltage: 6/12/24 V
- Maximum current: 25 A
- Charging current: 17 A
- Charging capacity: 255 Ah 15h
- Charging positions: 6

L	P	H
mm	mm	mm
250	245	435

1 014980733

## 1498/AM30

automatic conventional battery charger 12/24 V

### Features:

- For AGM, GEL, Lead-Acid and Start/Stop batteries
- Electronic control of charging current
- Charging status light indicators
- Charging current regulation via potentiometer
- Automatic charging function
- Maintenance function



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 720 W
- Voltage: 12/24 V
- Maximum current: 30 A
- Charging current: 20 A
- Charging capacity: 300 Ah 15h
- Charging positions: ∞

L	P	H
mm	mm	mm
220	235	335

1 014980740

## 1498/PR20

conventional battery charger, 12/24V

### Features:

- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal overload protector
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 390 W
- Voltage: 12/24 V
- Maximum current: 16 A
- Charging current: 11 A
- Charging capacity: 165 Ah 15h
- Charging positions: 2

L	P	H
mm	mm	mm
260	200	175

1 014980732

## 1498/PR35B

conventional battery charger, 6/12/24/36/48 V

### Features:

- For large charging stations
- For lead-acid storage batteries
- Voltage/current selectors
- Ammeter
- Automatic thermal protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1830 W
- Voltage: 6/12/24/36/48 V
- Maximum current: 38 A
- Charging current: 25 A
- Charging capacity: 375 Ah 15h
- Charging positions: 12

L	P	H
mm	mm	mm
250	245	435

1 014980734

## 1498/SP150

conventional battery charger / starter, 12 V

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 190 W
- Voltage: 12 V
- Maximum current: 15 A
- Charging current: 11 A
- Max. boost current: 120 Acc
- Starting current: 85 A
- Charging capacity: 165 Ah 15h
- Charging positions: 2 + boost

L	P	H
mm	mm	mm
260	200	175

1 014980745

## 1498/SP250

conventional battery charger / starter, 12/24 V

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 650 W
- Voltage: 12/24 V
- Maximum current: 27 A
- Charging current: 18 A
- Max. boost current: 200 Acc
- Starting current: 135 A
- Charging capacity: 270 Ah 15h
- Charging positions: 2 + boost

L	P	H	
mm	mm	mm	
220	235	335	1 014980746

## 1498/RP480

conventional battery charger / starter, 12/24 V

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 450 Acc
- Starting current: 315 A
- Charging capacity: 450 Ah 15h
- Charging positions: 6 + boost

L	P	H	
mm	mm	mm	
250	245	435	1 014980751

## 1498/SC441

battery charger / starter, 12/24 V, wheeled

### Features:

- For lead-acid storage batteries
- Slow/fast charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 380 Acc
- Starting current: 260 A
- Charging capacity: 450 Ah 15h
- Charging positions: 3 + boost

L	P	H	
mm	mm	mm	
260	395	770	1 014980756

## 1498/RP380

conventional battery charger / starter, 12/24 V

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 900 W
- Voltage: 12/24 V
- Maximum current: 38 A
- Charging current: 25 A
- Max. boost current: 280 Acc
- Starting current: 200 A
- Charging capacity: 270 Ah 15h
- Charging positions: 2 + boost

L	P	H	
mm	mm	mm	
220	235	335	1 014980750

## 1498/SC341

battery charger / starter, 12/24 V, wheeled

### Features:

- For lead-acid storage batteries
- Slow/fast charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1080 W
- Voltage: 12/24 V
- Maximum current: 45 A
- Charging current: 30 A
- Max. boost current: 340 Acc
- Starting current: 200 A
- Charging capacity: 375 Ah 15h
- Charging positions: 3 + boost

L	P	H	
mm	mm	mm	
260	395	770	1 014980755

## 1498/SC540

battery charger / starter, 12/24 V, wheeled

### Features:

- For lead-acid storage batteries
- Slow/fast charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector
- Charge timer



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1440 W
- Voltage: 12/24 V
- Maximum current: 60 A
- Charging current: 40 A
- Max. boost current: 480 Acc
- Starting current: 330 A
- Charging capacity: 525 Ah 15h
- Charging positions: 6 + boost

L	P	H	
mm	mm	mm	
350	465	840	1 014980757

## 1498/SC640

battery charger / starter, 12/24 V, wheeled

### Features:

- For lead-acid storage batteries
- Slow/fast charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector
- Charge timer

CE



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1800 W
- Voltage: 12/24 V
- Maximum current: 75 A
- Charging current: 50 A
- Max. boost current: 550 Acc
- Starting current: 400 A
- Charging capacity: 600 Ah 15h
- Charging positions: 6 + boost

L	P	H	
mm	mm	mm	
350	465	840	1 014980758

## 1498/AT500

battery charger / starter, 12/24 V

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector

CE



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 890 W
- Voltage: 12/24 V
- Maximum current: 37 A
- Charging current: 30 A
- Max. boost current: 450 Acc
- Starting current: 320 A
- Charging capacity: 540 Ah 15h
- Charging positions: 6 + boost

L	P	H	
mm	mm	mm	
250	345	280	1 014980761

## 1498/AT701

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector

CE



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 300 W
- Voltage: 12 V
- Maximum current: 25 A
- Charging current: 20 A
- Max. boost current: 300 Acc
- Starting current: 210 A
- Charging capacity: 375 Ah 15h
- Charging positions: 2 + boost

L	P	H	
mm	mm	mm	
250	345	280	1 014980760

## 1498/AT1001

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector

CE



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2200 W
- Voltage: 12/24 V
- Maximum current: 90 A
- Charging current: 60 A
- Max. boost current: 980 Acc
- Starting current: 560 A
- Charging capacity: 1350 Ah 15h
- Charging positions: 14 + boost

L	P	H	
mm	mm	mm	
350	465	840	1 014980763

## 1498/AT1300

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector

CE



### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2900 W
- Voltage: 12/24 V
- Maximum current: 120 A
- Charging current: 80 A
- Max. boost current: 1280 Acc
- Starting current: 850 A
- Charging capacity: 1800 Ah 15h
- Charging positions: 12 + boost

L	P	H	
mm	mm	mm	
575	330	770	1 014980764



## 1498/AT2000

battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For lead-acid storage batteries
- Charging current selector
- Ammeter
- Thermostatic long start protector
- Short-circuit protection fuse
- Reverse polarity protector



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 3600 W
- Voltage: 12/24 V
- Maximum current: 150 A
- Charging current: 120A
- Max. boost current: 2000 Acc
- Starting current: 1100 A
- Charging capacity: 2250 Ah 15h
- Charging positions: 12 + boost

L	P	H	
mm	mm	mm	
575	330	770	1 014980765

## 1498/DG540E

electronic battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For Lead-Acid, AGM, Gel, Ca/Ca and Start/Stop batteries
- Electronic charge control via microprocessor
- Charging time setting
- Digital display
- Charging status LED indicators
- Control system for: reverse polarity, overcurrent, battery failure indication, safe start, protected start



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 1320 W
- Voltage: 12/24 V
- Maximum current: 55 A
- Charging current: 36 A
- Max. boost current: 380 Acc
- Starting current: 260 A
- Charging capacity: 810 Ah 15h
- Charging positions: 4 + boost

L	P	H	
mm	mm	mm	
395	260	770	1 014980770

## 1498/DG1100E

electronic battery charger / starter, 12/24 V, wheeled

Equipped with CPS (car protection system) technology, which allows boost function to be activated and deactivated fully automatically, to protect electronics on board vehicle.

### Features:

- For Lead-Acid, AGM, Gel, Ca/Ca and Start/Stop batteries
- Electronic charge control via microprocessor
- Charging time setting
- Digital display
- Charging status LED indicators
- Control system for: reverse polarity, overcurrent, power failure indication, safe start, protected start



CE

### Technical data:

- Power supply (1ph): 230 V - 50/60 Hz
- Power: 2400 W
- Voltage: 12/24 V
- Maximum current: 100 A
- Charging current: 70 A
- Max. boost current: 580 Acc
- Starting current: 400 A
- Charging capacity: 5000 Ah 15h
- Charging positions: 4 + boost + supply

L	P	H	
mm	mm	mm	
465	350	840	1 014980771

## 1498SM

memory saver, 12 V

prevents data stored by computer on board cars from getting lost during maintenance jobs or battery replacement.



CE



### Technical specifications:

- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM	1 014980020
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## 1498TB/12-24N

digital battery tester, 12-24V, with built-in printer

- allows the following to be tested: battery, alternator, starter and system
- reverse polarity protector
- fitted with software for connecting instrument to PC
- backlit display
- compact, shockproof frame
- 9 language software



CE

### Technical data:

- Applications: 12V and 24V batteries
- Operating range: 100-2000 CCA
- Reference standards: CCA, SAE, DIN, EN, IEC, JIS, MCA, GB, BCI, CA
- Supported batteries: PB, WET, GEL, AGM, AGM FLAT, EFB, SLI
- Voltmeter: 9V-30V
- Cable length: 1800 mm
- Supported languages: Italian, English, French, German, Spanish, Polish, Dutch, Hungarian, Portuguese
- Included accessories: USB cable, 3 printer paper rolls

1498TB/12-24N	1 014980402
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## 1498TB/6-12

analogue battery tester, 6-12V

for testing 6V and 12V batteries up to 1000CCA



### READING TABLE TEST RESULTS:

OK (GREEN)

Battery capacity is OK. Battery may or may not be fully charged. Make sure it is completely recharged.

WEAK or BAD but needle remains in fixed position (YELLOW OR RED):

UNSATISFACTORY battery capacity. Battery may be faulty or not completely charged. If battery is not fully charged (100%) battery must be replaced.

WEAK or BAD but needle does not remain fixed in place - (YELLOW OR RED):

Battery may be faulty or to the ground. Replace battery.

L	L1	P	
mm	mm	mm	
290	170	75	1 014980420

## 1498ST/TB ROT

paper refill for tester 1498TB/12-24N



1498ST/TB ROT	2 014980411
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## 1498PC

voltage stabilizer, 12-24 V

Protects control units  
in welding and starting processes



1498PC 1 014980801

## 1499

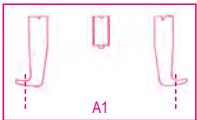
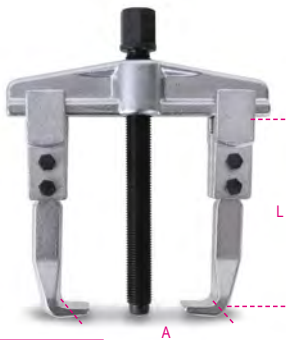
sonoscope probe



1499 1 014990001

## 1500/...

two-leg universal pullers



	L mm	
1500/1	100	1 015000301
1500/2	100	1 015000302
1500/3	150	1 015000303
1500/4	150	1 015000304
1500/5	205	1 015000305
1500/6	205	1 015000306
1500/7	205	1 015000307
1500/8	230	1 015000308

	A min+max mm	A1 min+max mm
1500/1	25÷80	70÷130
1500/2	25÷130	80÷180
1500/3	50÷160	105÷220
1500/4	60÷200	120÷270
1500/5	80÷250	160÷330
1500/6	80÷350	160÷420
1500/7	110÷520	195÷600
1500/8	170÷640	260÷715



1500/SP5 1 015000325  
1500/1-1500/2-1500/3  
1500/4-1500/5  
1500/SPV 1 015000001

## 1500G/...

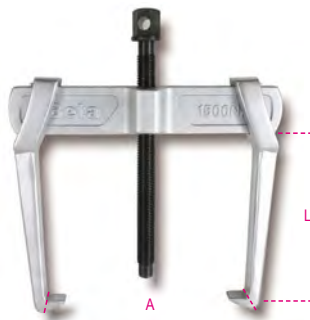
legs, pair, standard series,  
for items 1500 and 1580/8I



	±	fit	
mm	1500		
1500G/1	35	/1-2	1 015000311
1500G/3	35	/3-4	1 015000313
1500G/5	35	/5-6-7	1 015000315
1500G/8	50	/8	1 015000317
		1580/8I	

## 1500N/...

universal pullers with 2 sliding legs



	A min+max mm	L mm	
1500N0	18÷65	70	1 015000600
1500N1	23÷70	100	1 015000601
1500N2	23÷100	100	1 015000602
1500N3	35÷140	150	1 015000603
1500N4	35÷190	150	1 015000604
1500N5	43÷250	205	1 015000605
1500N6	43÷320	205	1 015000606



1500N/SP6 1 015000626  
1500N/0-1500N/1-1500N/2-1500N/3  
1500N/4-1500N/5  
1500N/SPV 1 015000006

## 1500N/G...

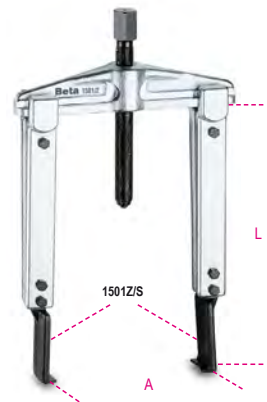
loose legs for pullers 1500N



	±	fit	
mm	1500N		
1500N/G0	10	/0	2 015000650
1500N/G1-2	12	/1-2	2 015000651
1500N/G3-4	17	/3-4	2 015000653
1500N/G5-6	23	/5-6	2 015000655

## 1501/1 - 2 - 3

thin leg pullers



	L mm	
1501/1	100	1 015010101
1501/2	200	1 015010102
1501/3	250	1 015010103

	A min+Max mm
1501/1	25÷130
1501/2	25÷130
1501/3	25÷130



### 1501G/1 - 2 - 3

legs for item 1501



	L mm		
1501G/1	100	1	015010111
1501G/2	200	1	015010112
1501G/3	250	1	015010113

### 1501Z/S - P - R

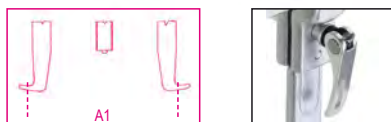
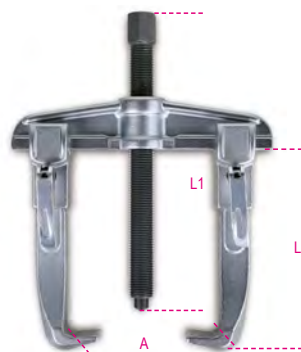
leg ends for item 1501G



	D mm	A mm		
1501ZS	2,0	27	2	015010211
1501ZP	3,6	27	2	015010212
1501ZR	3,6	14	2	015010213

### 1502/...

two-leg universal pullers  
with quick leg adjustment and closure



	L mm	L1 mm		
1502/0	100	166	1	015020000
1502/1	100	166	1	015020001
1502/2	150	247	1	015020002
1502/3	150	247	1	015020003
1502/4	200	321	1	015020004

	A min+Max mm	A1 min+Max mm
1502/0	40÷90	80÷130
1502/1	50÷130	90÷170
1502/2	65÷150	115÷210
1502/3	65÷190	125÷260
1502/4	70÷235	170÷335

### 1505V

windshield and rear window wiper  
arm remover

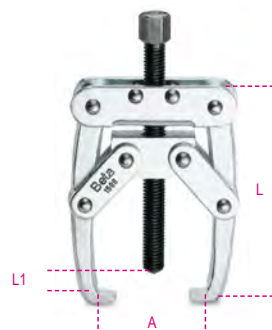
Removable perforated brass tip  
for arm removal, with built-in washer jet



	A Max mm	L mm		
1505V	43	37	1	015050001

### 1506

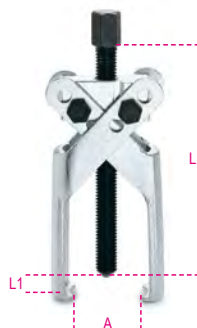
two-leg self-locking puller



	A min+Max mm	L mm	L1 mm		
1506	10÷50	80	40	1	015060001

### 1508/1 - 1508/2

two-leg pullers, light series



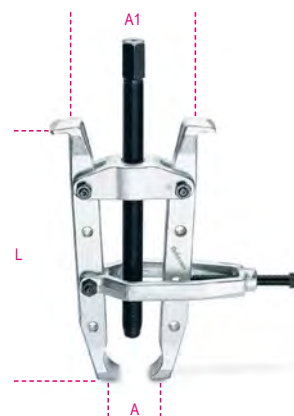
	L mm		
1508/1	105	1	015080001
1508/2	130	1	015080002

	A min+Max mm	L1 mm
1508/1	6÷100	85
1508/2	10÷140	120



### 1511/1 - 2 - 3

external pullers  
with two reversible legs



	L mm		
1511/1	235	1	015110001
1511/2	330	1	015110002
1511/3	405	1	015110003

	A min+Max mm	A1 min+Max mm
1511/1	20÷100	65÷95
1511/2	40÷150	103÷190
1511/3	40÷150	103÷175

### 1515/1 - 2 - 3

pullers with two floating legs



	L mm		
1515/1	85	1	015150101
1515/2	85	1	015150102
1515/3	105	1	015150103

	A Max mm	L1 mm
1515/1	60	105
1515/2	70	105
1515/3	90	105

## 1516/1 - 2 - 3

pullers with three floating legs



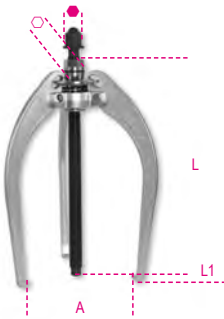
	L mm		
1516/1	85	1	015160001
1516/2	85	1	015160002
1516/3	105	1	015160003

	A Max mm	L1 mm
1516/1	60	85
1516/2	70	85
1516/3	90	105

## 1517

three-leg self-locking pullers

- For major pulling loads.
- Self-locking effect.



	L mm	L1 mm	Ø mm		
1517/90	182	60	22	1	015170000
1517/150	242	115	22	1	015170010
1517/200	307	150	22	1	015170020
1517/260	395	180	30	1	015170030

	● mm	A mm	Max kg	N
1517/90	19	18÷90	6000	59000
1517/150	19	25÷150	6000	59000
1517/200	19	40÷200	6000	59000
1517/260	27	50÷260	8000	78500

## 1517C

### TWO/THREE-LEG SELF-LOCKING PULLERS FOR EXTERNAL USE

Beta's puller 1517C relies on a leg self-locking mechanism triggered by the spring on the crosspiece. This feature makes it easy to position and lock the puller on the part to remove. After the puller has been fixed in place, the legs can be locked by means of the ring nut.

The peculiar crosspiece has 4 seats which allow the 1517C puller to be used with both 2 legs – for easier, quicker jobs – and 3 legs – for increased firmness.

The shear pin on the screw head breaks when the maximum permissible torque is exceeded, thereby protecting the puller from overloads.

## 1517C/...

combination two/three-leg self-locking pullers

- for 2- or 3-leg use
- self-locking effect



	L mm	L1 mm		
1517C/0	145	250	1	015170500
1517C/1	200	300	1	015170501
1517C/2	270	300	1	015170502

	A min+max mm	● mm
1517C/0	12÷140	18
1517C/1	20÷180	18
1517C/2	30÷280	18

## 1518/...

three-leg pullers



	L mm		
1518/1	105	1	015180001
1518/2	135	1	015180002
1518/3	235	1	015180003
1518/4	270	1	015180004
1518/5	270	1	015180005
1518/6	270	1	015180006

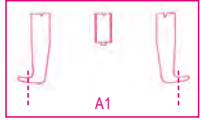
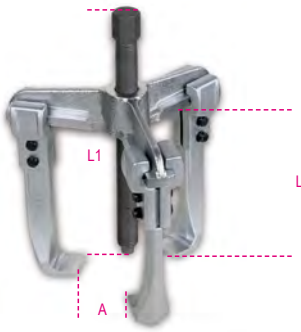
	A min+Max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	150
1518/3	40÷220	220
1518/4	80÷250	240
1518/5	80÷300	350
1518/6	80÷350	400



**Beta**

## 1518U/...

three-leg universal pullers

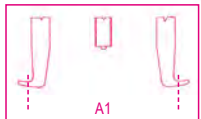
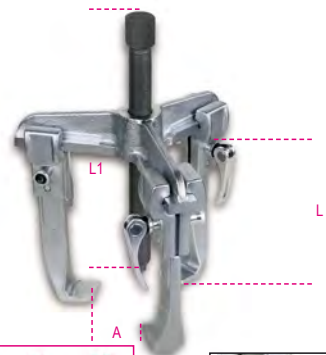


	L mm	L1 mm		
1518U/0	100	166	1	015180500
1518U/1	100	166	1	015180501
1518U/2	150	247	1	015180502
1518U/3	150	247	1	015180503
1518U/4	200	321	1	015180504

	A min+Max mm	A1 min+Max mm	● mm
1518U/0	40÷90	80÷130	17
1518U/1	50÷130	90÷170	17
1518U/2	65÷150	115÷210	22
1518U/3	65÷190	125÷260	22
1518U/4	70÷235	170÷335	27

## 1519/...

three-leg universal pullers  
with quick leg adjustment and closure



	L mm	L1 mm		
1519/0	100	166	1	015190000
1519/1	100	166	1	015190001
1519/2	150	247	1	015190002
1519/3	150	247	1	015190003

	A min+Max mm	A1 min+Max mm	● mm
1519/0	40÷90	80÷130	17
1519/1	50÷130	90÷170	17
1519/2	65÷150	115÷210	22
1519/3	65÷190	125÷260	22

## 1520/1 - 1520/2

pullers with two reversible legs



	L mm		
1520/1	135	1	015200101
1520/2	235	1	015200102

	A Max mm	L1 mm
1520/1	110	85
1520/2	160	140

## 1521/1 - 1521/2

pullers with three reversible legs



	L mm		
1521/1	135	1	015210101
1521/2	235	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

## 1528

self-locking puller  
for brake discs

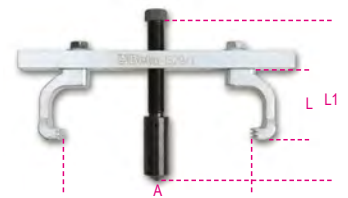


	A min+Max mm		
170÷380		1	015280000

480x240x60 mm - 4,8 kg

## 1529

multi-step cone pulley puller



A	L	L1		
min+Max mm	min+Max mm	min+Max mm	1	015290000
24÷240	60÷95	90÷135		

260x210x60 mm - 2,6 kg

## 1529PI

universal injection pump pulley puller

- Allows fuel injection pump pulley to be quickly and accurately removed.
  - Particularly suitable for Fiat, Ford, Volkswagen, Citroën and Peugeot vehicles.
- Includes 3 pairs of screws for tightening puller to pulley:  
M6 x 1.0 x 49 mm  
M7 x 1.0 x 75 mm  
M8 x 1.25 x 76 mm



1529PI	1	015290051
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## 1530/C5

wheel hub and bearing pulling kit,  
3, 4, 5 holes

- Kit contents:  
1 universal flange (96÷138 mm)  
1 hydraulic screw (12 t)  
1 hammer face (2.8 kg), required  
for hubs without central fixing bolts



1530/C5	1	015300300
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760x320x120 mm - 11,5 kg

## 1531/C7

removal kit for hub wheel bearing inner rings

included sizes:

- 1 pliers Ø 40÷45 mm
- 1 pliers Ø 45÷51 mm
- 1 pliers Ø 50÷55 mm
- 1 pliers Ø 55÷61 mm



1531/C7 1 015310107

390x315x96 mm - 4,3 kg

## 1532

packing and oil seal removal tool



1532 2 015320001

## 1533/...

pullers for separators 1534



L	mm		
1533/2	150	1	015330002
1533/3	210	1	015330003
1533/4	315	1	015330004
1533/5A	305	1	015330006

A	min+Max	L1
mm	mm	mm
1533/2	45÷140	110
1533/3	55÷205	175
1533/4	90÷260	175
1533/5A	100÷360	235

## 1533PR/1 - 2 - 3

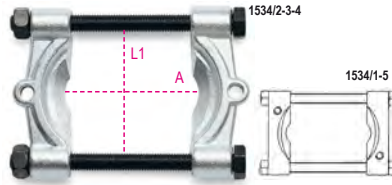
extensions for pullers 1533



1533PR/1	1	015330011
1533/2		
1533PR/2	1	015330012
1533/3		
1533PR/3	1	015330013
1533/4 - 1533/5A		

## 1534/...

separators



1534/1	1533/2	1	015340001
1534/2	1533/2	1	015340002
1534/3	1533/3	1	015340003
1534/4	1533/4	1	015340004
1534/5A	1533/5A	1	015340006

	A	L1
	min+Max	mm
	mm	mm
1534/1	5÷60	63
1534/2	12÷75	75
1534/3	22÷115	118
1534/4	25÷155	154
1534/5A	30÷220	180

## 1535/C...

puller kits



1535/C1 1 015350001

	1533/2
	1533PR/1
	1534/1

260x180x40 mm - 2,5 kg

1535/C2 1 015350002

	1533/2
	1533PR/1
	1534/2

260x180x40 mm - 2,8 kg

1535/C3 1 015350003

	1533/3
	1533PR/2
	1534/3

380x280x55 mm - 8,0 kg

1535/C4 1 015350004

	1533/4
	1533PR/3
	1534/4

420x380x65 mm - 14,8 kg

1535/C5A 1 015350006

	1533/5A
	1533PR/5A
	1534/5A

530x510x85 mm - 27,2 kg

## 1539

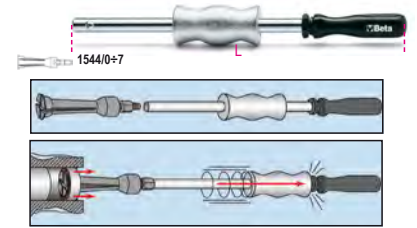
sheet sliding hammer



1539 1 015390001

## 1540

sliding hammer



1540 390 M10 0÷7 1 015400001

## 1542/1 - 1542/2

two-leg pullers for extractors

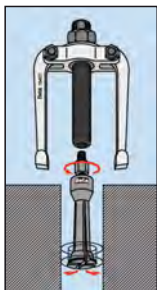


	A	min+Max	L1
	mm	mm	mm
1542/1	35÷75	0÷7	1 015420001
1542/2	60÷130	9C-10C	1 015420002

	L	L1
	mm	mm
1542/1	140	140
1542/2	175	160



## 1544/... internal extractors



	C mm	Ø		
1544/0	0,25	M10	1	015440100
A= 5÷7				
1544/A	0,80	M10	1	015440105
A= 7÷9				
1544/1	0,80	M10	1	015440110
A= 9÷12				
1544/2	1,15	M10	1	015440120
A= 13÷17				
1544/2B	1,00	M10	1	015440121
A= 14÷19				
1544/3	1,70	M10	1	015440130
A= 16÷21				
1544/4	1,65	M10	1	015440140
A= 20÷25				
1544/5	2,00	M10	1	015440150
A= 25÷30				
1544/6	3,00	M10	1	015440160
A= 30÷37				
1544/7	3,80	M10	1	015440170
A= 38÷45				
1544/9C	2,60	G 3/8"	1	015440189
A= 40÷75				
1544/10C	7,30	G 3/8"	1	015440199
A= 70÷115				

## 1545/C5M puller 1542/1 with 5 extractors 1544



1545/C5M 1 015450011

1542/1	● 24 mm
1544/1	9÷12 mm
1544/2	13÷17 mm
1544/3	16÷21 mm
1544/4	20÷25 mm
1544/5	25÷30 mm
265x180x45 mm - 2,4 kg	

## 1547/C6 dummy ball bearing extractors



1547/C6 1 015470006  
420x185x60 mm - 3 kg

## 1547KP set of 3 pairs of dummy ball terminals



	Ø mm		
1547KP/1	9-11-12,5	1	015470106
1547KP/2	5-6-8	1	015470206

## 1547P hexagonal extensions



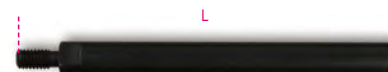
	L mm	fit		
1547P/1	205	1547/1	1	015470101
1547P/2	102	1547/2	1	015470201

## 1547PC/2 round extensions, short series



	L mm	fit		
1547PC/2	42	1547/2	1	015470202

## 1547PL/2 round extensions, long series



	L mm	fit		
1547PL/2	106	1547/2	1	015470203

## 1550U pneumatic shock absorber removal tool for cars, SUVs and commercial vehicles



### Features

- Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
- Spring compression stroke: 335 mm
- Upper universal hold system that allows all left/right-hand spring diameters to be compressed with one upper adaptable plate
- Active safety system on spring: safety hook and 3 locking valves allow spring to be properly positioned/seated, maintaining such position throughout compression
- If spring is not positioned properly, system will stop machine.
- Protective "Full Body" Grille: provides maximum safety and working area coverage
- Control Lever operation: increased accuracy and sensitivity during compression stage
- Working position: working height on rear fork raised up to 875 mm
- Supplied with 2 lower forks for diameters 78-205 mm

1550U 1 015500010

## 1550U/CGS-R

lowered upper jaws, pair, for item 1550U



1550U/CGS-R

1 015500035

## 1550U/MRC-ABE

special forks for item 1550U, specially designed for Mercedes A-B-E Class cars



1550U/MRC-ABE

1 015500031

## 1550U/MRC-C

special forks for item 1550U, specially designed for Mercedes C class cars



1550U/MRC-C

1 015500032

## 1550U/S...

lower fork for item 1550U



	∅ mm	
1550U/S 130	78÷130 mm	1 015500014
1550U/S 182	105÷182 mm	1 015500015
1550U/S 205	125÷205 mm	1 015500016

1 015500014  
1 015500015  
1 015500016

## 1550U/SS187

left-hand fork for item 1550U

Particularly suitable for left-hand springs, e.g. Nissan Qashqai and Renault Koleos



1550U/SS 187

1 015500018

## 1550U/M

vice for shock absorber removal tool item 1550U

Allows shock absorber stem to be locked



1550U/M

1 015500021

## 1551/C20

kit for removing shock absorber heads

Kit contents:

- 7 hexagon sockets, sizes: 16 - 17 - 18 - 19 - 21 - 22 - 24
- 1 socket extension, length: 120 mm
- 3 slotted female bits, sizes: 8x5 - 8x6 - 11x8
- 1 female hexagon bit, size: 10 mm
- 1 male XZN(R) bit, size: M10
- 1 male Torx(R) bit, size: T50
- 4 male hexagon bits, sizes: 5-6 - 7 - 8
- 1 bit holder extension, length: 95 mm
- 1 bit holder extension, length: 190 mm



∅ 8 - 21 mm

1551/C20

1 015510020

320x245x71 mm - 2,6 kg

## 1552/C9

kit for spreading shock absorber, wishbone and steering wheel joints apart

working with single or double retractor head also makes it possible to work on double joints, e.g. from VAG group



∅ 13 mm

1552/C9

1 015520020

195x140x40 mm - 1,0 kg

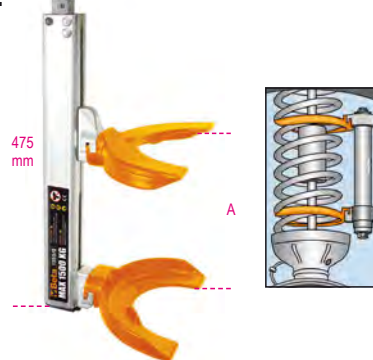


## 1555/Q

compressor for MacPherson and equivalent shock absorber springs

Maximum thrust: 1500 kg

CE □ 1/2



A min+Max mm	∅ min+Max mm
65÷354	80÷195

1 015550006

## 1555/QS

compressor for MacPherson and equivalent shock absorber springs

CE



A min+Max mm	∅ min+Max mm
70÷300	80÷200

1 015550005

## 1555S/BMW-RNT

fork for BMW E39, E46 and Renault Mégane II shock absorbers, for items 1555Q and 1555/QS



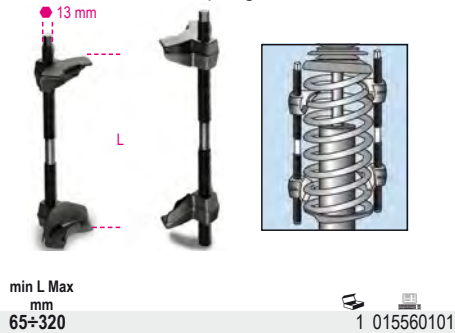
1555S/BMW-RNT

1 015550303



### 1556/1A

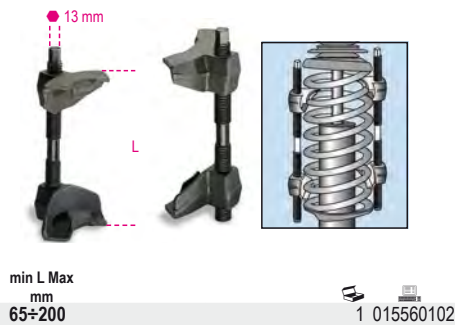
compressor  
for shock absorber springs



1 015560101

### 1556/2A

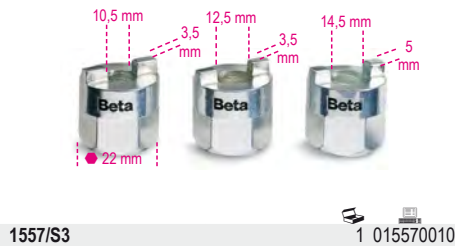
compressor for shock absorber springs



1 015560102

### 1557/S3

set of 3 sockets  
for shock absorber nuts



1 015570010

### 1558/C4

internal and external snap ring tool,  
screw-operated

square drive allows a high force to be applied  
in both operating conditions  
Supplied tips:  
Ø 2.5-3-3.5 mm



1 015580100

### 1558P

snap ring tips, pair,  
for item 1558



1 015580125  
1 015580130  
1 015580135

### 1558/C13

internal and external snap ring tool,  
screw-operated

square drive allows a high force to be applied  
in both operating conditions

supplied tips:  
• straight: Ø 2.5 - 3 - 3.5 - 3.8 mm  
• 45°: Ø 2.5 - 3 - 3.5 - 3.8 mm  
• 90°: Ø 2.5 - 3 - 3.5 - 3.8 mm



1 015580200

### 1559

ball joint puller, light series



1 015590001  
1 015590036  
1 015590045

### 1559V/8T

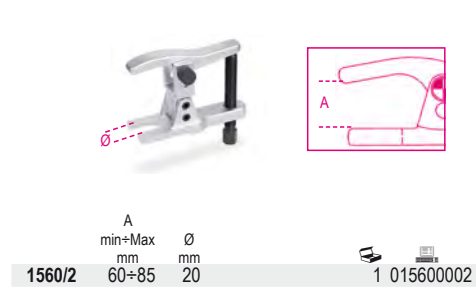
hydraulic screw for ball joint pullers 1559/36  
and 1559/45



1 015590145

### 1560/2

ball joint pullers, professional type



1 015600002

### 1560A

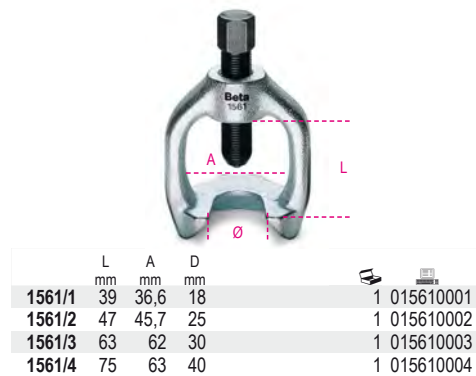
ball joint puller



1 015600601

### 1561/...

ball joint pullers



1 015610001  
1 015610002  
1 015610003  
1 015610004

### 1562D

ball joint puller

Supplied with 2 screws for pulling suspension and steering joints



1 015620239

## 1565/1 - 2 - 3

fork separators for ball joints



	D mm	L1 mm		
1565/1	18	65	1	015650001
1565/2	23	65	1	015650002
1565/3	30	88	1	015650003

## 1566N

tool for removing/installing steering arms



Ø x L mm	Ø mm	12"		
28÷35 x 400	27	12"	1	015660005
35÷45 x 400	27	12"	1	015660010

## 1566R

adjustable tool for removing/installing steering arms



Ø mm		
27÷43	1	015660015

## 1566/G01

homokinetic joint puller



L mm	A mm	Ø1 mm	Ø2 mm		
250	115	29	36	1	015660052

## 1566/VAG

kit of XZN® impact sockets  
for axle shaft screws of VAG Group vehicles

Sizes included in kit:  
• XZN® male impact socket M12 L 77 mm  
• XZN® male impact socket M12 L 120 mm



Ø	L1	L2		
M12	77	120	1	015660060

## 1567

lever for removing wishbone heads  
and shock absorbers from pillar

Can be used by one operator



A mm	B min=Max mm		
1060	100÷300	1	015670001

## 1568

pneumatic assembly tool  
for silicone axle shaft boots  
8 spreader arms  
maximum arm spreading: 145 mm



L mm	L1 mm		
420	195	1	015680001

## 1569/F

tool assortment for removing and inserting  
Fiat Panda, Fiat 500 and Ford Ka silentblocks



1569/F		
	1	015690021

## 1569/SB

assortment of tools for removing and installing  
rear axle silent blocks,  
driving shaft oil seals and wheel bearings

• bushings can be used both on vehicle and on hydraulic press



1569/SB		
	425x365x100 mm	- 13 kg
	1	015690016

## 1569/CP

striking tools  
for installing conical bearings and oil seals

Quick adjustment



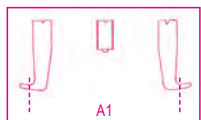
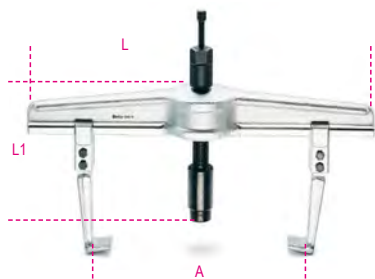
	Ø mm	L mm		
1569CP/50	9,5÷50	130	1	015690750
1569CP/90	18÷90	145	1	015690790

**1570/3**  
hydraulic presses for pullers



t	L	L1	mm	mm	mm		
30	243	36	19			1	015700003

**1580/8I**  
two-leg hydraulic puller



1580/8I			
	1	015800008	

	A	L	L1	A1	N
	min=Max	mm	mm	min=Max	Max
1580/8I	170÷640	715	280	260÷715	180000

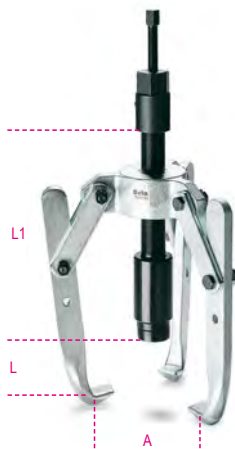
**1580GL**  
loose legs, long series, for pullers item 1580/8I



	L		
	mm		
1580GL/8A	300	1	015800227
1580GL/8B	400	1	015800228
1580GL/8C	500	1	015800229



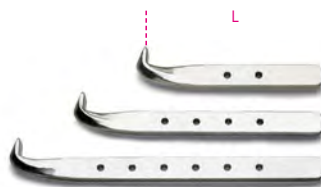
**1585/5I - 6I - 7I**  
three-leg pullers for hydraulic use



1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

	A	L1	L	N
	min=Max	mm	mm	Max
1585/5I	50÷350	135	280	150000
1585/6I	50÷350	235	280	150000
1585/7I	50÷350	335	280	150000

**1585GI/5 - 6 - 7**  
legs for hydraulic puller  
1585/I-1585/6I-1585/7I



	L		
	mm		
1585GI/5	135	1	015850205
1585GI/6	235	1	015850206
1585GI/7	335	1	015850207

**1589VI**  
hydraulic screw for pullers  
1580/8I and 1585/5I - 1585/6I - 1585/7I



1589VI	1	015890001
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**1589PI/50 - 100 - 150**  
extension sockets for hydraulic screw



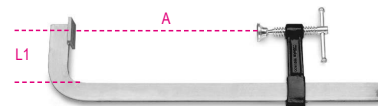
	L	L1		
	mm	mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

**1590**  
standard clamps



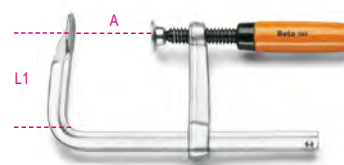
A max	L1		
mm	mm		
60	55	2	015900305
100	65	2	015900310
150	95	2	015900315

**1591**  
screw clamps



A	A max	L1		
~	mm	mm		
200	200	80	2	015910020
300	310	85	2	015910030
400	410	85	2	015910040
500	500	95	2	015910050
600	600	95	2	015910060
800	800	95	2	015910080
1000	1000	110	2	015910100

**1593**  
screw clamps



A	A max	L1		
~	mm	mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

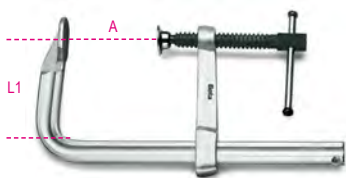
**1594**  
lever bar clamps



A	A max	L1		
~	mm	mm		
200	240	145	1	015940020
250	290	145	1	015940025
300	340	145	1	015940030
400	430	150	1	015940040
500	530	150	1	015940050
600	630	150	1	015940060

## 1595

screw clamps



A	A max	L		
mm	mm	mm		
200	230	100	2	015950020
250	270	120	2	015950025
300	330	120	2	015950030
400	420	120	2	015950040
500	520	125	2	015950050
600	620	125	2	015950060
800	820	125	1	015950080
1000	1030	125	1	015950100

## 1599F

parallel bench vices, forged

Fully steel cast. Milled and hardened jaw surface. Front opening. High clamping depth.

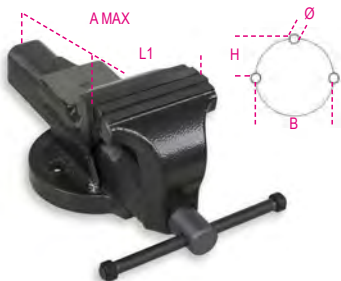


L1	BxH	Ø	A MAX		
mm	mm	mm	mm		
100	92x46	11	125	1	015990100
125	108x54	13	150	1	015990125
150	125x62	13	200	1	015990150
175	140x70	15	220	1	015990175

## 1599GI

parallel bench vices with interchangeable jaws

- with square guide for heavy-duty jobs
- interchangeable jaws with hardened surface



L1	BxH	Ø	A MAX		
mm	mm	mm	mm		
100	92x46	11	125	1	015990200
125	108x54	13	150	1	015990225
150	125x62	13	200	1	015990250
175	140x70	15	220	1	015990275

## 1599GR

pairs of jaws and spare screws for vices 1599GI

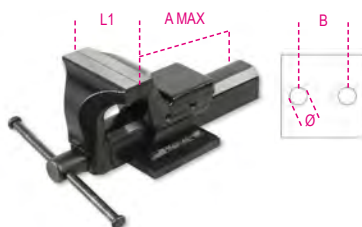


	A		
	mm		
1599GR 100	100	1	015990920
1599GR 125	125	1	015990925
1599GR 150	150	1	015990950
1599GR 175	175	1	015990975

## 1599P

parallel bench vices

Hardened jaws. Anvil with large lacquered surface. Square steel base.



L1	B	Ø	A MAX		
mm	mm	mm	mm		
100	92	11	111	1	015990000
125	108	13	130	1	015990025
150	130	15	170	1	015990050

## 1599B

revolving bases for vices item 1599P

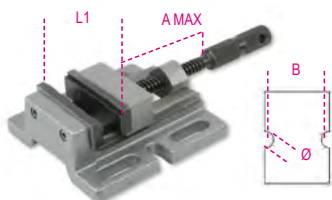


	1599P		
1599B 100	100	1	015990810
1599B 125	125	1	015990812
1599B 150	150	1	015990815

## 1599T

parallel drill vices

Special cast iron vices, with hardened and ground jaws. For use on small and medium size pillar drills

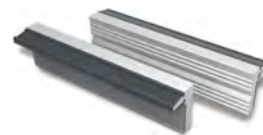


L1	B	Ø	A MAX		
mm	mm	mm	mm		
80	111	11	65	1	015990480
100	120	13	87	1	015990500

## 1599G

pairs of aluminium jaw covers

- magnetic throughout their length
- internally milled to lock threaded parts

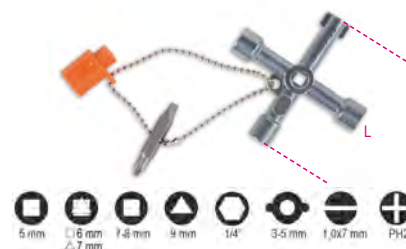


A		
mm		
100	1	015990910
125	1	015990912
150	1	015990915
180	1	015990917

## 1600Q 8

four-way wrench for control panel operators

square 5 / 6 / 7-8 mm  
triangle 7 / 9 mm  
flaps 3-5 mm  
hexagon 1/4"  
slotted head 1.0x7 mm + cross head PH2



L		
mm		
76	1	016000008

## 1600Q 10

eight-way wrench with articulated joint, for control panel operators

square 5 / 6-7 / 8-9 mm  
triangle 5-6-7 / 8-9 / 10 mm  
flaps 3-5 mm  
hexagon 1/4"  
male drive 1/4"



L		
mm		
125	1	016000010

# CERTIFICATION SERVICE FOR MEASURING INSTRUMENTS

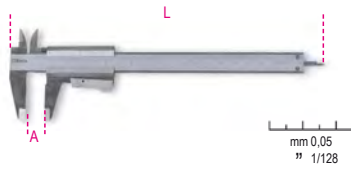
Certification of measuring instruments is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

Certification involves issuing an Accredia certificate:

**On request, Beta Utensili S.p.A. provides the certification service for Sliding Gauges, Digital Verniers, Dial Indicators, Micrometers and Feeler Gauges. To receive this service, please contact your dealer.**



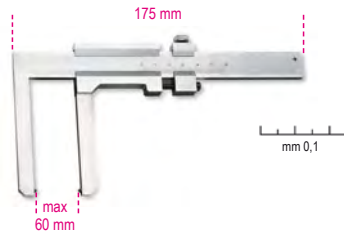
## 1650 sliding gauge reading to 0.05 mm



UNI EN ISO 13385-1DIN 862

A max mm	L mm		
150	235	1	016500001
200	290	1	016500002

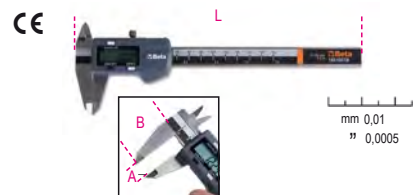
## 1650FD sliding gauge for brake discs reading to 0.1 mm



1650FD 1 016500050

## 1651DGTB digital vernier, reading to 0.01 mm

- Features:
- reading to 0.01 mm
  - screw slider locking
  - mm/inch conversion
  - zero setting at any position
  - square depth rod up to 300 mm
  - in hard plastic case



UNI EN ISO 13385-1DIN 862CE

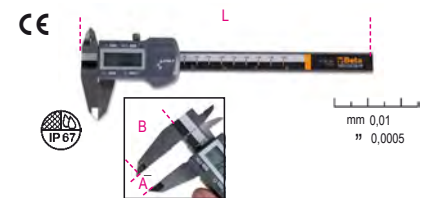
A Max mm	L mm	B mm		
150	235	40	1	016510211
200	285	50	1	016510212
300	400	60	1	016510213



## 1651DGTB/IP digital vernier, reading to 0.01 mm, degree of protection IP67

- reading to 0.01 mm
- screw slider locking
- mm/inch conversion
- automatic power on by moving the vernier along its rod
- zero setting at any position
- HOLD function
- absolute and incremental measurement modes

Degree of protection IP67 provides total protection against dust and liquids, maintaining the functional characteristics of the vernier, e.g. when it is totally immersed.



UNI EN ISO 13385-1 DIN 862CE

A Max mm	L mm	B mm		
150	235	40	1	016510711

270x115x35 mm - 450 g

## 1652 analogue vernier, analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652 1 016520016

## 1654 workshop verniers, reading to 0.02 mm



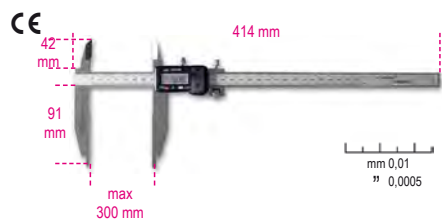
UNI EN ISO 13385-1DIN 862

A max mm	L mm		
200	330	1	016540020
300	410	1	016540030



## 1654DGT

digital vernier,  
reading to 0.01 mm  
reading to 0.0005"



UNI EN ISO 13385-1DIN 862CE

1654DGT

1 016540111

## 1656

depth gauge, reading to 0.02 mm

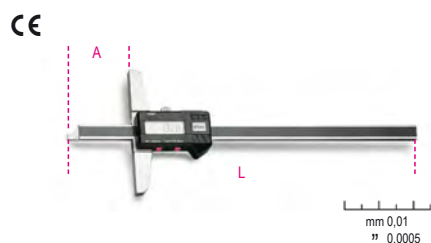


UNI EN ISO 13385-2DIN 862

A max mm	L mm	
200	260	1 016560020
300	360	1 016560030

## 1657DGT/2

digital depth gauge  
reading to 0.01 mm  
reading to 0,0005"



UNI EN ISO 13385-2DIN 862CE

A max mm	L mm	
200	270	1 016570002

## 1658/...

outside micrometers,  
reading to 0.01 mm



DIN 863/II

A mm	
1658/25	0÷25 1 016580025
1658/50	25÷50 1 016580050
1658/75	50÷75 1 016580075
1658/100	75÷100 1 016580100

## 1658/C4

assortment of 4 micrometers  
item 1658



DIN 863

1658/C4

1 016580001

1658/25	0÷25 mm
1658/50	25÷50 mm
1658/75	50÷75 mm
1658/100	75÷100 mm
365x245x35 mm - 2,5 kg	

## 1658DGTB

IP65 digital outside micrometers, reading to 0.001 mm

- reading to 0.001 mm
- hardened steel calipers
- lever slider locking
- mm/inch conversion
- zero setting at any position
- absolute and incremental measurement modes
- supplied with a calibration wrench



DIN 863CE

1658DGTB 25	1 016580525
1658DGTB 50	1 016580550

## 1658SP/1

base for micrometer



1658SP/1

1 016580910

## 1659

thickness gauge with dial indicator,  
reading to 0.01 mm

C=dial field



C mm	
1659	0÷10 1 016590001

## 1662/1 - 1662/2

dial indicator, reading to 0.01 mm

C=dial field



DIN 878

C mm	
1662/1	0÷5 1 016620001
1662/2	0÷10 1 016620010

## 1662DGT/A

digital dial indicator,  
reading to 0.01 mm  
C = Dial field



C mm	
1662DGT/A	0-12,5 1 016620311



## 1662AN

adjustable stylus dial indicator,  
reading to 0.01 mm

C=Dial field



DIN 2270

	C mm	
1662AN	0÷0,8	1 016620200

## 1662SP0

magnetic base



1662SP0

1 016620800

## 1662SP2

magnetic base, rotating



1662SP2

1 016620910

## 1666

precision squares  
made from stainless steel ground  
and lapped



DIN 875/0

L mm	L1 mm	
100	70	1 016660210
150	100	1 016660215
200	130	1 016660220
250	165	1 016660225
300	200	1 016660230

## 1666A

flanged precision squares  
made from stainless steel ground  
and lapped



DIN 875/0

L mm	L1 mm	
100	70	1 016660110
150	100	1 016660115
200	130	1 016660120
250	170	1 016660125
300	200	1 016660130

## 1668

squares  
made from normalized,  
ground steel



DIN 875/2

L mm	L1 mm	
100	70	2 016680210
150	100	2 016680215
200	130	2 016680220
250	165	1 016680225
300	174	1 016680230

## 1668A

flanged precision squares  
made from normalised, ground steel



DIN 875/2

L mm	L1 mm	
100	70	2 016680110
150	100	2 016680115
200	130	2 016680120
250	165	1 016680125
300	176	1 016680130

## 1670

squares  
made from ground steel



L mm	L1 mm	
100	70	3 016700010
150	100	3 016700015
200	130	3 016700020
250	160	3 016700025
300	175	3 016700030
400	230	2 016700040
500	280	2 016700050
600	330	2 016700060
800	395	1 016700080
1000	500	1 016700099

## 1670A

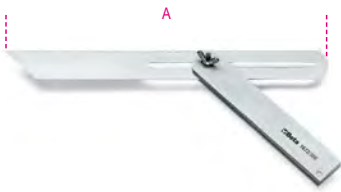
flanged precision squares  
made from ground steel



L mm	L1 mm	
100	70	3 016700110
150	100	3 016700115
200	130	3 016700120
250	165	3 016700125
300	175	3 016700130
400	230	2 016700140
500	280	2 016700150
600	330	2 016700160
800	420	1 016700180
1000	500	1 016700199

## 1672

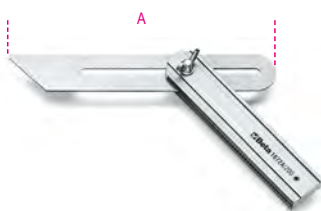
mitre square, adjustable sliding blade, base and blade made from steel



A mm		
300	2	016720030

## 1672A

mitre square, adjustable, sliding blade, aluminium base, blades made from chrome-plated steel



A mm		
200	3	016720120
300	3	016720130

## 1674A

carpenter's squares blades made from stainless steel, with aluminium bases, double metric scale



L mm	L1 mm		
300	169	2	016740130
400	214	2	016740140

## 1674C

carpenter's combination squares with steel blades and surface levels

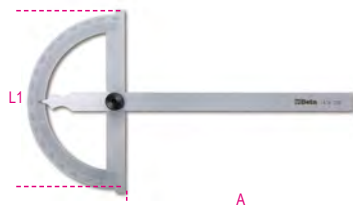
- Double mm scale
- Surface level



L mm		
300	2	016740230

## 1676

protractors made from stainless steel



A ~	A mm	L1 mm	G mm		
120	120	80	1°	2	016760012
150	165	120	1°	2	016760015
200	210	150	1°	2	016760020
300	310	200	1°	1	016760030

## 1678/C3

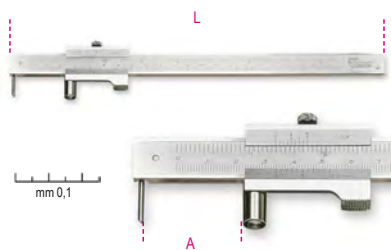
bevel protractor made from stainless steel



1678/C3	L Max mm	D mm		
	300	70	1	016780030

## 1679

universal gauge with contact-roll, made from stainless steel, reading to 0.1 mm



L mm	A Max mm		
235	200	1	016790020

## 1679/PR

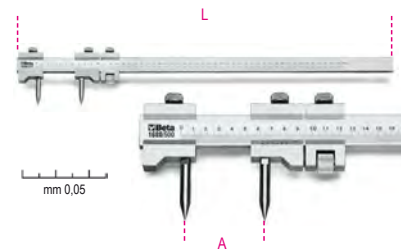
spare tip for universal gauge 1679



1679/PR		
	1	016790021

## 1680

trammels, hardened steel body and tips



L mm	A Max mm		
660	500	1	016800050

## 1680A

inside callipers



L mm	A Max mm		
150	144	2	016800115
200	200	2	016800120
250	245	1	016800125
300	300	1	016800130

## 1680B

outside callipers



L mm	A Max mm		
150	155	2	016800215
200	190	2	016800220
250	235	1	016800225
300	280	1	016800230

## 1680C

precision dividers, hardened steel straight tips

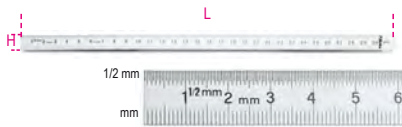


L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330



## 1682

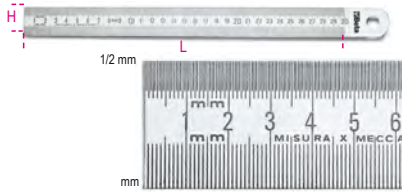
flexible graduated rules  
made from stainless steel



L mm	H mm	$\pm$ mm		
150	13	0,5	5	016820015
200	13	0,5	5	016820020
250	13	0,5	5	016820025
300	13	0,5	5	016820030
500	13	0,5	2	016820050
1000	13	0,5	2	016820100

## 1683

semi-rigid graduated rules  
made from stainless steel



L mm	H mm	$\pm$ mm		
300	30	1	5	016830030
500	30	1	2	016830050
1000	30	1	2	016830100
1500	30	1	1	016830150

## 1685/C7

assortment of 7 measuring and marking tools



1685/C7 1 016850110

	1650	160 mm
	1658/25	0÷25 mm
	1670	100 mm
	1680C	150 mm
	1682	150 mm
	1688BC	165 mm
	1688BC/R	

320x210x37 mm - 1,2 kg

## 1687A

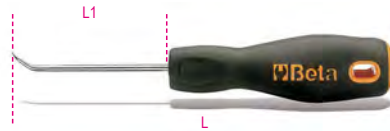
engineer's precision scribe,  
tip bent at 90°, with handle



1687A L mm 153 L1 mm 80 1 016870120

## 1687AC

engineer's precision scribe,  
short tip bent at 90°, with handle



1687AC L mm 153 L1 mm 80 1 016870125

## 1687D

engineer's precision scribe,  
straight tip, with handle



1687D L mm 153 L1 mm 80 1 016870110

## 1687U

engineer's precision scribe,  
hook tip, with handle



1687U L mm 153 L1 mm 80 1 016870115

## 1687/S4

set of 4 engineer's precision scribes,  
with handles



1687/S4 1 016870150  
1687A-1687AC  
1687D-1687U

## 1688

engineer's scribe  
made from hardened steel



1688 L mm 250 Ø mm 2 5 016880020

## 1688A

engineer's scribe  
made from hardened steel



1688A L mm 200 Ø mm 4 5 016880120

## 1688PC

engineer's scribe  
made of chrome-plated, hardened steel



1688PC L mm 150 Ø mm 1 1 016880300

## 1688PC/R

spare tip for item 1688PC



1688PC/R 1 016880310

## 1688M

carpenter's pencil



1688M L mm 180 50 016880880

## 1690F

folding ruler made of fibreglass  
precision class III



1690F/2 L m 2 S mm 17 5 016900220

## 1690L

folding ruler made of birch  
precision class III



1690L/2 L m 2 S mm 17 5 016900200

## 1691BM

measuring tapes  
shock-resistant bimaterial ABS casings,  
steel tapes,  
precision class: II

CE



	L m	S mm		
1691BM/5	5	25	1	016910205
1691BM/8	8	32	1	016910208
1691BM/10	10	32	1	016910210

## 1691MG

measuring tapes with fixed magnets,  
shock-resistant ABS casings,  
steel tapes,  
precision class: II

CE



	L m	S mm		
1691MG/5	5	25	1	016910405
1691MG/8	8	25	1	016910408
1691MG/10	10	25	1	016910410

## 1692

measuring tapes,  
shock-resistant bi-material ABS casings,  
steel tapes,  
precision class II

CE



	L m	S mm		
1692/2	2	16	5	016920052
1692/3	3	16	5	016920053
1692/5	5	19	5	016920055
1692/8	8	25	5	016920058

## 1693

laser distance meter,  
20 m

### MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

Auto off feature

Battery life: up to 4,000 measurements

CE  
IP54



### Technical Data:

- Measurement range: 0.05 + 20m (0.2ft+ 66ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Battery life: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693 20	100	36	23	1	016930020

## 1693L

laser distance meter, multipurpose,  
40 m,  
with positioning levels

### MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

### FUNCTIONS:

- addition/subtraction
- area measurement
- volume measurement
- variable indirect measurement (Pythagorean measurement)
- tilt measurement

auto power off

battery life: up to 5,000 measurements

soft cloth case (included)

CE  
IP54



### Technical data:

- Measurement range: 0.05 + 40 m (0.2in + 131ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693L 40	115	50	25	1	016930040

## 1693M

laser distance meter, multipurpose,  
80 m

### MEASUREMENTS:

- single distance measurement
- continuous measurement or minimal measurement

### FUNCTIONS:

- addition/subtraction
- area measurement
- volume measurement
- indirect measurement (Pythagorean measurement)
- tilt measurement

Auto off feature

Soft cloth case (included)

Battery life: up to 4,000 measurements

CE  
IP54



### Technical data:

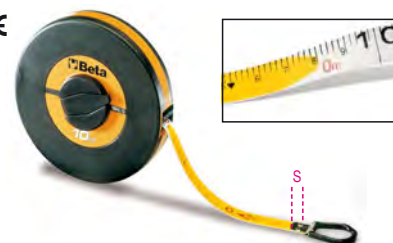
- Measurement range: 0.05 + 80 m (0.2 in + 229ft)
- Scale selection: m, in, ft
- Measurement accuracy: ±1.5 mm (± 0.06 in)
- Laser class: 2
- Max. storage: 99 units
- Batteries: AAA 2 x 1.5V

	H mm	L mm	S mm		
1693M 80	115	48	29	1	016930080

## 1694/L

measuring tapes shock-resistant  
ABS casings, PVC-coated fibreglass tapes,  
precision class III

CE



	L m	S mm		
1694L10	10	13	1	016940110
1694L20	20	13	1	016940120



### 1694A/L

measuring tapes with handles, shock-resistant ABS casings, PVC-coated fibreglass tapes, precision class III



	L m	S mm		
1694A/L30	30	13	1	016940230
1694A/L50	50	13	1	016940250

### 1694B/L

measuring tape with handle, aluminium casing, varnished steel tape, precision class II



	L m	S mm		
1694B/L50	50	12,5	1	016940350

### 1695XS

pocket spirit level with magnetic V-shaped base  
made from profiled aluminium  
2 unbreakable vials  
accuracy: 1mm/m



L mm	H mm	S mm		
70	48,5	20	5	016950250

### 1696

spirit levels made from anodized profile aluminium, with 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
200	50	19	2	016960002
400	50	19	2	016960004
500	50	19	2	016960005
600	50	19	2	016960006
800	50	19	2	016960008
1000	50	19	2	016960010

### 1696A

spirit levels made from die-cast aluminium, with 1 ground base and 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
300	43	23	2	016960103
400	43	23	2	016960104
500	43	23	2	016960105
600	43	23	2	016960106
1000	43	23	1	016960110

### 1696B

spirit levels with magnetic bases  
made from anodized profiled aluminium,  
2 unbreakable vials accuracy: 1 mm/m



L mm	H mm	S mm		
200	49	22	2	016960202
300	49	22	2	016960203
400	49	22	2	016960204
500	49	22	2	016960205
600	49	22	2	016960206

### 1696D

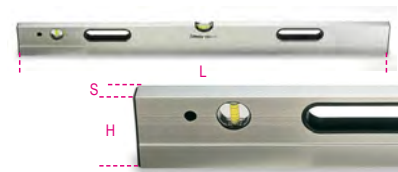
spirit levels made of die-cast aluminium with handles,  
4 ground bases and 3 unbreakable vials,  
accuracy: 1 mm/m



L mm	H mm	S mm		
300	47	25	2	016960353
400	47	25	2	016960354
500	47	25	2	016960355
600	47	25	2	016960356

### 1696S

levelling staffs made from aluminium, with 2 unbreakable vials



L mm	H mm	S mm		
1500	90	25	1	016960415
2000	90	25	1	016960420
2500	90	25	1	016960425
3000	90	25	1	016960430

### 1696T

spirit levels with magnetic base,  
made from profiled aluminium,  
with 3 unbreakable vials

- V-profiled base
- precision: 0.5 mm/m
- complete with vertical reading window



L mm	H mm	S mm		
600	66	28	2	016960506
800	66	28	2	016960508
1000	66	28	1	016960510
1200	66	28	1	016960512

## 1697

cross laser level,  
30 metres, green beam,  
with magnetic base and wall-mount bracket,  
in case

### TECHNICAL SPECIFICATIONS:

- self-levelling cross
- self-levelling function can be switched off for manual use
- laser diode 515 Nm, class 2
- working range: 30 m
- accuracy:  $\pm 1$  mm at 5 m
- self-levelling range:  $3^\circ \pm 0.5^\circ$

- body made of ABS and nonslip rubber
- 1/4" female drive
- 2xAAA batteries
- battery life: 4 hours

### BASE:

- 1 magnetic base for individual and combined use, 1/4" male drive
- 1 adjustable tightening bracket for several wood and metal profiles (for use in combination with magnetic base)
- quick horizontal and vertical alignment at a  $90^\circ$  angle

CE



IP55

H mm	L mm	S mm
82	57	89,5

320x230x90 mm

1 016970030

## 1699L

precision surface level made from  
die-cast iron with ground prismatic  
base, 2 unbreakable vials,  
accuracy: 0.05 mm/m



DIN 877

L mm	A mm
1699L 200	49

1 016990002

## 1699L/1

precision surface level made  
from die-cast iron with ground prismatic  
base, 2 unbreakable vials,  
accuracy: 0.02 mm/m



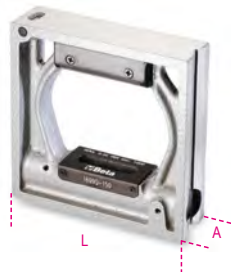
DIN 877

L mm	A mm
1699L/1 200	49

1 016990005

## 1699Q

precision square levels made from  
die-cast iron with 2 prismatic bases  
and 2 ground flat bases, 2 unbreakable vials,  
accuracy: 0.05 mm/m



DIN 877

L mm	A mm
150	40
200	48

 1 016990015  
 1 016990020

## 1700N

masonry points



L mm	S mm
250	16
300	16

 5 017000005  
 5 017000006

## 1700N/PM

masonry points  
with hand guards

L mm	S mm
250	16
300	16

 2 017000105  
 2 017000106

## 1701N

masonry chisels



L mm	A mm	S mm
250	23	16
300	23	16

 5 017010001  
 5 017010003

## 1701N/PM

masonry chisels  
with hand guards

L mm	A mm	S mm
250	23	16
300	23	16

 2 017010101  
 2 017010103

## 1701PMR

hand guards for items 1700N and 1701N



D mm	L mm
16	115

1 017010206

## 1701NE/...

electrician's chisels



	SxL mm
1701NE3	10x200
1701NE4	10x250

 5 017010406  
 5 017010409

## 1702N

extra-wide chisels



A mm	SxH mm
50	13x23
70	13x23

 2 017020005  
 2 017020007

## 1702N/PM

extra-wide chisels  
with hand guards

A mm	SxH mm
50	13x23
70	13x23

 2 017020105  
 2 017020107


We recommend frequent cooling  
of the tool while regrinding it.

## 1702PMR

hand guard for item 1702N

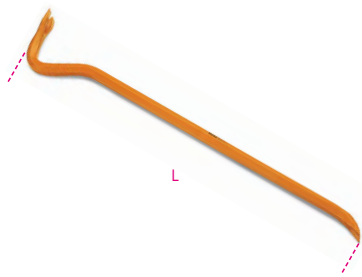


L mm
115

1 017020200

## 1704

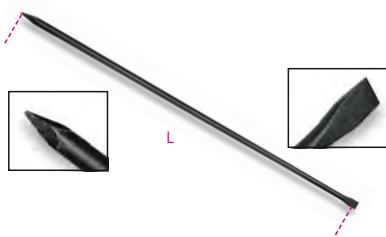
carpenter's wrenching bars, with bent edges



L mm	6 mm	mm	mm		
500	16	35	28	2	017040050
600	16	34	26	2	017040060
800	18	38	29	2	017040080

## 1704A

crow bars with hardened and tempered open and pointed edges



L mm	Ø mm	mm		
1500	25	45	1	017040110
2000	25	55	1	017040120

## 1704C

crow bars with closed and pointed edges



L mm	8 mm	min-MAX mm	mm		
1200	21-31	39	1	017040210	
1400	31-37	42	1	017040212	
1600	25-37	42	1	017040215	

## 1705

chalk line reel made from aluminium



L m			
1705	30	4	017050001

## 1705PT

chalk powder

- container with dispenser
- blue



g		
250	5	017050025

## 1706DGT

digital depth gauge for tyre threads



1706DGT	1	017060011
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## 1707

screw pitch gauge

For ISO 60° metric and Whitworth 55° threads



P (ISO)	W		
0,25÷6	62÷4x1"	5	017070001

## 1707A/1 - 2 - 3

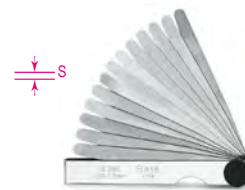
radius gauges,  
concave and convex steel blades



	R mm	L mm	n		
1707A/1	1,0÷7,0	70	34	2	017070007
1707A/2	7,5÷15	85	32	2	017070015
1707A/3	15,5÷25	85	30	2	017070025

## 1708/8 - 13 - 20

metric feeler gauges



1708/8	S = 0,05±0,50 mm	5	017080008
1708/13	S = 0,05±1,00 mm	5	017080013
1708/20	S = 0,05±1,00 mm	5	017080020

## 1709/10 - 1709/18

nut splitters



	L mm	A max mm		
1709/10	82,5	17 (M10)	1	017090010
1709/18	107,8	24 (M16)	1	017090018

## 1710

hydraulic nut splitters



A min mm	A max mm		
7 (M4)	22 (M14)	1	017100001

## 1712E/1 - 2 - 3

flexible magnetic pick up tools

F = magnetic power



	L mm	D mm	F kg		
1712E/1	420	7,5	0,5	2	017120011
1712E/2	530	15	1,8	2	017120012
1712E/3	532	19	3,0	2	017120013

## 1712TF

telescopic magnet with flexible head

- With washer jet cleaner
- F = magnetic force

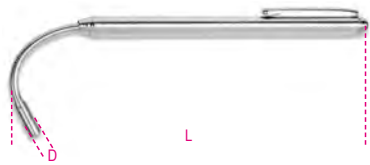


L mm	D mm	F kg		
150÷590	11	1	1	017120600

## 1712TFS

telescopic magnet with flexible head

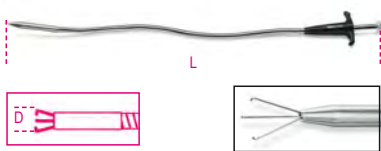
F= magnetic force



L	D	F	
mm	mm	kg	
135÷570	5	0,4	1 017120595

## 1713M

flexible pickup tools



L	D	
mm	mm	
500	7	2 017130011
1000	7	1 017130015

## 1713M/K7

kit of 7 inspection tools  
for parts with 1/4" hexagon drive

kit contents:

- 1 telescopic handle, length 185-660 mm
- 1 rectangular inspection mirror, 65x43 mm
- 1 round inspection mirror, Ø 52 mm
- 1 magnet, Ø 16.3 mm
- 1 ultra-bright LED light
- 1 flexible pickup tool (item 1713M)
- 1 magnetic tote tray made from stainless steel
- 3 LR44 cell batteries



1713M/K7	1 017130100
297x165x52 mm - 0,8 kg	

## 1714

inspection mirror made from plastic



L	D	
mm	mm	
174	25	5 017140001

## 1715

telescopic joint inspection mirror  
chrome-plated metal body



L	D	
mm	mm	
180÷540	30	1 017150001

## 1715FL/A

square flexible inspection mirror



L	A	B	
mm	mm	mm	
600	53	90	1 017150110

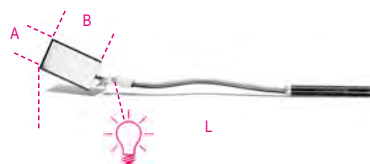
## 1715R/FL

kit of 2 inspection mirrors for items 1715FL/A  
and 1715FL/B

1715R/FL	1 017150151
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## 1715FL/B

rectangular flexible inspection mirror  
with light



L	A	B	
mm	mm	mm	
553	53	90	1 017150115

## 1715B/R5L

kit of 5 spare light bulbs for item 1715FL/B

1715B/R5L	1 017150152
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## 1715I

telescopic joint inspection mirror  
with 5x magnification function

- Nonslip PVC handle
- Inspection mirror and handle made from stainless steel

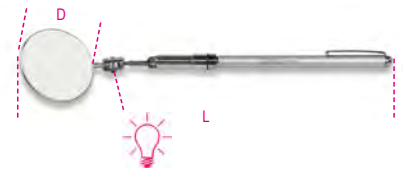


L	D	
mm	mm	
250÷720	55	1 017150020

## 1715L

telescopic joint inspection mirror with LED light

- Body made from stainless steel
- Pocket-size, with clip
- Supplied with 3 L736F-type batteries



L	D	
mm	mm	
265÷765	50	1 017150005

## 1716A

angled bit for general use



L	L1	■	
mm	mm	mm	
240	125	6	3 017160040

## 1716P

packing scraper



L	L1	●	
mm	mm	mm	
250	125	6	3 017160020

## 1716R

round bit reamer



L	L1	D	
mm	mm	mm	
215	100	6	5 017160001

## 1716U

hook bit for general use



L	L1	D	
mm	mm	mm	
195	80	6	3 017160025

**1717A**  
scrapers, two cutting edges



L mm	L1 mm	L2 mm	
150	70	260	2 017170015
250	100	360	2 017170025

**1717B**  
scrapers, three cutting edges



L mm	L1 mm	L2 mm	
150	75	260	2 017170115
200	85	310	2 017170120

**1717C**  
flat scrapers, varnished



L mm	S mm	L1 mm	
150	18	270	2 017170215
200	20	320	2 017170220
250	25	370	2 017170225

**1717D**  
flat scraper, front cut



L mm	S mm	L1 mm	
150	150	23 240	2 017170320



**1717T**  
triangular blade scrapers,  
complete with 2 blades



1717T	L mm	
	310	1 017170610

**1717T RT**  
spare triangular blades



1717T RT	L mm	
	65	1 017170660

**1717T RS**  
spare shaped blades



1717T RS		
		1 017170661

**1717V**  
paint scrapers,  
blades can be used on several sides



	L mm	A mm	
1717V 38	200	38	1 017170703
1717V 65	285	65	1 017170706

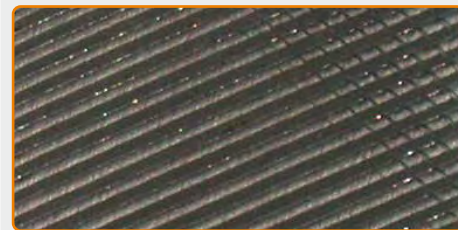
**1717V R**  
spare blades for item 1717V



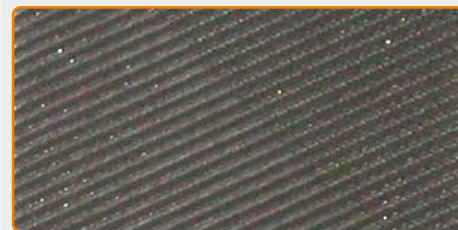
	L mm	
1717V R38	38	1 017170753
1717V R65	65	1 017170756

**CUTS OF  
ENGINEER'S FILES**

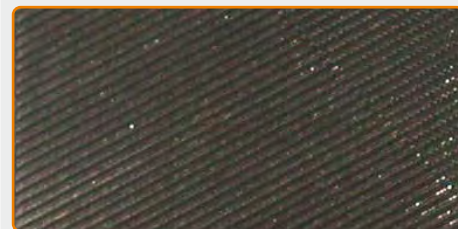
**Rough**



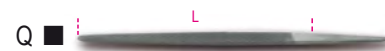
**Second-cut**



**Smooth**

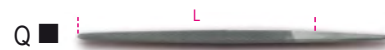


**1718D...Q**  
rough square files, without handles



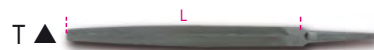
	L mm	L "	
1718D6/Q	150	6	5 017180121
1718D8/Q	200	8	5 017180131
1718D10/Q	250	10	5 017180141

**1718A...Q**  
second-cut square files, without handles



	L mm	L "	
1718A6/Q	150	6	5 017180021
1718A8/Q	200	8	5 017180031
1718A10/Q	250	10	5 017180041

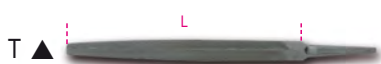
**1718D...T**  
rough triangular files, without handles



	L mm	L "	
1718D6/T	150	6	5 017180123
1718D8/T	200	8	5 017180133
1718D10/T	250	10	5 017180143

## 1718A...T

second-cut triangular files, without handles



	L mm	L "		
1718A6/T	150	6	5	017180023
1718A8/T	200	8	5	017180033
1718A10/T	250	10	5	017180043

## 1718D...P

rough flat files, without handles



	L mm	L "		
1718D6/P	150	6	5	017180125
1718D8/P	200	8	5	017180135
1718D10/P	250	10	5	017180145

## 1718A...P

second-cut flat files, without handles



	L mm	L "		
1718A6/P	150	6	5	017180025
1718A8/P	200	8	5	017180035
1718A10/P	250	10	5	017180045

## 1718D...M

rough half-round files, without handles



	L mm	L "		
1718D6/M	150	6	5	017180127
1718D8/M	200	8	5	017180137
1718D10/M	250	10	5	017180147

## 1718A...M

rough half-round files, without handles



	L mm	L "		
1718A6/M	150	6	5	017180027
1718A8/M	200	8	5	017180037
1718A10/M	250	10	5	017180047

## 1718D...R

rough round files, without handles



	L mm	L "		
1718D6/R	150	6	5	017180129
1718D8/R	200	8	5	017180139
1718D10/R	250	10	5	017180149

## 1718A...R

second-cut round files, without handles



	L mm	L "		
1718A6/R	150	6	5	017180029
1718A8/R	200	8	5	017180039
1718A10/R	250	10	5	017180049

## 1718D...S5

set of 5 rough files, without handles



■ Q  
▲ T  
▮ P  
▸ M  
● R

	L mm	L "		
1718D6/S5	150	6	1	017180130
1718D8/S5	200	8	1	017180140
1718D10/S5	250	10	1	017180150

## 1718A...S5

set of 5 second-cut files, without handles



■ Q  
▲ T  
▮ P  
▸ M  
● R

	L mm	L "		
1718A6/S5	150	6	1	017180030
1718A8/S5	200	8	1	017180040
1718A10/S5	250	10	1	017180050

## 1719BMD...Q

rough square files, with handles



	L mm	L "		
1719BMD6/Q	150	6	5	017190191
1719BMD8/Q	200	8	5	017190221
1719BMD10/Q	250	10	5	017190241
1719BMD12/Q	300	12	3	017190325

## 1719BMA...Q

second-cut square files, with handles



	L mm	L "		
1719BMA6/Q	150	6	5	017190021
1719BMA8/Q	200	8	5	017190052
1719BMA10/Q	250	10	5	017190071
1719BMA12/Q	300	12	3	017190311

## 1719BMX...Q

smooth square files, with handles



	L mm	L "		
1719BMX6/Q	150	6	5	017190022
1719BMX8/Q	200	8	5	017190053
1719BMX10/Q	250	10	5	017190072

## 1719BMD...T

rough triangular files, with handles



	L mm	L "		
1719BMD6/T	150	6	5	017190193
1719BMD8/T	200	8	5	017190223
1719BMD10/T	250	10	5	017190243
1719BMD12/T	300	12	3	017190326

## 1719BMA...T

second-cut triangular files, with handles



	L mm	L "		
1719BMA6/T	150	6	5	017190023
1719BMA8/T	200	8	5	017190054
1719BMA10/T	250	10	5	017190073
1719BMA12/T	300	12	3	017190313

## 1719BMX...T

smooth triangular files, with handles



	L mm	L "		
1719BMX6/T	150	6	5	017190024
1719BMX8/T	200	8	5	017190055
1719BMX10/T	250	10	5	017190074



## 1719BMD...P

rough flat files, with handles



	L mm	L "		
1719BMD6/P	150	6	5	017190195
1719BMD8/P	200	8	5	017190225
1719BMD10/P	250	10	5	017190245
1719BMD12/P	300	12	3	017190327

## 1719BMA...P

second-cut flat files, with handles



	L mm	L "		
1719BMA6/P	150	6	5	017190025
1719BMA8/P	200	8	5	017190056
1719BMA10/P	250	10	5	017190075
1719BMA12/P	300	12	3	017190315

## 1719BMX...P

smooth flat files, with handles



	L mm	L "		
1719BMX6/P	150	6	5	017190026
1719BMX8/P	200	8	5	017190057
1719BMX10/P	250	10	5	017190076

## 1719BMD...M

rough half-round files, with handles



	L mm	L "		
1719BMD6/M	150	6	5	017190197
1719BMD8/M	200	8	5	017190227
1719BMD10/M	250	10	5	017190247
1719BMD12/M	300	12	3	017190328

## 1719BMA...M

second-cut half-round files, with handles



	L mm	L "		
1719BMA6/M	150	6	5	017190027
1719BMA8/M	200	8	5	017190058
1719BMA10/M	250	10	5	017190077
1719BMA12/M	300	12	3	017190317

## 1719BMX...M

smooth half-round files, with handles



	L mm	L "		
1719BMX6/M	150	6	5	017190028
1719BMX8/M	200	8	5	017190059
1719BMX10/M	250	10	5	017190078

## 1719BMD...R

rough round files, with handles



	L mm	L "		
1719BMD6/R	150	6	5	017190199
1719BMD8/R	200	8	5	017190229
1719BMD10/R	250	10	5	017190249
1719BMD12/R	300	12	3	017190329

## 1719BMA...R

second-cut round files, with handles



	L mm	L "		
1719BMA6/R	150	6	5	017190029
1719BMA8/R	200	8	5	017190060
1719BMA10/R	250	10	5	017190079
1719BMA12/R	300	12	3	017190319

## 1719BMX...R

smooth round files, with handles



	L mm	L "		
1719BMX6/R	150	6	5	017190031
1719BMX8/R	200	8	5	017190061
1719BMX10/R	250	10	5	017190081

## 1719BMA...B5

set of 5 second-cut files, with handles, in wallet



	L mm	L "		
1719BMA8/B5	200	8	1	017190297
1719BMA10/B5	250	10	1	017190298

## 1719BMD...B5

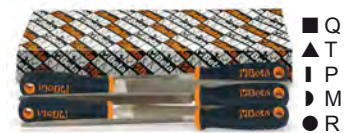
set of 5 rough files, with handles, in wallet



	L mm	L "		
1719BMD8/B5	200	8	1	017190303
1719BMD10/B5	250	10	1	017190305

## 1719BMD...S5

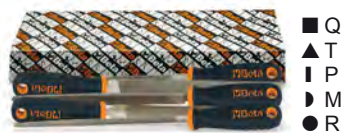
set of 5 rough files, with handles



	L mm	L "		
1719BMD6/S5	150	6	1	017190200
1719BMD8/S5	200	8	1	017190230
1719BMD10/S5	250	10	1	017190250
1719BMD12/S5	300	12	1	017190363

## 1719BMA...S5

set of 5 second-cut files, with handles



	L mm	L "		
1719BMA6/S5	150	6	1	017190030
1719BMA8/S5	200	8	1	017190070
1719BMA10/S5	250	10	1	017190080
1719BMA12/S5	300	12	1	017190361

## 1719BMX...S5

set of 5 smooth files, with handles



	L mm	L "		
1719BMX6/S5	150	6	1	017190032
1719BMX8/S5	200	8	1	017190069
1719BMX10/S5	250	10	1	017190082

## 1719BMB/P

universal cut flat files,  
plastic handles



L mm	L"	5	1
250	10	017190152	
300	12	017190153	

## 1719BMC

half-round and flat files,  
plastic handles



UNI 5569 - UNI 5568

	L mm	L"	6	4
1719BMC/M 250	250	10	017190252	
1719BMC/M 300	300	12	017190253	
1719BMC/P 250	250	10	017190262	
1719BMC/P 300	300	12	017190263	

## 1719BM/RL

flat rasp/file  
1 second-cut rasp side,  
1 rough file side  
plastic handle



	L mm	L"	5
1719BM/RL	200	8	017190360

## 1719BM/RR

round rasp,  
plastic handle



	L mm	L"	5
1719BM/RR	200	8	017190351

## 1719BM/RG

half-round cabinet rasp,  
plastic handle



	L mm	L"	5
1719BM/RG	200	8	017190353

## 1719BM/RP

flat rasp,  
plastic handle



	L mm	L"	5
1719BM/RP	200	8	017190352

## 1719BMR/B3

set of 3 second-cut rasps,  
with handles,  
in hanging wallet



	L mm	L"	1
1719BMR/B3	200	8	017190358

## 1719BMR

handles for files



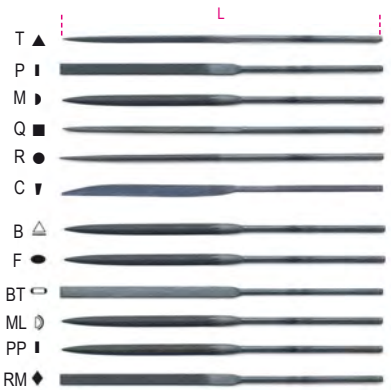
	L mm	A mm	10
1719BMR/0	95	25	017190950
1719BMR/0B	110	29	017190955
1719BMR/1	110	29	017190951
1719BMR/1B	110	29	017190953
1719BMR/2	123	31	017190952
1719BMR/2B	123	31	017190954

	mm	"	
1719BMR/0	100/150	4/6	▲▶
1719BMR/0B	100/150	6/8	●●
1719BMR/1	150/200	6/8	▲▶
1719BMR/1B	150/200	6/8	●●
1719BMR/2	250/300	10/12	▲▶
1719BMR/2B	250/300	10/12	●●



## 1720/...

second cut needle files,  
shaft Ø 3 mm



UNI 5569 UNI 5670

	L mm	5
1720T	160	017200004
1720P	160	017200006
1720M	160	017200008
1720Q	160	017200009
1720R	160	017200010
1720C	160	017200012
1720B	160	017200005
1720ML	160	017200007
1720BT	160	017200011
1720F	160	017200013
1720PP	160	017200014
1720RM	160	017200015



	1
1720/S3	017200000

## 1720/B

set of 6 needle files in plastic wallet



	1
1720/B6	017200002
1720/B12	017200003

## 1720D/...

diamond needle files  
grit D126



	L mm	2
1720D/T	160	017200104
1720D/P	160	017200106
1720D/M	160	017200108
1720D/Q	160	017200109
1720D/R	160	017200110
1720D/C	160	017200112



1720D/B6 1 017200120

### 1721/B6

set of 6 files for ignition contacts in plastic wallet



1721/B6 1 017210010

### 1723

spring puller



1723 L mm 210 5 017230001

### 1725

hacksaw frame



1725 L mm 420 L1 mm 300 4 017250001

### 1725CR

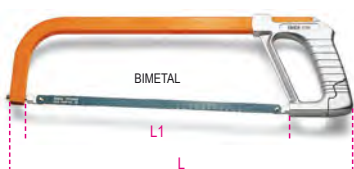
mini hacksaw frame



1725CR L mm 250 L1 mm 150 5 017250010

### 1726

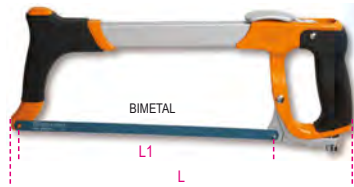
hacksaw frame, blade attachment system in the handle



1726 L mm 440 L1 mm 300 4 017260001

### 1726BM

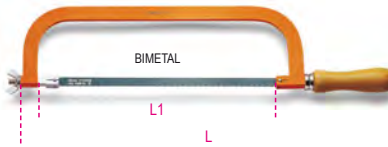
hacksaw frame with quick release blade attachment system



1726BM L mm 400 L1 mm 300 1 017260050

### 1727

hacksaw frame, heavy series



1727 L mm 515 L1 mm 300 4 017270001

### 1727BM

hacksaw frame, one hand grip



1727BM L mm 315 L1 mm 300 5 017270020

### 1728...

blades for hacksaw frames



1728LA 100 017280001  
 1725CR  
 1725MQ  
 1728BM 100 017280010  
 1725-1726  
 1727-1727M  
 1728CO 50 017280030  
 1725-1726  
 1727-1727M

### 1729CG

plasterboard saw



1729CG L mm 310 L1 mm 160 2 017290200

### 1729DM 450

wood rip saw

medium toothting, 12 teeth/inch



1729DM 450 L mm 450 L1 mm 400 4 017290450

### 1729J

Japanese saw, tensile shear

17 teeth per inch



1729J L mm 405 L1 mm 235 4 017290400

### 1729MF

multi-purpose saw

Kit contents:

- 24 TPI metal blade
- 6 TPI plasterboard blade
- double 11 TPI plastic and 16 TPI wood blade



1729MF 1 017290500

### 1729MF/CG

5 6 TPI plasterboard blades for multi-purpose saw 1729MF



1729MF/CG 4 017290502

### 1729MF/J

2 double 16 TPI wood and 11 TPI plastic blades for multi-purpose saw 1729MF



1729MF/J 4 017290501

## 1729MF/M

5 24 TPI metal blades for multi-purpose saw  
1729MF



1729MF/M 4 017290503

## 1730

universal spatulas, with stainless steel blades  
and handles



S mm	L mm	L1 mm	
38	210	85	2 017300038
63	220	95	2 017300063
75	220	95	2 017300075
100	220	95	2 017300100

## 1736A

file brush  
stainless steel wires,  
wire Ø: 0.5 mm



1736A L mm 240 10 017360010

## 1737

brush, corrugated brass wires,  
wire Ø: 0.2 mm



1737 L mm 145 10 017370001

## 1737NX

brake shoe cleaning brush, brassed steel  
wires,  
wire Ø: 0.3 mm



1737NX L mm 270 5 017370010

## 1737AC

steel wire brush,  
5 rows,  
wire Ø: 0.3 mm



1737AC L mm 275 5 017370020

## 1737B

pairs of vehicle battery lug  
and post cleaner steel brushes,  
steel wire  
wire Ø: 0.3 mm



1737B 1 017370050

## 1738

bristle brush



1738 L mm 210 H mm 30 10 017380001

## 1739C

lazy tongs riveter,  
supplied with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
stainless steel	•	•	•	•		

1739C L max mm 810 1 017390152



## 1740AN

heavy-duty riveting pliers,  
supplied with 5 interchangeable nozzles  
• complete with rivet tank



Ø mm	3,2	4	4,8	5	6	6,4
Aluminium	•	•	•	•	•	•
Stainless steel	•	•	•	•		

1740AN L mm 530 1 017400103

## 1740B

compact heavy-duty riveting pliers,  
supplied with 5 interchangeable nozzles

Features:  
• Ultracompact, extremely sturdy  
• 3 jaws: improved rivet grip  
• Safety nail container included



Ø mm	2,4	3	3,2	3,2	4,8
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1740B 280 L mm 280 1 017400280

Ø mm	2,4	3,2	4,0	4,8	6,4
aluminium	•	•	•	•	•
steel	•	•	•	•	•
stainless steel	•	•	•	•	•

1740B 330 L mm 330 1 017400330



## 1741

riveting pliers made from light alloy  
supplied with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
stainless steel	•	•	•		

1741 1 017410003

## 1741/C5

riveting pliers item 1741 with assortment  
of 700 aluminium rivets



1741/C5 1 017410035

	Ø mm	L mm	n.
1741RV2,9K	3,0	6	200
1741RV3,2K	3,2	8	200
1741RV3,8K	4,0	10	100
1741RV4K	4,0	12	100
1741RV4,8K	4,8	12	100

420x160x60 mm - 3150 g

## 1741P

heavy-duty riveting pliers  
supplied with 4 interchangeable nozzles



Ø mm	2,4	3,2	4	4,8	5
aluminium	•	•	•	•	•
Steel	•	•	•	•	•
stainless steel	•	•	•		

1741P 1 017410303

## 1741TR

riveting pliers with rotating head  
supplied with 4 interchangeable nozzles



Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
stainless steel	•	•	•		

1741TR 1 017410410

## 1741U

ultra compact riveting pliers with adjustable  
force  
with 4 interchangeable nozzles  
3 legs: enhanced rivet hold

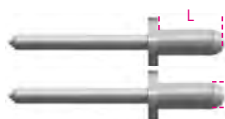


Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741U 1 017410450

## 1741RV...K

aluminium rivets



1741RV 2,9K ØxL = 3x6 mm	1 017410191
1741RV 3,2K ØxL = 3,2x8 mm	1 017410192
1741RV 3,8K ØxL = 4x10 mm	1 017410193
1741RV 4K ØxL = 4x12 mm	1 017410194
1741RV 4,8K ØxL = 4,8x12 mm	1 017410195

## 1742N

riveting pliers for threaded inserts,  
supplied with 4 interchangeable heads and 4  
pins (1x M3;M4;M5;M6)



1742N 1 017420002

	Ø mm	L mm
3	5	11
4	6	11
5	7	13
6	9	17

## 1742N/KR

kit of 4 spare pins for item 1742N



M3	1 017420063
M4	1 017420064
M5	1 017420065
M6	1 017420066

## 1742R-AL/M...

aluminium threaded rivets for items  
1742-1742A-1946KF



1742R-AL M3 ØxL = 5x10 mm M = 3	1 017420023
1742R-AL M4 ØxL = 6x12 mm M = 4	1 017420024
1742R-AL M5 ØxL = 7x13 mm M = 5	1 017420025
1742R-AL M6 ØxL = 9x15 mm M = 6	1 017420026



## 1742R-A/M...

steel threaded rivets for items  
1742-1742A-1946KF



1742R-A M3	1	017420013
ØxL = 5x11 mm M = 3		
1742R-A M4	1	017420014
ØxL = 6x11 mm M = 4		
1742R-A M5	1	017420015
ØxL = 7x13 mm M = 5		
1742R-A M6	1	017420016
ØxL = 9x17 mm M = 6		
1742R-A M8	1	017420018
ØxL = 11x17 mm M = 8		
1742R-A M10	1	017420020
ØxL = 13x24 mm M = 10		
1742R-A M12	1	017420022
ØxL = 12x24 mm M = 12		

## 1742N/C4

riveting pliers 1742N with assortment of 400  
steel threaded inserts



1742N/C4 1 017420006

	M	Ø mm	n.
1742R-A/M3	3	5	100
1742R-A/M4	4	6	100
1742R-A/M5	5	7	100
1742R-A/M6	6	9	100

415x155x60 mm - 2,9 kg

## 1742AN

heavy-duty riveting pliers for threaded inserts,  
supplied with 7 interchangeable nozzles



1742AN 1 017420101

M	Ø mm	L mm
3	5	13
4	6	13
5	7	13
6	9	17
8	11	17
10	13	24
12	15	24

## 1742AN/KR

kit of 4 spare pins for item 1742AN



1742AN/KR M3	M3	1	017420153
1742AN/KR M4	M4	1	017420154
1742AN/KR M5	M5	1	017420155
1742AN/KR M6	M6	1	017420156
1742AN/KR M8	M8	1	017420158
1742AN/KR M10	M10	1	017420160
1742AN/KR M12	M12	1	017420162

## 1742AN/C

heavy-duty riveting pliers 1742AN with  
assortment of 80 steel threaded inserts



1742AN/C 1 017420106

	M	Ø mm	n.
1742R-A/M3	3	5	5
1742R-A/M4	4	6	10
1742R-A/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10
1742R-A/M12	12	15	5

420x240x80 mm - 2,5 kg

## 1749

bonding gun varnished metal sheet



1749 2 017490001

## 1749A

bonding gun, professional model  
aluminium tube



1749A 1 017490010

## 1749A/RB

spare spouts for item 1749A

1749A/RB 1 017490051

## 1749A/RT

front screw plugs for item 1749A

1749A/RT 1 017490052

## 1749AC

high thrust gun for chemical binders



1749AC 1 017490005

## 1750

lever operated grease guns

Can be used with cartridges 1750CG or loose grease



1750 1 g, 550 bar Max  
1750 500 1 017500500  
1750 750 1 017500750

## 1750R/1 - 1750R/2

spare flexible hose made from nylon



	L mm		
1750R/1	310	2	017500030
1750R/2	410	2	017500040

## 1750RC

curved rigid hose



	L mm	M mm	
1750RC	150	10x1	2 017500050

## 1750RT

4-jaw grease fitting "Hydraulic" type



	M mm	
1750RT	10x1	5 017500110

## 1750RP/1 - 1750RP/2

heads for flat nozzles



	Ø mm	M mm	
1750RP/1	16	10x1	2 017500115
1750RP/2	22	10x1	2 017500120

## 1750PF

universal grease cartridges for item 1750

• Operating temperature: -20 °C ÷ +130 °C



g	
400	18 017500141
550	18 017500161

## 1750KG10

lever-operated grease gun, 10 kg,  
with high-pressure hose, 2 m

complete with swivel fitting, to avoid choking hose  
die-cast aluminium pump body with check valve

3 different pressure levels available:

- 4 g at 275 bar
- 7 g at 206 bar
- 9 g at 137 bar



1750KG10	1	017500100
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## 1750TA

high-pressure, self-locking 6-pin grease nozzle

Once positioned, it remains on axis and connected to nipple;  
it does not have to be held like common nozzles  
Easy to disconnect, even when with pressurized nozzle  
Thread M10x1: suitable for all types of grease guns: electric,  
pneumatic, manual etc.  
Deformation-free up to 550 bar



1750TA	1	017500111
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## 1750TLA

high-pressure, self-locking 6-pin grease  
nozzle, long version

- Once positioned, it remains on axis and connected to nipple
- Easy to disconnect, even with pressurized nozzle
- Thread M10x1: suitable for all types of grease guns: electric,  
pneumatic, manual etc.
- Deformation-free up to 550 bar



1750TLA	1	017500112
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## 1750M

mini grease gun

- With micro nozzle
- Particularly suitable for pneumatic tools



	cc	D mm	L mm	
1750M	100	43	145	1 017500025

## 1750M3

mini grease gun, with 3 nozzles

- fitted with three interchangeable nozzles: 0.7 - 1.0 - 1.4 mm
- particularly suitable for lubricating pneumatic tools
- can be used with loose grease
- suitable for use of grease up to grade NLGI 2



	cc	Ø mm	L mm	
1750M3	85	42	160	1 017500003

## 1751CR

metal pressure oil cans,  
rigid spouts



cc	D mm	L mm	
200	62	140	4 017510202
300	75	140	4 017510203
500	85	140	4 017510205
700	100	140	2 017510207
1000	100	140	2 017510210

## 1751N

metal pressure oil cans,  
flexible spouts



cc	D mm	L mm		
200	62	140	4	017510020
300	75	140	4	017510030
500	85	140	4	017510050
700	100	140	2	017510075
1000	100	140	2	017510100

## 1752

plastic pressure cans, rigid spouts



cc	D mm	L mm		
200	67	140	4	017520002
300	77	140	4	017520003
500	95	140	4	017520005

## 1754

plastic pressure oil cans flexible  
plastic spouts



cc	D mm	L mm		
150	60	130	5	017540015
250	65	130	5	017540025

## 1755C

plastic oil cans,  
curved spouts



cc	L mm	A mm		
125	110	46	5	017550112
250	110	60	5	017550125
500	110	74	4	017550150

## 1755P

plastic oil cans



	cc	L mm	A mm		
1755P 50	50	35	55	1	017550050
1755P 80	80	35	45	1	017550080

## 1756

pen oiler

suitable for use with mineral oils



cc	L mm		
5	140	2	017560001

## 1756B

pen oiler

- with non-slip knurl
- operating temperature: -10 °C - +60 °C
- minimum density of SAE 10 oil



cc	L mm		
500	280	2	017560220

## 1756V

Oil suction gun, 200 ml,  
made from polypropylene

- for transferring oil and brake fluid
- operating temperature: +0 °C ÷ +50 °C
- not suitable for fuel and flammable liquids
- usable minimum oil density: lower than SAE30

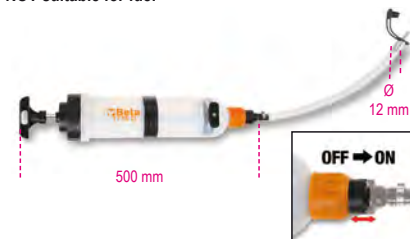


1756V	1	017560504
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## 1756D

suction gun, 1500 ml,  
made of polypropylene

- Double NBR gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel



1756D	1	017560515
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## 1756E

siphon syringe, compatible with petrol



1756E	1	017560610
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## 1756G

diesel oil gun  
capacity: 1.5 l

- Can be used to:
- fill diesel oil filters
  - fill Cerina tank



Kit contents:

- 2 pipes with female quick couplings for connecting diesel oil pipes
- 2 male quick couplings, made of metal
- 1 cone-shaped adapter for rubber pipes

1756G	1	017560615
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## 1756V-20R

O-rings (pair) for suction guns 1756V



1756V-20R 1 017560505

## 1756D-20R

O-rings (pair) for suction guns 1756D

1756D-20R 1 017560516

## 1757

battery fillers



cc	D mm		
250	60	4	017570002
500	75	4	017570004
1000	90	2	017570006

## 1757A

battery filler



cc 2000 1 017570020

## 1758

self-adapting funnel

particularly useful for cars with no depth in inlet plugs



1758 1 017580020

## 1758ADB-D

non-return funnel for AdBlue®, with straight coupling



1758 ADB-D 1 017580050

## 1758ADB-45°

non-return funnel for AdBlue®, with 45° coupling



1758 ADB-45 1 017580060

## 1758B

non-return funnel with quick couplings  
Particularly suitable for VAG cars



1758B 1 017580030

## 1758B-1,6

non-return funnel, 1600 ml, with quick couplings  
quick couplings for VAG group vehicles



	H1 mm	H2 mm	Ø mm		
1758B-1,6	125	100	155	1	017580033

## 1758B-RNT

non-return quick coupling for funnel item 1758B - 1758B-1,6

for Renault 1.5 dCi engine



1758B-RNT 1 017580035

## 1758B/K5

kit of non-return quick coupling adapters, for funnel 1758B - 1758B-1,6

Kit contents:

- 1 adapter for 1.5 dCi Renault, Dacia, Nissan engines
- 1 adapter for 1.5/1.6 dCi Renault, Dacia, Nissan engines
- 1 adapter for 3.0 BMW diesel engines
- 1 adapter for 1.5/2.0 petrol engines, VAG group
- 1 connecting adapter for funnel, with tap



1758B/K5 1 017580040

## 1758RD

coolant funnel with quick couplings



H	Ø		
mm	mm		
248	172	1	017580070

## 1758S

wall-mounted support for funnels 1758 and quick couplings



1758S	1	017580080
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## 1758LG

formable, rubber-covered aluminium foil, for canalizing liquids



L	H		
mm	mm		
365	168	1	017580006

## 1758M

funnel



1758M	L		
	mm		
	350	1	017580000

## 1758R

liquid containers

Convenient, removable, flexible spout



	lt		
1758R 1	1	1	017580201
1758R 2	2	1	017580202
1758R 3	3	1	017580203
1758R 5	5	1	017580205

## 1758VT

cylinder head testing kit

Quickly indicates whether expansion tank contains any carbon dioxide.



1758VT	1	017580100
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290x190x50 mm - 1kg

## 1758VT/L

contrast liquid for testing cylinder heads



1758VT/L	1	017580101
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## 1759

optical analyzer for coolant, battery, windscreen and AdBlue® fluids  
Supplied in a hard case

Automatic temperature compensation

Battery acid: measurement range:

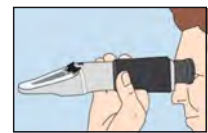
1.1+1.3 kg/l

Propylene coolant: -25 °C ÷ -50 °C

Ethylene coolant: -25 °C ÷ -50 °C

Windscreen fluid: -25 °C ÷ -40 °C

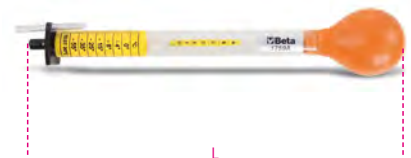
AdBlue: Urea percent measurement: 30% ÷ 45%



1759	1	017590251
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## 1759A

antifreeze densimeter, glass body



1759A	L		
	mm		
	340	1	017590001

## 1759B

acid densimeter, glass body



1759B	L		
	mm		
	280	1	017590005

## 1759HD/3

cooling system seal testing and circuit filling tools

- Make it possible to check circuit (pipes, joints, pumps, radiators) for leaks under pressure and quickly fill circuit, avoiding air bubble formation



1759HD/3

600x500x140 mm - 6,5 kg

1 017590063

## 1759LR

cooling system washing tool

based on the use of compressed air, high water pressure allows for effective cleaning system washing

- supplied with 6 system connection adapters
- operating lever with position locking for continuous use
- supplied with a water quick coupling



1759LR  
402 mm  
390X330X100

1 017590070

## 1759HD/RR

cooling system filling tool



1759HD/RR

450x310x110 mm - 2,2 kg

1 017590064

## 1759HD/TRUCK

truck cooling system testing and sealing tool



1759HD/TRUCK

440x330x100 mm - 3 kg

1 017590065

## 1759TT

kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



1759TT

400x160x100 mm - 1,8 kg

1 017590300

# CERTIFICATION SERVICE FOR ELECTRONIC INSTRUMENTS

Certification of such electronic measuring instruments as Multimeters, Amperometric Clamps, **Tachometers** and **Thermometers** is essential in the sectors or fields of application where precise, unambiguous, recognizable measurements are required.

For infrared thermometers, a 4-point calibration report (minimum, maximum and two intermediate points) with ENAC traceability is issued.

**On request, Beta Utensili S.p.A. provides the certification service. To receive this service, please contact your dealer.**



## 1760DGT

digital automotive multimeter

CE



195 mm

92 mm

### Technical Data:

#### • RPM (tachometer):

- For 2 and 4 cylinder engines
- RPM4 600 - 4000 RPM
- RPM4 600 - 12000 RPM (x10 RPM)
- RPM2/DIS 300 - 4000 RPM
- RPM2/DIS 300 - 6000 RPM (x10 RPM)
- **Dwell angle:** 4-8 CYL
- **DC voltage:** 400mV-4/40/400/1000V
- **AC voltage:** 4/40/400/700V
- **DC current:** 40/400mA-4/20A
- **AC current:** 40/400mA-4/20A
- **Resistance:** 400Ω-4/40/400kΩ-4/40MΩ
- **Capacity:** 40/400nF-4/40/100μF
- **Frequency:** 5/50/500Hz-50/500-10MHz
- **Duty cycle:** 0.1% - 99.9%
- **Pulse amplitude:** 1 - 10ms
- **Diode test:** Test current 0.3mA
- **Continuity:** <150Ω - Test current <0.3mA
- **Display:** High-contrast, backlight 4-digit LCD
- **Overvoltage:** Category II 1000V
- **Auto power off:** 30 minutes
- **Power supply:** 1 9V battery (included)
- **Inductive clamp (included)**
- **2 tips (included)**
- **Soft cloth case (included)**
- **Operating manual**

1760DGT 1 017600005



## 1760DGT/2

digital automotive multimeter, portable, with 2-channel oscilloscope and waveform generator

CE



40 mm

199 mm

98 mm

### Kit Contents:

- Multimeter tips
- 2 BNC crocodile clips for oscilloscope
- Tip probe for oscilloscope (1X and 10X)
- Battery charger
- Nylon sheath

### Technical data:

- Display: 2.8" colour TFT
- Resolution: 320 x 240 pixels
- Power supply: 100V-240V AC, 50Hz-60Hz; DC INPUT 5V DC-2A
- Battery: 2 x 2600 mAh
- Dimensions: 199 x 98 x 40 mm
- Weight: 624g

### Multimeter Specifications:

- Test: Voltage, Current, Resistance, Capacity, Diodes and On-Off
- Max. voltage: 600V AC-DC
- Max. current: 10AAC-DC
- Max. resistance: 40MOHM
- Max. capacity: 100uF

### Oscilloscope Specifications:

- Horizontal
- Bandwidth: 40MHz
- Sampling frequency range: 250MSa/s (single channel) - 125MSa/s (double channel)
- SEC/DIV range: 5ns/div ÷ 500s/div 1,2,5 sequence

### Vertical

- VOLTS/DIV range: 10mV/div÷10V/divat BNC input
- Selectable analogue, bandwidth limit, typical: 20MHz
- Low frequency response (-3db): ≤10Hz a BNC
- DC Gain Accuracy: ± 3% for Normal or Medium acquisition mode, 10V/div ÷ 10 mV/div

### Trigger

- Type: Edge
- Mode: Auto, Normal, Single
- Slope: Rising, Falling, Rising, & Falling
- Source: CH1, CH2

### Input

- Coupling: DC, AC or GND
- Supported probe attenuation factors: 1X, 10X, 100X, 1000X

### Arbitrary waveform generator

- Waveform frequency: Sine (1Hz÷25MHz), Square (1Hz÷10MHz), Ramp (1Hz÷1MHz), EXP (1Hz÷5MHz)
- Width: 2.5Vpp (50Ω) - 5Vpp (high impedance)
- Output impedance: 50Ω

1760DGT/2 1 017600008

## 1760B

digital multimeter

CE



### SPECIFICATIONS

- DC voltage: 200 mV-2/20/200/1000V
- AC voltage: 2-20/200/700V
- DC current: 2/20/200 mA-20 A
- AC current: 2/200 mA- 20 A
- Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ
- Capacity: 2/20/200 nF - 2/200 μF
- Temperature: -20° + 1000°C/ -4 °F ~ +2000°F
- Frequency: 20kHz
- Power supply: 1 9V battery (included)

1760B 1 017600012

## 17600HM/2

megohmmeter for high voltage insulating testing

### Features:

- Insulation test up to 100 GΩ with 1000V voltage
- Large direct reading display, backlight
- Water protection: IP67
- Rubber terminal base for enhanced operating comfort
- Double insulated terminals CAT IV 600V, CAT III 1000V
- Ideal for electric and hybrid cars

CE  
CAT. III  
600V



### Technical data:

- Measuring range
- Basic accuracy
- AC voltage: 10V - 600V ±(1.5% +5)
- DC voltage: 0V - ±600V ±(1.5% +5)
- Resistance: 0.01Ω - 200Ω ±(2% +5)
- Insulation test
- @1000V: 0.01 - 100GΩ ±(1.5% +5)
- Frequency: 1~1KHz ±(0.1% +3)

17600HM/2 195 94 54 1 017600027

## 1760/RMS

industrial digital multimeter  
accurate and sturdy, in a 6-mm co-moulded  
shell, with antislip, shockproof outer rubber  
part

EN61010-1  
EN61326-1



CE

### Technical Features:

Measuring range	Base accuracy
AC/DC voltage	110mV – 600V ±0.8% - ±2% rdg
AC/DC current	110µA – 10A ±1.5% - ±2% rdg
Resistance	110Ω – 40MΩ ±1.2% - ±2.5% rdg
Capacity	11nF – 40mF ±5% - ±10% rdg (up to 11mF)
Frequency	1100Hz – 110 MHz ±1.2% - ±1.5% rdg
Temperature	-32°C – +1000°C ±3% - ±5% rdg
Diode test, 3V DC	±10% rdg
Continuity test	<30 Ω -

1760/RMS

1 017600020

## 1760S

compact digital multimeter

TRUE RMS (effective value) reading



CE

### Measurable parameters:

DC voltage:	200 mV-2/20/200/600V
AC voltage:	100/600V
DC current:	200 mA-10 A
AC current:	0,01-10 A
Resistance:	200Ω - 2/20/200 kΩ - 2 MΩ
Diode test:	0.4 ÷ 0.7
Power supply:	2 1.5V batteries, type AAA

1760S

1 017600022

153x75x42 mm

## 1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current  
leakage or absorption values on vehicles



CE

- Range: 1mA-80A AC/DC
- Torch function with white LED
- Backlit LCD display
- Zero setting function
- Hold function
- Auto power off
- Power supply: 2 1.5V AAA-type batteries

1760PA/80

1 017600002

## 1760PA/AC

amperometric clamp and digital multi-meter

A: AC  
V: AC/DC

CE



### SPECIFICATIONS

DC voltage	400 mV - 4/40/400/600 V
AC voltage	400 mV - 4/40/400/600 V
AC current	40/400/1000 A
Resistance	400Ω - 4/40/400 kΩ - 4/40 MΩ
Frequency	5/50/500 Hz - 5/50/500 kHz - 5/10 MHz
Capacity	40/400 nF - 4/40/100 µF
Temperature	-20 °C ÷ 1000 °C / -4 °F ÷ 1832 °F
Power supply:	1 9V battery (included)

1760PA/AC

L  
mm  
190  
1 017600050

## 1760PA/AC-DC

amperometric clamp and digital multimeter

A: AC/DC  
V: AC/DC

CE



A: AC/DC  
V: AC/DC

### Specifications:

- DC voltage: 0.1mV ÷ 600V
- AC voltage: 0.1mV ÷ 600V
- AC current: 0.01A ÷ 1000A
- DC current: 0.01A ÷ 1000A
- Resistance: 0.1Ω ÷ 40MΩ
- Capacity: 0.001nF ÷ 40 µF
- Frequency: 0.001kHz ÷ 4kHz
- Temperature: -40°C ÷ 1000 °C  
-40°F ÷ 1832°F

1760PA/AC-DC

1 017600000

## 1760PA/AC-DC2000

amperometric clamp with digital multimeter  
and data connection

TRUE RMS function in AC range

A: AC/DC  
V: AC/DC

CE



### Measurable parameters:

- DC voltage: 0.1mV ÷ 1000V
- AC voltage: 0.1mV ÷ 1000V
- AC current: 0.01A ÷ 2000A
- DC current: 0.01A ÷ 2000A
- Resistance: 0.1Ω ÷ 60MΩ
- Capacity: 1nF ÷ 6000 µF
- Frequency: 10kHz ÷ 20kHz
- Temperature: -20 °C ÷ 1000 °C -4 °F ÷ 1832 °F
- Power supply: 3 1.5V batteries, type AA (included)
- Data connection (version 4.0)

H L P  
mm mm mm  
300 110 43  
380x280x100 mm - 1,78 kg

1 017600003

## 1760DGT-R3

spare leads for digital multimeters and amperometric clamps



1760DGT-R3

1 017600603

## 1760/RSE

signal detector

Allows power supply of parts to be tested, including common rail electro-injectors, petrol/LPG electro-injectors, piezoelectric injectors, flow regulating solenoid valves, EGR solenoid valves and coils



Performing diagnosis of individual parts of electric system only requires probe to be brought near part being tested. In systems with electromechanical/electronic parts controlled by a control unit, this tool makes it possible to check whether:

- Control unit is being supplied with power and is performing its control function
- Cables connecting control unit to part is efficient
- Part being tested has not being disconnected
- Part has not short-circuited
- Part is operating electronically

1760/RSE

1 017600170



# Beta



## 1760/TC2

combination contact/non-contact digital tachometer



### TECHNICAL DATA

- For measuring:
  - non-contact rotational speed (rpm)
  - contact rotational (rpm) and linear surface speed (m/min or ft/min).
- 5-digit LCD display.
- Scale:
  - non-contact speed 2.5+99,999 rpm
  - contact speed 0.5+19,999 rpm
  - linear surface speed 0.05+1,999.9 m/min.
- Frequency: 0.8 sec.
- Power supply: 4 1.5V batteries (included), AA size, or 6V power supply unit (not included).
- Supplied with the following:
  - adaptor for contact tip measurement;
  - male (contact) rubber tip (2 pcs.);
  - female (contact) rubber tip (1 pcs.);
  - linear measurement tape (1 pcs.);
  - reflecting tapes;
  - instruction manual;
  - plastic case.

1760/TC2 L 230 mm H 74 mm 1 017600161

## 1760R/TC2

set of reflecting tapes for item 1760/TC2



1760R/TC2

1 017600561

## 1760K

non-contact AC voltage detector with LED

mini-torch  
Testing range: 200-1000Vac 50/60Hz  
CAT III-1000V  
Requires 2 AAA batteries (included)



1760K

1 017600140

## 1760PT/N

voltage and continuity tester, 1000 V

self-test function: tool does not require high known voltage for calibration



### Features

- Voltage: 24+1000VAC / 6+1000VDC
- Bar voltage indicator: 6-12-24-50-120-230-400-690-1000
- Accuracy:  $\pm (3\% + 3)V$
- Response time: < 1s (09%)
- Maximum absorbed current @1000V: < 3,5mA
- Contact-free voltage detection: > 90VAC
- Phase rotation test: 100+1000VAC (50/60Hz)
- Phase angle:  $120^\circ \pm 5^\circ$
- Continuity test:  $0 \pm 1.3 M\Omega$
- Current (continuity test):  $\leq 5 \mu A$
- Pollution level:
- Power supply:

1760PT/N H 250 mm L 70 mm P 30 mm L1 850 mm 1 017600155

## 1760/IR500

digital infrared thermometer with dual laser aiming system

not suitable for measuring body temperature



### Technical Data:

- Temperature range:  $-50 + 500^\circ C$  ( $-22 + 932^\circ F$ )
- Display resolution:  $0.1^\circ C$  ( $0.1^\circ F$ )
- Emissivity:  $0.1 + 1$  adjustable
- Accuracy:  $-50^\circ C + 20^\circ C (+/- 3^\circ C)$ ;  $20 + 500^\circ C (+/- 2\%$  or  $2^\circ C)$
- Optical resolution (D:S): 12:1
- Auto power off: ca. 10 seconds
- Operating temperature:  $0^\circ C + 50^\circ C$
- Storage temperature:  $-20^\circ C + 60^\circ C$
- Power supply: 1 9V battery

1760/IR500

1 017600350

## 1760/IR1000

digital infrared thermometer with dual laser aiming system

not suitable for measuring body temperature



CE

### TECHNICAL DATA

Temperature range:  $-50\text{ }^{\circ}\text{C} \div +1000\text{ }^{\circ}\text{C}$  ( $-58\text{ }^{\circ}\text{F} \div +1832\text{ }^{\circ}\text{F}$ )  
Display resolution:  $0.1\text{ }^{\circ}\text{C}$  ( $0.1\text{ }^{\circ}\text{F}$ )  
Emissivity:  $0.1 \div 1$  adjustable  
Accuracy:  $-50\text{ }^{\circ}\text{C} \div +20\text{ }^{\circ}\text{C}$  ( $\pm 3.5\text{ }^{\circ}\text{C}$ );  $20\text{ }^{\circ}\text{C} \div +300\text{ }^{\circ}\text{C}$  ( $\pm 1\%$  or  $1\text{ }^{\circ}\text{C}$ );  $300\text{ }^{\circ}\text{C} \div +1000\text{ }^{\circ}\text{C}$  ( $\pm 1.5\%$ )  
Optical resolution (D:S): 20:1  
Operating temperature:  $0\text{ }^{\circ}\text{C} \div +50\text{ }^{\circ}\text{C}$   
Storage temperature:  $-10\text{ }^{\circ}\text{C} \div +60\text{ }^{\circ}\text{C}$   
Power supply: 2 1.5V (AAA type batteries)

1760/IR1000

1 017600400

## 1760/IR1600

digital infrared thermometer with laser aiming system

not suitable for measuring body temperature



CE

### TECHNICAL DATA

Range: da  $-50\text{ }^{\circ}\text{C}$  to  $+1600\text{ }^{\circ}\text{C}$  /  $-58\text{ }^{\circ}\text{F}$  to  $+2912\text{ }^{\circ}\text{F}$   
Scale selection:  $^{\circ}\text{C}/^{\circ}\text{F}$   
Accuracy:  $\pm 1.5\%$  or  $\pm 2\text{ }^{\circ}\text{C}$  to  $20\text{ }^{\circ}\text{C}$   
Laser power:  $<1\text{mW}$   
Response: 1sec  
Emissivity: 0.10-1.0 adjustable  
Distance ratio: (D:S) 50:1  
Operating temperature:  $0\text{ }^{\circ}\text{C} \div +50\text{ }^{\circ}\text{C}$  /  $32\text{ }^{\circ}\text{F} \div 122\text{ }^{\circ}\text{F}$   
Operating humidity: 10% to 90% RH  
Backlit LCD display  
Data storage function  
Auto power off  
Power supply: 1 9V battery (included)  
Hard case with aluminium tripod  
Operating manual

1760/IR1600

1 017600461

## 1760LX

portable digital lux meter

EN61010-1  
EN61326-1



CE

### Technical details:

Measurement range Basic accuracy  
Lux measuring range:  $0-200000 \pm 3\%$   
FC measuring range:  $0-20000 \pm 3\%$   
Power supply: 1 x 9V

1760LX

L  
mm  
165

1 017600820

## 1760TMC

infrared thermal camera

compact thermal camera for contactless temperature measurement, suitable for applications in building, mechanical, electric installation and heating industries

LCD TFT display, 2", 240x320  
sensor, 32x32 pixels  
acquisition frequency 7Hz  
thermal sensitivity  $<347\text{mK}$   
automatic acquisition of hot and cold spots  
camera for acquisition of images in BMP format (max. 100 images)  
adjustable emissivity  
power supply: 3 alkaline AAA batteries  
USB interface  
IP54  
temperature range:  $-20\text{ }^{\circ}\text{C} \div +600\text{ }^{\circ}\text{C}$   
infrared band:  $6.5\div 14\mu\text{m}$   
visible/infrared image fusion: 0.5; 1; 2m  
alarm function, selecting acceptable maximum and minimum temperatures



CE

1760TMC 600

1 017600710

## 1760WM

digital anemometer with fan sensor

EN61010-1  
EN61326-1



CE

### Technical details:

Measuring range Basic accuracy  
m/s air velocity range:  $0.4-30 \pm 2\%$   
k/h air velocity range:  $1.4-108 \pm 2\%$   
ft/m air velocity range:  $80-5900 \pm 2\%$   
mil/h air velocity range:  $0.8-58 \pm 2\%$   
CFM airflow range:  $0-99990 \pm 0.9-999\text{ ft}^2$   
CMM airflow range:  $0-99990 \pm 0.9-999\text{ m}^2$   
CMS airflow range:  $0-99990 \pm 0.9-999\text{ m}^2$

1760WM

L  
mm  
170

1 017600800

## 1761

wire twisting pliers with automatic return



1761

L  
mm  
255

1 017610101

## 1761RS/1

reversible wire twisting pliers with automatic return



1761RS/1

L  
mm  
220

1 017610130



## 1762

revolving punch pliers



Ø mm	L mm	
2-2,5-3	210	2 017620001
3,5-4-4,5		

## 1763

car upholstery clip pliers



1763	1 017630001
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## 1763G/S500

500 car upholstery clips



1763G/S500	1 017630105
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## 1764/K5

manual riveter for plastic rivets

supplied with rivets in 4 sizes

kit contents:

- 10 rivets Ø 5x17.2 mm
- 10 rivets Ø 5x15.8 mm
- 10 rivets Ø 6.3x25.2 mm
- 10 rivets Ø 6.6x17.2 mm



1764/K5	1 017640001
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## 1764/K5-R

pack of 20 plastic rivets  
for item 1764/K5



	mm	
1764/K5-R1	5X17,2	1 017640003
1764/K5-R2	5X15,8	1 017640004
1764/K5-R3	6,3X25,2	1 017640005
1764/K5-R4	6,6X17,2	1 017640006

## 1766

double suction lifter



max kg	2 017660001
50	

## 1766A

single suction cup



max kg	2 017660005
30	



## 1766/8

assortment of 8 tools  
for car glass windows



1766/8	1 017660100
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## 1766ER

window trim removal tool  
with handle

Allows window trims to be easily removed,  
with no risk of damage

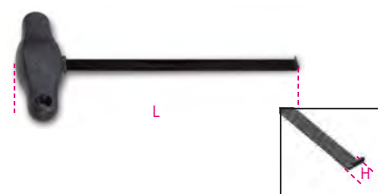


1766ER	1 017660501
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## 1766ER/VW

low-profile window trim removal tool

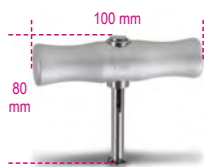
particularly suitable for VAG group window trims  
with reduced grip space



L mm	H mm	
215	4	1 017660510



**1766I**  
handle for steel cable item 1766G



1766I 2 017660020

**1766G**  
steel cable for car windows

Square section



50 m 1 017660025

**1766T**  
steel cable for glass windows

triangular section



50 m 1 017660026

**1767A**  
telescopic rod

- designed to support bonnets and tailgates with decompressed pistons.
- can be used to keep pedals from moving.



L mm 640 ÷ 1090 1 017670000

**1767B**  
pedal and steering wheel locking kit

the trigger adjustment mechanism ensures accurate settings when keeping the vehicle accelerated



1767B 1 017670100

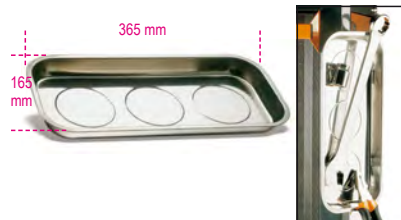
490x285x95 mm - 2,4 kg

**1767PMC**  
magnetic tool holder, round



1767PMC 1 017670020

**1767PMR**  
magnetic tool holder, rectangular



1767PMR 1 017670010

**1768**  
aluminium footboard

surface coated with non-slip material  
maximum carrying capacity: 200 kg



L mm 960 L1 mm 300 H mm 475 1 017680010

**1770**  
extra flat utility knife, 9 mm snap-off blade



1770 L mm 140 A mm 9 10 017700001

**1770A**  
utility knife 9 mm with automatic blade locking mechanism, 3 blades



1770A L mm 135 A mm 9 10 017700025

**1770RL**  
9 mm snap-off blades 10 pieces for utility knives 1770, 1770BM and 1770A



1770RL 5 017700010

**1771**  
utility knife, 18 mm, supplied with 3 blades



1771 10 017710000



### 1771BM

utility knife, 18 mm,  
6 spare blades



1771BM	L	A	10	017710050
	mm	mm		
	170	18		

### 1771HD

utility knife, 18 mm,  
supplied with 6 blades  
• automatic blade change  
• screw blade locking system



1771HD	L	A	5	017710100
	mm	mm		
	190	18		

### 1771RL

18 mm snap-off spare blades (10 pieces)  
for utility knives 1771, 1771BM, 1771HD



1771RL	5	017710010
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### 1772M

safety utility knife with retractable blade,  
supplied with 3 blades

blade retracts through an automatic spring mechanism  
• die-cast alloy body  
• staple remover built into handle



1772M	L	A	5	017720040
	mm	mm		
	170	18		

### 1772R

utility knife with retractable trapezoidal blade,  
supplied with 5 blades



1772R	L	A	5	017720006
	mm	mm		
	125	18		

### 1772H

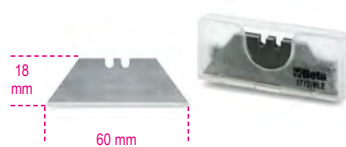
safety utility knife with retractable blade,  
supplied with 2 blades



1772H	L	A	5	017720029
	mm	mm		
	170	18		

### 1772RL/2

10 long trapezoidal spare blades, in box, for  
utility knives, 1772H, 1772M, 1772R,  
1774, 1777BMT, 1777T



1772RL/2	5	017720017
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### 1773A

utility knife, 25 mm



1773A	L	A	10	017730000
	mm	mm		
	180	25		

### 1773RL

25 mm blades (10 pieces)  
for utility knife 1773A



1773RL	5	017730015
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### 1773S

safety utility knife with round blade

• main blade Ø 28 mm  
• secondary blade for cutting films  
• hanging hook



1773S	L	A	1	017730100
	mm	mm		
	190	28		

### 1773S/RL

3 round blades, Ø 28 mm  
for utility knife 1773S



1773S/RL	5	017730110
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### 1773U

multi-purpose silicone tool

Contents:  
• 5 angled rubber tips  
• spare scraper blade

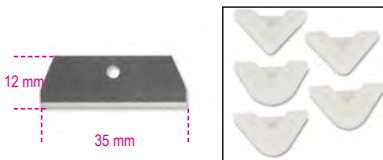


1773U	L	1	017730500
	mm		
min 190 - max 215			

### 1773U/R

spare kit for multi-purpose silicone tool 1773U

• 5 angled rubber tips  
• spare scraper blade



1773U/R	2	017730510
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### 1774

multi-function scraper with blade guard



1774	L	L1	5	017740001
	mm	mm		
	155	60		

### 1774A

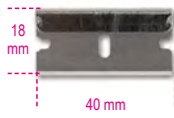
multifunction scraper,  
bi-material handle



1774A	L	A	1	017740011
	mm	mm		
	300	40		

### 1774A/RL

10 blades for scrapers 1774A and 1774S



1774A/RL 1 017740511

### 1774S

sticker removal scrapers



1774S A mm 40 L mm 100 2 017740021

### 1777BM

foldaway knife with wire stripping notch, stainless steel blade



1777BM L mm 190 L1 mm 80 A mm 16 5 017770100

### 1777T

foldaway knife with trapezoidal blade, aluminium handle, 5 spare blades



1777T L mm 160 A mm 19 L1 mm 65 5 017770030

### 1777BMT

foldaway knife with trapezoidal blade  
4 adjustable blade depths  
4; 9.5; 15.5; 21.5 mm  
supplied with 3 blades

NOT AVAILABLE IN UK, IRELAND, USA



1777BMT L mm 170 L1 mm 80 A mm 19 5 017770050

### 1778AN

foldaway knife,  
stainless steel blade,  
lightweight anodized aluminium handle  
• in case



1778AN L mm 204 A mm 26 L1 mm 84 5 017780065

### 1778AX

foldaway knife,  
stainless steel serrated blade,  
aluminium handle,  
serration pattern for easier opening  
• in case



1778AX L mm 189 A mm 26 L1 mm 80 5 017780026

### 1778BS

foldaway knife  
with double safety lock,  
stainless steel serrated blade,  
carbon look finish

• in wallet



L mm 200 A mm 29 L1 mm 85 10 017780035

### 1778CM

camouflage foldaway knife,  
hardened steel blade,  
in case



1778CM L mm 195 A mm 24 L1 mm 80 5 017780099

### 1778M7

foldaway knife,  
stainless steel mini blade,  
handle with fibreglass inserts  
• in case



1778M7 L mm 163 A mm 24 L1 mm 68 5 017780015

### 1778P

foldaway knife,  
stainless steel and aluminium blade and  
handle,  
with push button opening mechanism  
• in case



1778P L mm 193 A mm 29 L1 mm 72 5 017780088

### 1778SCL

foldaway knife with soft carbon look finish,  
hardened steel blade,  
in case



1778SCL L mm 180 A mm 22 L1 mm 78 5 017780089

### 1778SOS

car service knife  
with window breaking hammer  
and seat belt cutter features  
in case



1778SOS L mm 205 A mm 25 L1 mm 85 5 017780080

## 1778V18

foldaway knife,  
aluminium handle  
• in case



	L mm	A mm	L1 mm	
1778V18	195	25	85	5 017780018

## 1778X

knives for nautical maintenance, stainless steel blades, aluminium handles



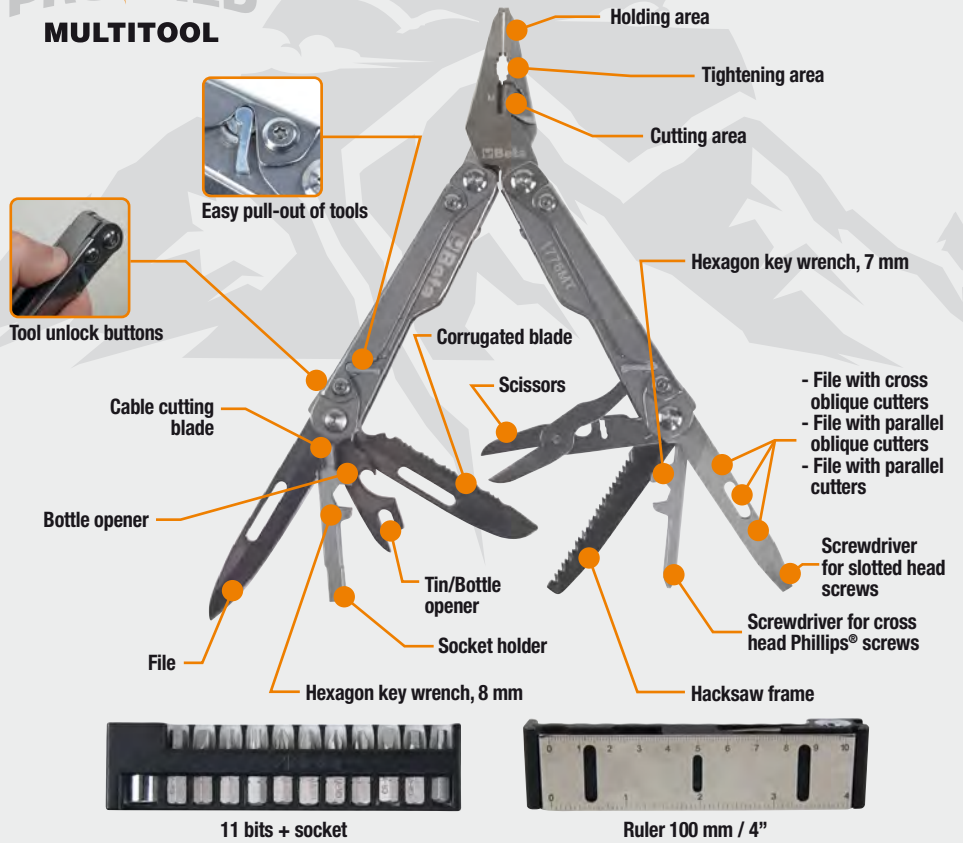
	L mm	L1 mm	S mm	
1778X	185	85	25	2 017780050

## 1778MT - MULTITOOL

BETA's multipurpose tool stands out from similar commercially available tools with BETA's typical hallmarks: pliers synonymous with matchless quality, sophisticated materials and state-of-the-art technology. The **11 bits**, which come in the most popular geometries in the market, make this item ideal for any work environments and conditions, e.g. camping, nautical industry, hunting and DIY.



### 22 FUNCTIONS



## 1778MT

multi-tools  
complete with bits and sheath  
9 tools  
22 functions



	L mm	L1 mm	
	180	115	1 017780055

## 1781

slim, long blade scissors



	L mm	
1781	132	2 017810001

## 1783

light duty scissors



	L mm	
	215	5 017830021
	240	5 017830024

# Beta

**1784**  
heavy duty scissors



L mm		
175	2	017840017
200	2	017840020
250	2	017840025
300	2	017840030

**1800/100**  
lifting airbags (max. lifting force: 100 kg)

- lifting/levelling
- locking doors



A mm	B mm	S mm	
160	150	2÷55	3 018000000



**LIGHTING**

The lighting family comprises a wide range of products designed to satisfy all users' requirements, ranging from inspecting small pipes to lighting large working areas.

**FLASHLIGHTS**

The new captivating design, the technical improvements and the large choice of sizes allow the most suitable flashlight to be selected on the basis of such criteria as brightness, battery life and performance.



**LAMPS AND SPOTLIGHTS**

Based on improved LED technology, longer battery life, shorter charging time, painstaking attention to materials and ongoing search for innovative solutions, Beta's work lamps mean an outstanding combination of design, functionality and performance.



A comprehensive range designed to allow professionals to work at their best, in any sector and under any condition.

**WIRELESS**

Beta's range of wireless lighting products comprises torches, lamps, headlamps and LED spotlights, which can be easily charged via one charging base. Hence, cables, which may prove troublesome during work, are not necessarily required. Wireless technology means one of the latest innovations in the work lighting industry. This ground-breaking system provides a convenient, modern solution, thereby catering to every professional's requirements. The wireless base with two charging positions can be hung to the wall, so that you can always have the lighting instruments required for your job within reach, and rely on simplified space organization. What is more, the pull-out support allows you to charge your mobile phone.

**CRI - Color Rendering Index**  
**CCT - Correlated Color Temperature**

SPOTLIGHTS							
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1837C/2100	500 - 1000 - 2100	Li-Ion 11.1V; 4400 mAh	4.0h	9 - 2.5h	IP65 - IK07	6500K	80+
1837C/4300	1100 - 2100 - 4300	Li-Ion 11.1V; 5200 mAh	4.0h	6 - 1.5h	IP65 - IK07	6500K	80+
1838FLASH	360 - 720	Li-Ion 7.4 V; 4000 mAh	4.0h	4 - 8h	IP65	6300K	-
1838POCKET	160 - 400 - 800	Li-Ion 3.7 V; 2600 mAh	4.0h	3 - 9h	IP65	6500K	80+

LAMPS							
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1838/11LED	320	Li-Ion 3.7V; 4200 mAh	4.0h	4h	IP65	6500K	
1838AM	60 - 700 120 (spot)	Li-Ion 3.7V; 2600 mAh	4.0h - USB-C	2.5 - 16h 10h (spot)	IP54 - IK07	6500K	80+ 70+
1838COMPACT	120 - 150 - 300	Li-Ion 3.7V; 1500 mAh	2.5h	7 - 6 - 3.5h	IP65 - IK07	6500K	80+
1838PN	120 - 175 - 350	Li-Ion 3.7V; 1600 mAh	3h	6 - 3h	IP65 - IK07	6000 - 6500K	80+
1838SLIM	100 - 200 180 (back) 80 (spot)	Li-Ion 3.7 V; 700 mAh	2.5h - USB-C	2 - 4h 2h (back) 3h (spot)	IP54 - IK07	6500K	80
1838SW	250 - 500 - 1000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 7h	IP65 - IK07	6500K	80+
1838E	500 - 1000 - 2000	Li-Ion 3.6V; 3350 mAh	4.5 - 6.5h	3 - 9h	IP20 - IK07	5500K	80+

HEADLAMPS							
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	CCT	CRI
1836B	125 - 250	Li-Ion 3.8V; 1600 mAh	3.0h	5h	IP65 - IK07	6000K	80+
1836AW	30 - 200 - 400	Li-Ion 3.7V; 1500 mAh	2.5h	4-18h	IP65 - IK07	6500K	80+

FLASH LIGHTS						
ITEM	LUMEN	BATTERY	RECHARGEABLE TIME	LIFE	IP/IK	LIGHTING RANGE
1833XS/1	100	1 x AAA	-	5h	IP66	85m
1833XS/2	200	2 x AAA	-	10h	IP66	112m
1833S	500	2 x AA	-	10h	IP66	140m
1833M	700	3 x AAA	-	7.5h	IP66	170m
1833L	1100	3 x AA	-	8.5h	IP66	330m
1833XSW	80 - 250	Li-Ion 3.7V 2600 mAh	2.0 h	2.0-8.0h	IP54 - IK07	50m
1833MW	5 - 30 - 400 - 1000	Li-Ion 3.7V; 2600 mAh	4.0 - 6.0 h	2.0- 200.0h	IP68 - IK07	150m
1833XL	1500	3xD	-	22h	IP66	290m
1837F/USB	600	Li-Ion 3.7 V; 2900 mAh	4.0h - USB-C	10h	IP66	280m

## 1833XS/1

LED inspection torch,  
made of sturdy anodized aluminium

- 100 lumens
- adjustable focus
- battery: 1xAAA (not included)
- IP66
- battery life: 5.0h
- lighting range: 85 m



L  
mm  
92  
3 018333000

## 1833XS/2

LED inspection torch,  
made of sturdy anodized aluminium

- 200 lumens
- adjustable focus
- batteries: 2xAAA (not included)
- IP66
- battery life: 10.0h
- lighting range: 112 m



L  
mm  
133  
3 018333001

## 1833XSW

LED inspection torch, wireless rechargeable

- Two brightness settings: LED SMD, 250 - 80 Lumen
- Rechargeable battery: 3.7V 700 mAh, 2.59 Wh Li-ion
- Two charging modes: wireless base 1839BRW power supply with USB-C port
- Charging time: 2h with wireless charging base 2h with power supply
- Battery life: 2-8h
- LED battery level indicator
- Magnets on base and back
- Belt clip
- IP54
- IK07
- USB-C cable included



L  
mm  
145  
1 0183330011

## 1833S

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 2xAA (not included)
- battery life: 10.0h
- IP66
- lighting range: 140 m



L  
mm  
150  
1 018333002

## 1833M

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 700 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAAA (not included)
- flat battery indicator (<15%)
- battery life: 7.5h
- IP66
- lighting range: 170 m



L  
mm  
162  
1 018333003

## 1833MW

high-brightness LED torch, wireless  
rechargeable

- Four brightness settings: LED SMD, 1000 - 400 - 30 - 5 Lumen
- Rechargeable battery: 3.7V 2600 mAh, 9.62 Wh Li-ion
- Two charging modes: wireless base 1839BRE power supply with USB-C port
- Charging time: 6h with wireless charging base 4h with power supply
- Battery life: 2-200h
- 3-LED battery level indicator
- Magnet on back
- IP68
- IK07
- USB-C cable included



L  
mm  
160  
1 0183330013

## 1833L

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 1,100 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xAA (not included)
- flat battery indicator (<15%)
- battery life: 8.5h
- IP66
- lighting range: 330m



L  
mm  
196  
1 018333004

## 1833XL

high-brightness LED torch,  
made of sturdy anodized aluminium,  
up to 1,500 lumens

- adjustable focus
- 2 brightness settings
- batteries: 3xD (not included)
- flat battery indicator (<15%)
- battery life: 22.0h
- IP66
- lighting range: 290 m



L  
mm  
300  
1 018333005

## 1836AW

rechargeable wireless LED headlamp,  
dual brightness

- dual light emission:  
front: 3 light intensities, LED COB, 30 - 200 - 400 lumens  
head (spotlight): LED COB, 400 lumens
- rechargeable battery: Li-Ion 3.7 V, 1500 mAh, 5.55 Wh
- USB-C port
- supplied with USB-C cable
- charging time:  
- 2.5 h with power supply  
- 4.5h with wireless charging base
- battery life:  
front: 4-18 h  
head (spotlight): 4 h
- IP 65
- IK 07






L  
mm  
1836AW  
1 018360051

## 1836B

rechargeable LED headlamp, dual brightness, with ON/OFF sensor

- contactless ON/OFF sensor
- complete with USB charging cable / mini jack + charger
- 250 lumens
- battery life: 3-6 h
- IP65






1836B    1 018360200

## 1837F/USB

rechargeable magnetic, articulated lamp with high-brightness LEDs, made of sturdy anodized aluminium, up to 600 lumens



- adjustable focus
- 2 brightness settings
- battery life: 10.0h
- flat battery indicator <15%
- charge with USB-C port
- complete with USB-C cable
- IP66



L    460 1 018370060

## 1837RB-F/USB

spare battery for item 1837F/USB

1837RB-F/USB   1 018370960






## 1838/11LED

rechargeable inspection lamp with ultra-high brightness LEDs, lithium polymer battery

- Compact body made of antislip rubber
- Easy-to-replace front glass
- Swinging hook
- With charging station, 110-230Vac
- 320 lumens
- With multidirectional head LED





1838/11LED  IP65   1 018380111

## 1838RA/10-11LED



spare power supplies for items and 1838/11LED

CE

1838RA/10-11LED   1 018380903



## 1838RB/10LED

spare battery for items 1838/11LED

1838RB/10LED   1 018380902

## 1838RR/11LED

charging bases for item 1838/11LED

1838RR/11LED   1 018380914

## 1838RV/11LED

spare scratch-proof glass for lamp 1838/11LED







1838RV/11LED   2 018380905

## 1838SW

Articulated LED inspection lamp, with dual light beam and wireless charging

- dual light emission: front: LED COB, 3 light intensities: 250 - 500 -1000 lumens spot (head): LED SMD, 200 lumens
- rechargeable 3.6V 3.350mAh Li-ion battery
- 2 charging modes: wireless 1839BRW base power supply with USB-C port
- charging time: 6.5h with wireless charging base 4.5h with power supply
- battery life: front: 1.3-5h spot (head): 7h
- 3-LED battery level indicator
- base can be rotated 180°
- nonslip rubber body
- double swinging hook
- 3 magnets on back
- 1 magnet on base
- IP65
- IK07
- supplied with a USB-C cable



1838SW     mm mm mm   1 018380142



## 1838AM

rechargeable LED inspection lamp, with double light emission, articulated, can be rotated 180°, with swivel magnetic base and hook

- double light emission: front: LED COB, 60-700 lumens, can be adjusted with potentiometer
- spot (head): LED SMD, 120 lumens, ON-OFF switch
- rechargeable 3.6V 2600mAh Li-ion battery
- with USB-C port
- supplied with 100-240V / 50-60Hz charger
- charging time: 4h
- battery life: front: 2.5-16h spot (head): 10h
- 3-LED battery level indicator
- articulated, can be rotated 180° (± 90° compared to axis)
- magnetic base (with neodymium magnet), can be rotated 90°
- swivel base hook
- IP54
- IK07

CE  
IP54  
IK07



	L	I	S	L1	
	mm	mm	mm	mm	
1838AM	405	40	45	175	1 018380400

## 1838COMPACT

rechargeable, compact LED lamp

- dual light emission: main and spot
- 3 light intensities: main COB LED 300 - 120 lumens spot SMD LED 150 lumens
- rechargeable battery: Li-Ion 3.7 V, 1500 mAh
- charging time: 2.5h
- battery life: main: 7/3.5h spot: 6h
- can be hung, with nonslip, shockproof rubber body
- hook can be rotated 360°
- magnetic base can be rotated 180°
- belt clip/pocket
- IP65
- IK07
- USB-C cable included

IP65  
IK07



1838COMPACT	120	1 018380011
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## 1838PN

rechargeable LED pen light

- dual light emission: main and spot
- 3 light intensities: main COB LED 350 - 175 lumens spot: SMD LED 120 lumens
- rechargeable battery: Li-Ion 3.7 V, 1600 mAh
- charging time: 2.5h
- battery life: main: 6/3h spot: 6h
- magnetic base
- belt clip/magnetic pocket
- IP65
- IK07
- USB-C cable included



IP65  
IK07

1838PN	175	1 018380008
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## 1838POCKET

adjustable articulated pocket LED lamp, with dual light beam, wireless rechargeable

- dual light emission: main light: LED COB, 3 light intensities: 160 - 400 - 800 lumens spot light: LED SMD, 250 lumens
- lighting angle: main light: 160° spot light: 18°
- rechargeable light 3.7V 2600mAh Li-ion
- 2 charging modes: wireless base 1839BRW power supply with USB-C port
- charging time: 4.5 h with wireless charging base 4 h with power supply
- battery life: main light: 3-9h spot light: 4.5 h
- 3-LED battery level indicator
- can be rotated 210°
- nonslip rubber body
- magnetic base
- 1 magnet on base
- IP65
- IK07
- complete with USB-C cable

IP65  
IK07



L	I	S	
mm	mm	mm	
98	82	39	1 018380080

## 1838FLASH

rechargeable, ultracompact spotlight, designed to offer the best possible solution for each use

- ABUNDANT READY LIGHTING: with a maximum lighting capacity of 720 lumens, and running on both battery and cable, it is always ready to use.
- CAN BE PLACED ANYWHERE:
- on flat surfaces: with rubber feet on three sides or 1/4" drive for stands (camera-like standard)
  - on metal structures: with unscrewable magnet or hook that can be rotated 360 degrees.
- COMPACT: no more than 85x100x155 mm in size, it can be easily replaced in tool bag and used in small areas.
- STURDY: designed to withstand extremely severe mechanical stress. Guaranteed durability.



IP65

1838FLASH	1 018380300
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## 1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH	1 018380930
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## 1838SLIM

rechargeable, articulated slim 3-LED inspection lamp

- triple light emission
- front: 100/200 lumens/ rear: 180 lumens/ spot (head): 80 lumens
- magnetic base
- charging time: 2.5h
- battery life: 2-4h/ spot 3h
- complete with USB-C cable

CE  
IP54



	L	I	S	
	mm	mm	mm	
1838SLIM	307	17	29	1 018380221



## 1837C

rechargeable LED spotlight for building yards

- 3 brightness settings
- battery charger: input: 100-240V AC - 50/60Hz; output: 15V 1.5A
- charging time: 4 hours
- 3-LED charge indicator
- can rotate up to 180°
- IP65
- IK07



IP65  
IK07

LxHxI mm	Lm	h	
220x225x70	2100	2.5	1 018370210
	1000	5.0	
	500	9.0	
266x236.6x59	4300	1.5	1 018370430
	2100	3.0	
	1100	6.0	

## 1837C/RA2100-4300

power supply for LED spotlights 1837C/2100-4300

1837C/RA2100-4300 1 018370970

## 1837S

telescoping tripod for worklight

- made of metal
- adjustable height: 70÷155 cm
- compatible with items 1837C and 1838FLASH



h  
cm  
70÷170 1 018370500

## 1838E

rechargeable under bonnet LED lamp

- triple light emission: 500/1000/2000 lumens
- can be rotated 360°
- length range: 116 ÷ 188 cm
- aluminium body
- nonslip rubber hooks
- USB-C charge
- 2 charging modes:  
charge via lamp USB port  
charge via internal battery USB port
- supplied with battery charger  
input: 100-240V ~ 50/60Hz  
output: DC 5V - 2000 mA



IP20  
IK07

L min mm	L max mm	I mm	
1170	1880	150	1 018380270

## 1838E-BT

rechargeable battery with USB-C port for under bonnet lamp item 1838E

- Li-Ion 3,6V
- DC 5V - 2000 mA

CE

1838E-BT 1 018380271

## 1839BRW

wireless charging base, compatible with 1838POCKET, 1838SW inspection lamps

- two charging positions with magnetic connection, for simultaneous use
- with pull-out support for wireless mobile phone charging
- charging status LED indicator
- max. input: 10W x2
- input: AC 100-240V 50/60Hz
- output: DC 12V 1.5A  
DC 9V 2A  
DC 5V 3A
- USB-C port
- can be hung on wall through: 3 strong magnets on back  
2 screw holes

• IP20  
• IK07



L I S  
mm mm mm  
1839BRW 101 290 28 1 018390002

## 1839/R5

USB-C QC 3.0 cable, replacement for items 1838POCKET, 1839BRW

1839/R5 1 018390505

## 1839/R6

USB Q C3.0 quick charge transformer, replacement for 1838POCKET, 1839BRW

1839/R6 1 018390506

## 1839/R1

transformer with USB output, spare part for items 1833L/USB, 1836B, 1837F/USB, 1838COB, 1838P, 1838S, 1838SLIM, 1838UV, 1838AM, 1838E, 1838COMPACT, 1838PN

CE

1839/R1 1 018390501

## 1839/R2

USB/jack cable 3.5 mm, spare part for items 1836B; 1838P; 1838COB; 1838UV

1839/R2 1 018390502

## 1839/R4

USB/USB-C cable, spare part for items 1833L/USB, 1833F/USB, 1838SLIM, 1838S, 1838AM, 1838E, 1838COMPACT, 1838PN

1839/R4 1 018390504



## 1842LED/BM

lamp with ultra-high brightness LEDs, 100-240 Vac

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 340 lumens
- with multi-directional head LED light

CE



IP65

1842LED/BM L mm 230 1 018420301

## 1842LED/ABM

lamp with ultra-high brightness LEDs, 12-24V AC/DC

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 320 lumens
- with multi-directional head LED light

CE



IP65

1842LED/ABM L mm 230 1 018420311



## REELS



Beta's varied, comprehensive range of reels has been designed and developed with a view to satisfying all professionals' requirements.

- The range of cable reels comprises numerous lengths and types of cables, versions with LED lamps and with SCHUKO sockets and plugs.
- The range of hose reels comprises hoses 8 mm and 10 mm in diameter.

High-resistance spring ensuring remarkable durability and unparalleled smoothness. Drums made of thick polypropylene, for unique shock resistance.

Rack device causing automatic cable rewind to stop, easy to disable, to allow continuous pulling.

Each reel is fitted with a 180° swivel wall-mount bracket and an additional bracket for quick connection to, and disconnection from, the wall-mount support.

### CABLE REELS

A wide range comprising no less than 18 versions, designed to satisfy any working requirements, including the most demanding users'. Lengths ranging from 10 m to 30 m, and sections from 2x1.0 mm<sup>2</sup> to 5Gx1.5mm<sup>2</sup>, with H05VV-F and H07RN-F cable types. All the cable reels – up to a cable section of 3Gx2.5mm<sup>2</sup> - are supplied with thermal protection switches, which are triggered in case of overloading of the electric circuit.



### HOSE REELS

pag. 339

Selected range, with lengths from 10 m to 15 m, 8 mm, 10 mm and 12 mm in diameter, for use with pneumatic tools. Since our products are leak-proof, they can also be used with water.

Item		Conductors	Section	Cable type	Length	Drum	Thermal protection	Accessory
1842 15-H05/LED	018420821	2x	1,0 mm <sup>2</sup>	H05VV-F	15+1 m	Small	NO	Lampada LED
1843 15-H05	018430215	2x	1,5 mm <sup>2</sup>	H05VV-F	15+1 m	Small	YES	
1844 10-H05	018440310	3G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	Small	YES	-
1844 15-H05	018440315			H05VV-F	15+1 m	Small	YES	-
1844 15-H07	018440317			H07RN-F	14+1 m	Small	YES	-
1844 30-H05	018440330			H05VV-F	30+2 m	Medium	YES	-
1844 15-H05/SCK	018440316	3G	1,5 mm <sup>2</sup>	H05VV-F	15+1 m	Small	YES	SCHUKO
1844 15-H07/SCK	018440318			H07RN-F	14+1 m	Small	YES	SCHUKO
1845 12-H05	018450365	3G	2,5 mm <sup>2</sup>	H05VV-F	12+1 m	Small	YES	
1845 15-H07	018450367			H07RN-F	15+1 m	Medium	YES	
1845 25-H07	018450377			H07RN-F	25+1,5 m	Medium	YES	
1846 10-H05	018460405	4G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	Small	NO	
1846 10-H07	018460407			H07RN-F	10+1 m	Small	NO	
1846 15-H05	018460415	4G	2,5 mm <sup>2</sup>	H05VV-F	15+1 m	Small	NO	
1847 10-H05	018470420			H05VV-F	10+1 m	Medium	NO	
1847 15-H07	018470427			H07RN-F	15+1 m	Medium	NO	
1848 10-H05	018480510	5G	1,5 mm <sup>2</sup>	H05VV-F	10+1 m	Medium	NO	
1848 15-H07	018480517			H07RN-F	15+1 m	Medium	NO	

## 1842

automatic cable reel with LED inspection lamp, 100-240Vac

- with 230/12V safety transformer
- H05VV-F 2x1.0 mm<sup>2</sup> cable
- coiled cable length: 15 m
- 1.5 m incoming cable with SCHUKO type socket
- length of cable out of drum: 1 m
- rack mechanism can be disabled to keep cable pulled
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42  
IP65

L=15 m

1842 15-H05/LED	H05VV-F	L m	15+1	1	018420821

## 1846R-LED/BM

spare LED lamps

12-24V - AC-DC



1846LED/BM R		1	018460331
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## 1843

automatic cable reel, with 2x1.5 mm<sup>2</sup> cable

- H05VV-F 2x1,5 mm<sup>2</sup> cable
- with thermal protection switch
- coiled cable length: 15 m
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1300W (230V-20°C)
- max. power (unrolled): 2300W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1843 15-H05	H05VV-F	L m	15+1	1	018430215

## 1844

automatic cable reel, with 3Gx1.5 mm<sup>2</sup> cable

- 3Gx1.5 mm<sup>2</sup> cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1844 30-H05, 2 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1844 10-H05	H05VV-F	L m	10+1	1	018440310
1844 15-H05	H05VV-F	15+1		1	018440315
1844 15-H07	H07RN-F	14+1		1	018440317
1844 30-H05	H05VV-F	30+2		1	018440330

## 1844SCK

automatic cable reel, with 3Gx1.5 mm<sup>2</sup> cable and SCHUKO type socket

- 3Gx1.5 mm<sup>2</sup> cable
- with thermal protection switch
- length of cable out of drum: 1 m
- supplied with 1.5 m incoming cable and SCHUKO type socket
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1500W (230V-20°C)
- max. power (unrolled): 2500W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1844 15-H05/SCK	H05VV-F	L m	15+1	1	018440316
1844 15-H07/SCK	H07RN-F	14+1		1	018440318



## 1845

automatic cable reel, with 3Gx2.5 mm<sup>2</sup> cable

- 3Gx2.5 mm<sup>2</sup> cable
- with thermal protection switch
- cable length out of drum: 1 m (except for 1845 25-H07RN-F, 1.5 m)
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (230V-20°C)
- max. power (unrolled): 3000W (230V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1845 12-H05	H05VV-F	L m	12+1	1	018450365
1845 15-H07	H07RN-F	15+1		1	018450367
1845 25-H07	H07RN-F	25+1,5		1	018450377

## 1846

automatic cable reel, with 4Gx1.5 mm<sup>2</sup> cable

- 4Gx1.5 mm<sup>2</sup> cable
- without thermal protection switch
- cable length out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (400V-20°C)
- max. power (unrolled): 1900W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42

1846 10-H05	H05VV-F	L m	10+1	1	018460405
1846 10-H07	H07RN-F	10+1		1	018460407
1846 15-H05	H05VV-F	15+1		1	018460415

## 1847

automatic cable reel, with 4Gx2.5 mm<sup>2</sup> cable

- 4Gx2.5 mm<sup>2</sup> cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 2000W (400V-20°C)
- max. power (unrolled): 2700W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



		L m		
1847 10-H05	H05VV-F	10+1	1	018470420
1847 15-H07	H07RN-F	15+1	1	018470427

## 1848

automatic cable reel, with 5Gx1.5 mm<sup>2</sup> cable

- 5Gx1.5 mm<sup>2</sup> cable
- without thermal protection switch
- length of cable out of drum: 1 m
- supplied without incoming cable
- rack mechanism can be disabled to keep cable pulled
- max. power (rolled up): 1400W (400V-20°C)
- max. power (unrolled): 1900W (400V-20°C)
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



IP42



		L m		
1848 10-H05	H05VV-F	10+1	1	018480510
1848 15-H07	H07RN-F	15+1	1	018480517

## 1852R1750

portable induction heater



CE

Heats and loosens bolts, hubs and bearings without using flames. Allows any type of ferromagnetic metal to be heated.

### Standard equipment:

- Two front attachable coils, Ø 19 and 26 mm, for loosening nuts
- One flat coil for heating surfaces
- One flexible coil, 800 mm long
- Supplied in plastic case

### Technical data:

- Input voltage: 230V AC, 50/60 Hz
- Input current: max. 7,5A
- Power: max. 1.75 kW

### Optional Equipment:

- Coils are also available in other sizes

### Benefits:

- Time saving: quick, extremely accurate heating
- Fire safety: does not produce flames, maximum operator safety
- Functional: can be used with one hand, and coils can be easily interchanged

### Fields of Application:

- Automotive industry
- Industrial maintenance
- Aviation industry
- Naval industry
- Petrochemical industry

1852R1750 1 018520175

480x370x130 mm - 4,5 kg

## 1852S-CNT

contact coil



1852S-CNT 1 018520520

## 1852S-CC

spoon coil



1852S-CC 1 018520521

## 1852S-KR/CNT

kit of spare parts for contact coil



1852S-KR/CNT 1 018520522

## 1852S-L

side attachable coils



	Ø mm	M	L mm		
1852S-L 19	19	M6	220	1	018520501
1852S-L 20	20	M8	220	1	018520502
1852S-L 23	23	M10	220	1	018520503
1852S-L 26	26	M12	220	1	018520504
1852S-L 32	32	M16	220	1	018520505
1852S-L 38	38	M20	220	1	018520506
1852S-L 45	45	M22	220	1	018520507

## 1852S-F

front attachable coil



	Ø mm	M	L mm		
1852S-F 19	19	M6	220	1	018520508
1852S-F 20	20	M8	220	1	018520509
1852S-F 23	23	M10	220	1	018520510
1852S-F 26	26	M12	220	1	018520511
1852S-F 32	32	M16	220	1	018520512
1852S-F 38	38	M20	220	1	018520513
1852S-F 45	45	M22	220	1	018520514

## 1852S-FLESS

flexible coil



	L mm		
1852S-FL750	750	1	018520519
1852S-FL800	800	1	018520515
1852S-FL1000	1000	1	018520517
1852S-FL1500	1500	1	018520518

## 1852 S-PIATTE

flat coil



1852S-PIATTE 1 018520516



## 1808

dual rating soldering iron with steel tips  
1824R8



W	V	
20/130	230	1 018080001

## 1812 150

instant heat soldering iron



W	V	
150	230	1 018120015

## 1814M

soldering irons with steel tips



W	V	
25	230	1 018140225
30	230	1 018140230
40	230	1 018140240

## 1820

soldering irons



1820 30	30W	L = 210mm	1 018200003
1820 60	60W	L = 220mm	1 018200006
1820 80	80W	L = 260mm	1 018200008

## 1822

high-performance soldering irons



1822 120	120W	LxA = 250x125 mm	1 018220012
1822 180	180W	LxA = 250x125mm	1 018220018
1822 320	320W	LxA = 250x140mm	1 018220032

## 1823 60

digital soldering station  
supplied with soldering iron

- Temperature range: 160 °C ÷ 480 °C with ±1% accuracy.
- Memory mode designed to save the temperature selected when switching off the station.
- 3 quick selection keys (200-300-400 °C).



W	
60	1 018230060

## 1823R/60

spare soldering iron for item 1823 60



1823R 60	1 018230066
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## 1824R

spare tips for soldering irons

1824R 08	1808	1 018240100
1824R 12	1812/150	1 018240301
1824R 14-M25	1814M/25	1 018240152
1824R 14-M30	1814M/30	1 018240153
1824R 14-M40	1814M/40	1 018240154
1824R 20	1820/30	1 018240302
1824R 60	1820/60	1 018240303
1824R 80	1820/80	1 018240304
1824R 120-180	1822/120 -/180	1 018240305
1824R 320	1822/320	1 018240307
1824R ST-60	1823-60	1 018240308

## 1825B

soldering tin wire with antioxidant

- 1 mm<sup>2</sup>; 250 g
- Sn 99.3%; Cu 0.7%



1825B	1 018250251
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## 1827

gas soldering iron, adjustable



1827	1 018270001
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## 1827PC

spare conical tips for item 1827



1827PC 1,6	1 018270501
1827PC 3,2	1 018270502

## 1827PCL

spare knife tips for item 1827



1827PCL 2,4	1 018270503
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## 1827PFL

spare naked flame tips for item 1827



1827PFL

1 018270504

## 1827/K

gas soldering iron with 7 accessories in case with soft polyethylene foam base



### Features:

- Power: 30 watts to 125 watts
- Tip temperature can be adjusted between 250 °C and 500 °C
- Gas flow regulator
- Warm-up time: 15 seconds
- Tank contains gas for 120 minutes' non-stop operation
- Clear tank for monitoring gas level
- Can be refilled with butane gas

1827/K

1 018270100

## 1827F

butane gas soldering iron

35 g tank

- three interchangeable nozzles: 550 °C; 1000 °C; 1300 °C
- supplied with a stand in hard case



1827F

1 018270200

## 1830T

dissoldering pipe with antistatic plastic (PTFE) nozzle



L  
mm  
190

5 018300021



## 7041LCD/4S

auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.  
4 sensors  
with TRUE COLOR filter  
solar cell power supply and lithium batteries  
for outstanding LCD filter life

- Viewing area: 98x80 mm
- Darkening shade range: 5+8.5/ 9-13, internally adjustable
- UV/IR protection: DIN16
- Light to dark time: 1/25000 s
- Dark to light time: 0.1-2.0s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Low battery indicator
- Ergonomic design, lightweight, well-balanced
- With adjustable ring nut



CE

7041LCD/4S

1 070410001

## 7041LCD/4S-VE

scratch-proof lens protector for item 7041LCD/4S

7041LCD/4S-VE

2 070410101

## 7041LCD/4S-VI

inside lens for item 7041LCD/4S

7041LCD/4S-VI

2 070410102

## 7042LCD

Auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.  
Solar cells power supply and lithium batteries  
for outstanding LCD filter life

- Viewing area: 98x43 mm
- Darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- Light to dark time: 1/25000 s
- Dark to light time: 0.25-1s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Optimized shape to make it easier to breathe with pulled-down screen



CE

7042LCD

1 070420001

## 7042LCD/RV

scratch-proof lens protector for item 7042LCD, 7043

7042LCD/RV

2 070420101

## 7042LCD/RV-INT

inside lens for item 7042LCD, 7043

7042LCD/RV-INT

2 070420102

## 7043

auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma,  
solar cell power supply

- viewing area: 92x43 mm
- darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- light to dark time: 1/1000 s
- dark to light time: 0.1-1.0 s
- adjustable darkening delay
- auto on/off
- grinding feature
- optimized shape to make it easier to breathe with pulled-down screen



CE

7043

1 070430001

# VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

## The vehicle repair tools are found in these sections:

<b>Diagnostics</b>	items 1464T/N to 1465 items 1498SM to 1499 items 1758VT to 1760/IR 1600
<b>Engine</b>	items 955 to 960SN items 1440 to 1462/KEP items 1472 to 1485TC items 1737 to 1759TT
<b>Oil and filters</b>	items 1488/1 to 1496/C items 1877 to 1889N
<b>Electric system</b>	items 1489/33 to 1489Y items 1497D to 1497RC
<b>Starters</b>	items 1498BC/12 to 1498DG1100E
<b>Transmission</b>	items 1884 to 1885/X C60 items 1438 to 1438DSG items 1566N to 1569/F
<b>Suspension</b>	items 1550U to 1567
<b>Brakes</b>	items 1466/C5 to 1471T/C5
<b>Wheels</b>	items 720MRC to 729T items 962 to 989B items 1530/C5 to 1531/C7
<b>Body work</b>	items 1065F5 to 1068 items 1302 to 1369/C11 items 1478 to 1479U/32 items 1505V to 1539 items 1763 to 1768
<b>Other equipment</b>	items 1875LT to 3067
<b>Jacks</b>	items 3006 to 3069

## 1875LT

injection/extraction carpet/upholstery cleaner

Ideal for deeply cleaning textile surfaces. It dispenses pressure sprayed detergent and sucks it up with dirt, leaving surfaces almost dry

- Supplied accessories:
- 1 hose complete with ergonomic handle
  - 1 dispenser unit
  - 2 hard extensions
  - 1 small spray extraction nozzle
  - 1 big spray extraction nozzle
  - 6 power cord locknuts

CE



1875LT

1 018750000

## 1875SP/K3

kit of fabric cleaning brushes

- 1 flat brush Ø 48 mm
- 1 flat brush Ø 100 mm
- 1 hemispheric brush Ø 90 mm
- 1/4" impact socket drive

1/4"



ISO 1173 E 6,3

1875SP/K3

1 018750010

## 1877

exhausted oil drain unit, wheeled, with 90 l tank

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- pneumatic tank emptying through 1.8 m pipe
- tool tray

CE



1877

1 018770008

## 1877A

exhausted oil drain unit / vacuum cleaner, wheeled, with 90 l tank and pre-chamber

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- transparent pre-chamber: capacity 9.5 l
- 1.8 m suction pipe
- pneumatic tank emptying through 1.8 m pipe
- tool tray

- Standard accessories:
- 1 hard probe, Ø 5x700 mm
  - 1 flexible probe, Ø 5x700 mm
  - 1 hard probe, Ø 6x600 mm
  - 1 flexible probe, Ø 6x700 mm
  - 1 flexible probe, Ø 7x700 mm
  - 1 flexible probe, Ø 8x700 mm
  - adapters for VW, BMW, CITROËN

CE



1877A

1 018770080

## 1877F

exhausted oil drain unit for 1 l bottles

- fits up to 4 bottles at a time
- Supplied with 2 2-l jerrycans



H mm 405  
L mm 270  
P mm 240

1 018770100

## 1877P

exhausted oil drain unit, wheeled,  
with polyethylene tank

- tank capacity: 40 l
- large oil pan made of PP
- level indicator
- pneumatic drum emptying



	H	min-Max	H1		
	mm	mm	mm	l	part no.
1877P	1030-1630	900	40	1	018770180

## 1878 2

fluid collection tank

- maximum capacity: 2 l
- particularly suitable for changing oil in scooters



	l	H		
		mm	l	part no.
1878 2	2	85	1	018780002

## 1878 4

fluid collection tank,  
portable

- suitable for motorcycles
- maximum capacity: 4 l
- reduced splashing



	l	H		
		mm	l	part no.
1878 4	4	100	1	018780004

## 1878 8

fluid collection tank

- height suitable for motorcycles
- maximum capacity: 8 l



	l	H		
		mm	l	part no.
1878 8	8	110	1	018780008

## 1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing fluid leakage during transportation

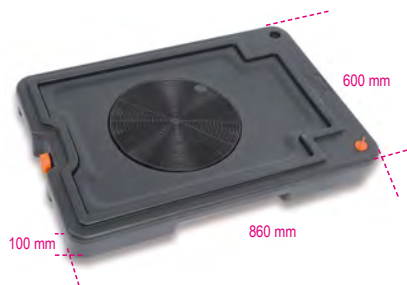


	l	H		
		mm	l	part no.
1878 11	11		1	018780011

## 1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels



	l	H		
		mm	l	part no.
1878 30	30		1	018780030

## 1879

9.5 l manual/pneumatic operation fluid  
extractor



	l	H		
		mm	l	part no.
1879 9,5	9.5		1	018790001

## 1879 6

manual operation fluid extractor,  
6 l



	l	H		
		mm	l	part no.
1879 6	6		1	018790000

## 1879R/K4

kit of 4 spare tubes for fluid extractor 1879



	l	H		
		mm	l	part no.
1879R/K4			1	018790504

## 1879/FUEL

manual operation fluid extractor,  
6 l  
for use with hydrocarbons



	l	H		
		mm	l	part no.
1879/FUEL	6		1	018790010

## 1880

manual oil barrel pump

- for oil
- do not use with aqueous fluids, acid solvents, Diesel oil, petrol and the like
- complete with barrel connection, telescopic tube and delivery spout
- for use with 60, 100 and 200 l barrels



	gr	H		
		mm	l	part no.
1880	240		1	018800001



## 1880ADB

rotary AdBlue® pump

- 5 litres supplied every twenty turns
- drum extensions up to 1.20 m
- 1 fine-pitch drum coupling, fine pitch
- 1 coarse-pitch drum coupling



1880ADB 1 018800101

## 1881

pneumatic barrel pump, ratio 3:1

CE



1881 18 l/min 1 018810001

## 1882N

oil gun with flexible head and automatic drip catcher



1882N 1 018820110

## 1883N

digital litre counter for oil



1883N 1 018830036

## 1883NC

male-male nipple, 1/2,  
for items 1882N and 1883N



1883NC 1 018830135

## 1884

oil filler tool  
for manual and automatic gearboxes and  
differentials

Complete with 12 adaptors for direct connection



1884 1 018840010

AT-101	FORD
AT-102	UNIVERSAL (Bmw, Honda, Nissan...)
AT-103	VW-AUDI
AT-104	VW-AUDI-PORSCHE
AT-105	VW-AUDI-MINI COOPER
AT-106	MERCEDES
AT-107	DSG
AT-108	VW-AUDI CVT
AT-109	VOLVO
AT-110	TOYOTA-LEXUS
AT-111	SKODA
AT-112	VW Passat/Tiguan <2007



## 1884N/C8

set of 8 adapters for item 1884

set contents:

- 1 adapter for Infiniti, 7-speed, M8x1.0
- 1 adapter for Honda, Hyundai, Kia 5x8x200 mm
- 1 adapter for Skoda M18x1.5
- 1 adapter for Mini M14x1.5
- 1 adapter for Nissan M10x1.5
- 1 adapter for Nissan Juke M12x1.25
- 1 adapter for GM M12x1.75
- 1 adapter for VAG group vehicles, 7-gear

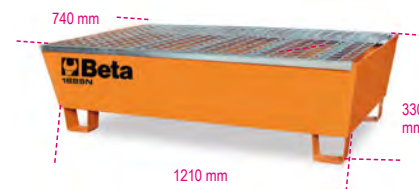


1884N/C8 1 018840200

200x145x40 mm - 400 g

## 1889N

steel handling and storage base for  
2 200-l barrels



1889N 1 018890220

## 1889CF

universal barrel opening wrench

- 1 female hexagon Ø 38 mm
- 1 4-sector profile Ø 42 mm
- 1 blade 16,5x4 mm



L mm 270 1 018890010

# 1885

automatic gearbox maintenance station

Allows entire washing cycle to be safely performed in all automatic transmissions, through a simple, guided procedure. Avoids damage from wear of oil in automatic gearbox, thereby easily and quickly preventing typical malfunctions, including: excessive gearbox noise, jammed gears, abruptly engaged gears, long gear shifting time.



### Functional specifications:

- Automatic operation
- Step-by-step guided procedure with integrated database
- Balancing quantity of injected oil with same quantity of exhausted oil, thereby making sure that system always contains proper quantity of oil
- Flow meter for visual inspection of oil quantity
- Printing records of each operation

### Automatic specifications:

- Injecting solvent (optional)
- Washing gearbox system
- Emptying oil out of sump
- Emptying oil out of converter
- Injecting oil into converter

### Technical specifications:

- Power supply: 220 V 50 Hz
- Backlit oil viewers with 2 white light LEDs
- 2 electronic balances
- Electronic balances, resolution +/- 10 g
- Electronic card with backlit graphic display

1885 1 018850010



# 1885/C1-R1

Land Rover Freelander transmission fittings for item 1885  
Ic01430



1885/C1-R1 1 018850111

# 1885/C1-R2

DP0 transmission fitting for item 1885

Ic0990



1885/C1-R2 1 018850112

# 1885/C1-R6

AISIN TG82 transmission fittings for item 1885

Ic01820



1885/C1-R6 1 018850116

# 1885/C1-R8

Renault-Nissan transmission fittings for item 1885  
Ic02150



1885/C1-R8 1 018850118

# 1885/C2-R1

Audi 8HP transmission fittings for item 1885

Ic0993



1885/C2-R1 1 018850121

# 1885/C2-R6

Audi Q5-Q7 transmission fittings for item 1885

Ic0680



1885/C2-R6 1 018850126

# 1885/C2-R7

Audi 0B5 transmission fitting for item 1885

Ic01720



1885/C2-R7 1 018850127

# 1885/C3-R3

Toyota IQ transmission fittings for item 1885

Ic0991



1885/C3-R3 1 018850133

# 1885/C3-R4

Mazda transmission fittings for item 1885

Ic02130



1885/C3-R4 1 018850134

# 1885/C3-R5

Renault Laguna-Esp transmission fittings for item 1885  
Ic02150



1885/C3-R5 1 018850135

# 1885/C3-R6

Nissan Juke transmission fittings for item 1885

Ic02140



1885/C3-R6 1 018850136

### 1885/C3-R7

AISIN TF71 FV transmission fittings for item 1885  
lc01420



1885/C3-R7

1 018850137

### 1885/C3-R8

AISIN TF71 FP transmission fittings for item 1885  
lc001420/1



1885/C3-R8

1 018850138

### 1885/C3-R9

AISIN TF71 FO transmission fittings for item 1885  
lc001420/2



1885/C3-R9

1 018850139

### 1885/C3-R10

AISIN TF71 FS transmission fittings for item 1885  
lc001420/3



1885/C3-R10

1 018850140

### 1885/XC60

Volvo XC60 transmission fittings for item 1885



1885/XC60

1 018850151

### 1893/134A

automatic charging station for R134a gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs. Database can be updated via software. Machine can be operated in both manual mode (provided it is controlled by a human operator step by step) and in fully automatic mode (without requiring a human operator).



CE



R134A (250 ml)

#### FUNCTIONAL SPECIFICATIONS

Automatic operation  
Car/lorry database with gas quantities and compressor oil quantities and types  
Automatic gas recovery from pipe  
Compensation of recharged quantity of gas in pipes  
Automatic discharge of noncondensable gases  
Automatic reporting of defects and required maintenance jobs  
Gauges, ø 80 mm  
Digital vacuumeter

#### TECHNICAL SPECIFICATIONS

Gas tank: 15 kg  
Vacuum pump: 75 l/min  
Electronic balance: 50 kg  
Electronic card with backlit display  
Recovery rate: 500 rpm  
Power supply: 220 V

1893/134A

1 018930001



### 1893/1234YF

automatic charging station for R1234yf gas air conditioners

Fully automatic model, complete with car/lorry database with gas quantities, compressor oil quantities and types, self-diagnosis software for routine maintenance jobs. Database can be updated via software. Machine can be operated in both manual mode (provided it is controlled by a human operator step by step) and in fully automatic mode (without requiring a human operator).



CE



1234YF (250 ml)

#### FUNCTIONAL SPECIFICATIONS

Automatic operation  
Car/lorry database with gas quantities and compressor oil quantities and types  
Automatic gas recovery from pipe  
Compensation of recharged quantity of gas in pipes  
Automatic discharge of noncondensable gases  
Automatic reporting of defects and required maintenance jobs  
Gauges, ø 80 mm  
Digital vacuumeter

#### TECHNICAL SPECIFICATIONS

Gas tank: 15 kg  
Vacuum pump: 75 l/min  
Electronic balance: 50 kg  
Electronic card with backlit display  
Recovery rate: 500 rpm  
Power supply: 220 V

1893/1234YF

1 018930012

### 1893TR/134A

R134a gas tracer



1893TR/134A 250 ml

1 018930901

### 1893TR/1234YF

R1234yf gas tracer



1893TR/1234YF 250 ml

1 018930902

## 1893TR/CI

hybrid compressor tracer



1893TR/CI ml 250 1 018930903

## 1895GSI

control generator for (petrol and LPG) electro-injectors

Setting frequency and time parameters allows electro-injectors to be activated, for effective cleaning in ultrasonic tanks or diagnostic operations



Technical specifications:

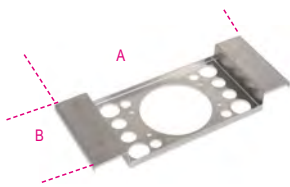
- Power supply: 110V o 220V
- Test duration: 0-99 min.
- RPM: 600-4000

1895GSI 1 018950810

## 1895/S

adjustable support for ultrasonic cleaning tanks 1895

Allows injectors to be correctly placed during washing in ultrasonic cleaning tank



1895/S A mm 340 B mm 140 1 018950501

# Beta



## 1895 6

ultrasonic cleaning tank, 6 l

with special degas function



Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data

- Tank capacity: 6 l
- Drain tap
- Power: 150 W
- Heating power: 300 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 330x180x310 mm
- Tank dimensions: 300x155x150 mm
- Basket dimensions: 250x105x100 mm
- Maximum capacity: 5.5 kg

1895 6 Max 5,5 1 018950060

## 1895 13

ultrasonic cleaning tank, 13 l

with special degas function



Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (injectors, carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:

- Tank capacity: 13 l
- Drain tap
- Power: 300 W
- Heating power: 400 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Overall dimensions: 350x325x320 mm
- Tank dimensions: 325x235x145 mm
- Basket dimensions: 257x185x100 mm
- Maximum capacity: 12 kg

1895 13 Max 12 1 018950130

## 1895 27

ultrasonic cleaning tank, 27 l

with special degas function



Features:

- Ultrasonic cleaning relies on fluid heating to effectively clean spare parts and metal pieces in general (carburetors, valves etc.)
- Digital display for temperature and cleaning time selection
- Two cleaning modes: "soft" and "normal"
- For normal cleaning, just use water at a temperature of 50/60 °C
- For more accurate cleaning, add non-foaming detergent solutions specific for ultrasonic tanks
- Using the degas mode speeds up air release throughout the tank, thereby improving ultrasonic cleaning efficiency

Technical Data:

- Tank capacity: 27 l
- Drain tap
- Power: 500 W
- Heating power: 500 W
- Temperature range: 0+80 °C
- Cleaning time range: 0-99 minutes
- Frequency: 40 kHz
- Power supply: 220/230V
- Dimensions: 530x330x380 mm

1895 27 Max 25 1 018950270



# Beta



## 1895 157

ultrasonic cleaning tank, 157 l

- Ultrasonic cleaning relies on fluid heating to effectively clean metal pieces in general (engine heads, transmission, catalysts etc.)
- Tank made from stainless steel AISI304
- Time/frequency controller
- Temperature adjustment thermostat
- 4 castors (2 with brakes) for transportation
- Tank power supply cable with industrial plug 3P+N+T (3 poles + neutral + earth)
- Controller power supply cable with Schuko plug



Technical data:

- Tank capacity: 157 l
- Drain tap
- Power: 2160 W
- Heating power: 5000 W
- Temperature range: 30÷110 °C
- Cleaning time range: 0-59 minutes
- Double frequency: 28 kHz and 40 kHz
- Power supply: 220-380V / 240-415V
- Dimensions: 840x640x750 mm
- Tank dimensions: 700x500x450 mm
- Rack dimensions: 680x480x200 mm
- Maximum capacity: 62 kg
- Generator power supply: 220 V
- Generator power: 2400 Watt
- Generator frequency: 40 kHz

	L	P	H	
	mm	mm	mm	
1895 157	840	640	750	1 018950357

## 1895/RC

rack for ultrasonic tanks 1895



	L	L1	A	
	mm	mm	mm	
1895/RC6	250	105	100	1 018950506
1895/RC13	257	185	100	1 018950513
1895/RC27	450	250	150	1 018950527

## 9881U



9881U 1 (1-2)	578
9881U 1 (3)	578

## 9882R



9882R 1 (1-2)	578
9882R 1 (3)	578

## 1898/K40

Eco friendly, heated manual cleaning tank

- Using the bio-active liquid included, oil and residue can be effectively removed from mechanical parts without the need for aggressive chemicals
- The bio-active liquid converts the oil and other residue into carbon dioxide and water which can be re-used again and again
- no need for specialist waste collection and disposal
- suitable for both metal and plastic parts



Equipment:

- Long bristle brush and connecting pipe
- Right-hand and left-hand operation function
- Perforated stainless steel grid
- Wheels with brakes
- Card with display operating temperature and low level alert

Accessories Included:

- 2 20 l cans of environmentally friendly liquid detergent and 2 packs of bacteria

Technical data:

- Max. pump capacity: 10 li/min
- Tank capacity: 40 l
- Operating temperature: +5 °C ÷ +40 °C
- Dimensions: 900 x 1000 x 750 mm
- Weight: 50 kg (when empty)

Attention:

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France, Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

1898/K40	1 018980004
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ATTENTION

Countries where product 1898/K40 is allowed to be distributed: Austria, Belgium, France (from 2021), Hungary, Italy, Netherlands, Poland, Portugal, Spain, United Kingdom.

## 1898/B

bottle of bacteria, 300 ml for part cleaning tank 1898/K40



1898/B	1 018980904
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CAUTION:

Countries where item 1898/B is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

## 1898/C

wheeled sprayer, 25 l

Particularly useful in a variety of sectors: aeronautics, agriculture, automotive, cleaning, building and road construction, chemical industry, manufacturing industry, mining industry, lube trucks and industrial vehicles, shipbuilding and railway transportation

- dual function: spraying and foaming
- painted steel tank
- stainless steel nozzle
- anti-twisting hose
- tank pressure gauge
- tank level indicator



Technical data:

- Tank capacity: 25 l
- Supply hose length: 5 m
- Maximum working pressure: 4-5 bar
- Nozzle length: 0.65 m
- Maximum tank pressure: 8 bar

	H	L	P	
	mm	mm	mm	
1898/C	810	360	360	1 018980940

## 1898/D

tank of environmentally friendly detergent liquid, 20 l, for part cleaning tank 1898/K40



1898/D	1 018980920
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CAUTION:

Countries where item 1898/D is allowed to be distributed: Austria, Belgium, France, Italy, Netherlands, Poland, Portugal, United Kingdom, Spain, Hungary

## 1898/M

pressure sprayer  
with 1,5 l tank

- adjustable nozzle with straight jet and mist spray
- graduated scale 0.5 l - 1 l - 1.5 l
- locking lever for continuous jet
- not for use with hydrocarbons



H	l	
mm		
340	1,5	1 018980930

## 1898/S

hand pressure pump  
with 5 l tank

- stainless steel nozzle
- locking lever for continuous jet
- adjustable nozzle with straight jet and mist spray
- shoulder strap for ease of transport
- nozzle hook-up handle
- 1.2-m-long hose
- not for use with hydrocarbons



H	l	
mm		
415	5	1 018980932

## 1899A

DPF/FAP® system cleaning machine

Special detergents can be used to periodically clean and restore DPF and FAP® systems damaged by soot and ash deposits.



Supplied with:

- 1 2-m-long feed pipe
- 1 quick coupler + hose nozzle for differential sensor hoses
- 1 niple M18x1.5 with hose nozzle for direct connection to lambda probe
- 1 extension hose
- 1 DPF/FAP® spray nozzle
- 1 magnetic pipe support
- 1 DPF/FAP® pipe with adjustment cable gland plus niple M14/16/18 mm for connecting lambda probes

Technical specifications:

- Operating voltage: 12 V
- Power supply cord length: 3.9 m
- Tank capacity: 1 l

1899A	1 018990010
-------	-------------

## 1899SI

2-in-1 machine for cleaning injectors and intake manifold

special detergents can be used to periodically clean the injectors and the intake manifold in diesel and petrol engines, removing carbonaceous deposits and combustion residues



Specifications:

- Operating voltage: 12 V
- 2 service hoses with quick couplers
- 2 tanks (capacity: 1 l each)

1899SI	1 018990030
--------	-------------

## 2080/VG

ABS organizer tool case with swivel trays

- With upper small parts organizer (145 mm in diameter) and 4 swivel trays:
- 1 tray 305 mm in diameter
- 3 trays 445 mm in diameter
- Supplied complete with 12 partitions for use in 3 larger swivel trays, to obtain up to 8 compartments per level



2080/VG	1 020800100
445x445x550 mm - 3,4 kg	

## 2250-0

heavy duty swivel creeper seat with tray



2250-0	1 022500011
--------	-------------

## 2251N

swivel creeper seat with drawers

- round swivel seat, vertically adjustable through a gas piston mechanism (445-580 mm)
- square tool chest (380 mm) with 2 drawers (2+1)
- drawer dimensions: 350x180x90 mm
- tote-tray dimensions: 2X 190x190mm - 1X 380x190mm
- 4 pivoting castors, Ø 75 mm



L	L1	H	
mm	mm	mm	
380	380	445+580	1 022510012



**2252**  
seat with castors



2252-G 1 022520002

**2252KR4**  
spare seat castors 2252



2252KR4 1 022520900

**2258N-0**  
heavy-duty creeper with tool chest



2258N-0 1 022580021

**2258RR**  
spare castor for heavy-duty creeper 2258N



2258RR 1 022580111

**2254A**  
car covers, for outdoor use,  
water-repellent and UV-resistant

These covers are ideal for protecting damaged vehicles while waiting to be repaired

- Technical specifications
- exterior finish with UV protection treatment
  - soft, nonscratch interior finish
  - 6 adjustment strings for making cover fit close to car
  - 2 front door zips to allow access to vehicle without having to remove cover
  - mirror seats
  - reflecting



- 3 versions:
- Size M recommended for compact cars
  - Size L recommended for saloon cars and station wagons
  - Size XL recommended for SUVs

	LxPxH mm	
/M	4400x1450x1300	1 022540002
/L	5300x1450x1150	1 022540000
/X	4700x1450x1580	1 022540001

**2254C**  
suction cup protector for vehicles' bodies

Made of plastic-coated fabric, with 4 suction cups on top side



	L1 mm	L2 mm	
2254C	1150	650	1 022540200

**2254F**  
car front protector

Allows front part of vehicle to be protected, while leaving openings for headlights and radiator



- Waterproof
- Resistant to oil and grease
- Strap fixing
- Material: 98% polyamide/nylon, 2% polyurethane

2254F 1 022540150

**2254K**  
reusable seat, steering wheel and gear knob protector

Suits most car seats, steering wheels and gear knobs



2254K 1 022540101

**2254SM**  
creeper mat,  
made of EVA

Double finish:  
• 1 side in soft EVA  
• 1 side in hard carbon look for improved slip performance



2254SM 1 022540033



## 2254T

kneeling pad

made from non-slip EVA foam



2254T

1 022540047

## 3000L

creeper

• PVC lining with upholstered foamed rubber designed for remarkable comfort

**ADJUSTABLE HEAD-REST BY PROGRESSIVE AIR SPRING**



3000L

1 030000210

## 3000L/RLS

spare creeper castors



3000L/RLS

6 030000212

## 3002

creeper and seat

• Steel frame  
• PVC lining with upholstery  
• Easily convertible into a creeper or a seat



3002

1 030020001

## 3002/RLS

6 spare wheels for creeper 3002



3002/RLS

1 030020501

## 3003

creeper

made of shockproof plastic

• Wheel Ø: 76 mm



3003

1 030030001

## 3003/RLS

6 spare wheels for creeper 3003



3003/RLS

1 030030501

## 3003C

creeper made of shockproof plastic

Complete with:  
- head and lumbar region with carbon look finish  
- upper metal plates for fixing magnetic accessories  
- 6 rubber castors, 79 mm in diameter  
- Max. capacity: 120 kg  
- Weight: 5.5 kg



3003C

1 030030100

## 3003C/RLS

6 spare wheels for creeper 3003C



3003C/RLS

1 030030600

## 3003PRO

creeper made of shockproof plastic

Complete with:

- ergonomic head cushion
- soft back protector
- 2 178 mm double bearing castors for trouble-free use on uneven surfaces and pipes/cables
- 1 castor
- double height adjustment from the ground: 38 or 76 mm
- 2 portable LED lamps (250 lumens) with fixing magnets
- load capacity: 200 kg
- weight: 7.7 kg



C max	H min	H Max	H1
200	170	230	230

1 030030150

## 3003PRO/SP

wall-mounted plastic support for creeper 3003PRO

can be mounted to walls, bridge jacks, chests of drawers or other equipment, thereby allowing creeper to be fixed through a quick system with safety closure.



3003PRO/SP

1 030030151

## 3003PRO/PM

magnetic tool holder, round, for creeper item 3003PRO

can be applied to wheel rims of creeper to retain small items during jobs



3003PRO/PM

1 030030152

## 3003PRO/RCR

spare rear wheels for creeper 3003PRO, pair



3003PRO/RCR

1 030030650



## 3003PRO/RRG

spare front castor for creeper 3003PRO



3003PRO/RRG

1 030030651

## 3003PRO/RT

LED inspection lamp with spare magnets for creeper 3003PRO

- 250 lumens
- Batteries: 4xAAA (not included)

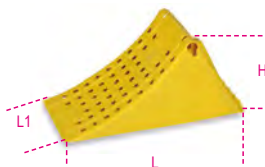


3003PRO/RT

1 030030652

## 3004

wheel stop wedge



	H	L	L1
	mm	mm	mm
3004	225	475	200

1 030040000



## VEHICLE REPAIR

Our vehicle repair tools, which are used by the most demanding professionals, are developed and manufactured to meet the world's highest standards, and regularly tested under the most stressful operating conditions.

For over 50 years, we have been proudly working hand in hand with the greatest champions, who help us improve our products non-stop and provide testimony to the highest quality standard.

The vehicle repair tools are found in these sections:

### Diagnostics

items 1464T/N to 1465  
items 1498SM to 1499  
items 1758VT to 1760/IR 1600

### Engine

items 955 to 960SN  
items 1440 to 1462/KEP  
items 1472 to 1485TC  
items 1737 to 1759TT

### Oil and filters

items 1488/1 to 1496/C  
items 1877 to 1889N

### Electric system

items 1489/33 to 1489Y  
items 1497D to 1497RC

### Starters

items 1498BC/12 to 1498DG1100E

### Transmission

items 1884 to 1885/X C60  
items 1438 to 1438DSG  
items 1566N to 1569/F

### Suspension

items 1550U to 1567

### Brakes

items 1466/C5 to 1471T/C5

### Wheels

items 720MRC to 729T  
items 962 to 989B  
items 1530/C5 to 1531/C7

### Body work

items 1065F5 to 1068  
items 1302 to 1369/C11  
items 1478 to 1479U/32  
items 1505V to 1539  
items 1763 to 1768

### Other equipment

items 1875LT to 3067

### Jacks

items 3006 to 3069

## 3006

jack and positioner for tractor and excavator wheels

- max. capacity: 1,500 kg
- min. wheel diameter: 1,000 mm
- max. wheel diameter: 2,200 mm
- max. wheel thickness: 800 mm

CE



3006

1 030060000

## 3006 R/RGF

spare castor with brake for wheel jack and positioner 3006



3006 R/RGF

1 030060501

## 3006 R/RG

spare castor for wheel jack and positioner 3006



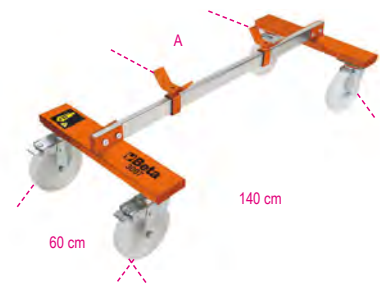
3006 R/RG

1 030060502

## 3007

underbody trolley for vehicles without forecarriage / rear axle

- Allows vehicles without forecarriage or rear axle to be easily handled while working
- 4 pivoting wheels, including 2 with brakes, suitable for use in painting furnaces
  - 2 sliding supports to fit all chassis
  - max. capacity: 800 kg



3007

A Max  
mm  
110

1 030070001

## 3007 R/RGF

spare castor with brake for vehicle underbody trolley 3007



3007 R/RGF 1 030070501

## 3007 R/RG

spare castor for vehicle underbody 3007

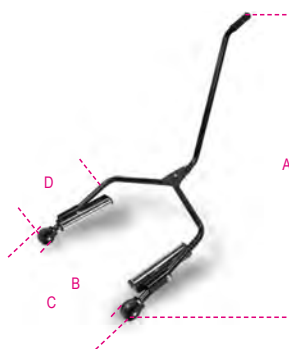


3007 R/RG 1 030070502

## 3008M

manual jack and positioner for truck wheels

capacity: 136 kg



3008M 1300 600 700 260 1 030080210

## 3008N

jack and positioner for single and twin truck wheels

- maximum capacity: 500 kg
- minimum height: 120 mm
- maximum height: 650 mm
- distance between rollers: 429÷670 mm
- hydraulic overloading safety device
- front pivoting wheels

CE



3008N 1 030080110

## 3009

wheel lifter

Maximum lifting capacity: 550 kg  
4 pivoting rollers  
Roller width: 200 mm  
For wheels up to 240 mm in width



A 400÷850 mm B 600 mm 1 030090001

## 3009R/GR4

4-wheel groups for trolleys 3009 R/GR4



3009R/GR4 1 030090501

## 3010/T...

jack stands, pair



C max kg 2000 H min mm 280 H max mm 425 H1 mm 245 L mm 185 L1 mm 165

3010T 2 1 030100002

C max kg 3000 H min mm 285 H max mm 430 H1 mm 250 L mm 180 L1 mm 195

3010T 3 1 030100003

C max kg 6000 H min mm 400 H max mm 580 H1 mm 340 L mm 245 L1 mm 280

3010T 6 1 030100006

C max kg 10000 H min mm 471 H max mm 735 H1 mm 420 L mm 330 L1 mm 290

3010T 10 1 030100010

## 3011/T

hydraulic bottle jacks

CE



C max kg 2000 H min mm 174 H Max mm 369 L mm 90

3011T 2 1 030110020

C max kg 3500 H min mm 170 H Max mm 366 L mm 86

3011T 3,5 1 030110035

C max kg 5000 H min mm 203 H Max mm 467 L mm 118

3011T 5 1 030110050

C max kg 10000 H min mm 220 H Max mm 484 L mm 114

3011T 10 1 030110100

C max kg 15000 H min mm 230 H Max mm 497 L mm 113

3011T 15 1 030110150

C max kg 20.000 H min mm 245 H Max mm 521 L mm 115

3011T 20 1 030110200

C max kg 32.000 H min mm 260 H Max mm 420

3011T 32 1 030110320

C max kg 50.000 H min mm 280 H Max mm 450

3011T 50 1 030110500



## 3010H

heavy-duty jack stands



C Max kg	H min mm	H Max mm	L mm	L1 mm
15,000	445	631	300	300

3010H631-T15 1 030100150

C Max kg	H min mm	H Max mm	L mm	L1 mm
15,000	645	1077	300	300

3010H1077-T15 1 030100165

## 3010V

heavy-duty jack stands,  
screw adjustable



C Max kg	H min mm	H Max mm	L mm	L1 mm
20,000	410	600	330	330

3010V600-T20 1 030100200

C Max kg	H min mm	H max mm	L mm	L1 mm
20,000	665	1090	460	460

3010V1090-T20 1 030100220

## 3012

engine brackets



L mm	C max kg		
1500	500	1	030120010
1800	400	1	030120018

## 3012C

lower engine bracket

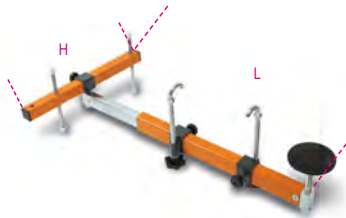
ideal for cars and commercial vehicles



3012C 1 030120255

## 3012I

lower engine bracket



	L mm	H mm		
3012I	630=960	190	1	030120250

## 3014

engine stand



3014 1 030140010

## 3014R/GR5

5 spare wheels for engine stand 3014



3014R/GR5 1 030140501

## 3014 SAR

folding engine stand

- Easy to fold up, for significantly increased compactness
  - Allows 360° rotation of engine or gear
  - Provides unparalleled safety and stability during jobs
- Maximum capacity: 450 kg



3014SAR 1 030140360

## 3014SAR/RR

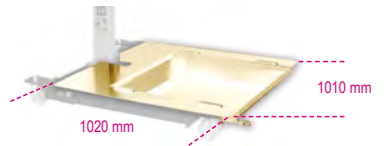
4 spare wheels for engine stand 3014SAR



3014SAR/RR 1 030140370

## 3014SAR/I

fluid collection tank  
for item 3014 SAR



3014SAR/I 1 030140361  
1020x1010x11 mm

## 3023

pit and under bridge jack  
with screw adjustment

maximum carrying capacity: 400 kg



	H min-Max mm	Ø mm		
3023	1350=2030	300	1	030230050

### 3024 0,6

folding hydraulic crane  
with dual effect pump

Features:

- Maximum carrying capacity: 600 kg
- 5 loading positions: 400-450-500-550-600 kg
- With load limiting valve and chrome-plated stand
- Controlled descent speed
- Nylon wheels
- Maximum height: 2300 mm
- Working radius of arm: min. 960 mm – max. 1350 mm
- Operating unit can be rotated 200°



H	H1	P	P1	
mm	mm	mm	mm	
1540	2300	925	390	1 030240006

### 3025N/PF

barrel handling pliers

maximum capacity: 300 kg

CE



	A	B	
	mm	mm	
3025N/PF	550=640	70	1 030250111

### 3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg

CE



H min	H Max	L	L1	Ø	
mm	mm	mm	mm	mm	
1140	1990	600	550	30	1 030260005

### 3025N

folding hydraulic crane  
with dual effect pump

Specifications:

- Maximum capacity: 1 t
- 4 loading positions: 300-600-800-1000 kg
- With load limiting valve and chrome-plated stand
- Controlled descent speed
- Nylon wheels
- Maximum height: 2420 mm



A	B	C	D	
mm	mm	mm	mm	
1560	1600	1000	880	1 030250110

### 3026 0,3

hydraulic pit and under bridge jack

CE



H min	H Max	L	L1	Ø	
mm	mm	mm	mm	mm	
1120	1970	450	450	25	1 030260003

### 3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5



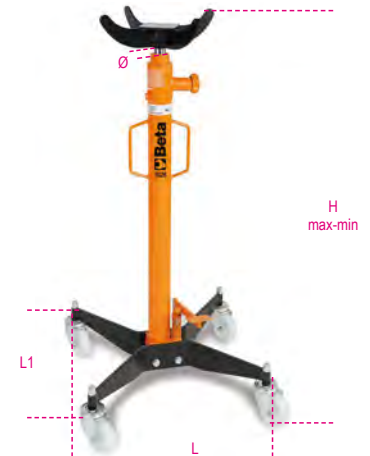
3026/R 0,5	1 030260905
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### 3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t

CE



H min	H Max	L	L1	Ø	
mm	mm	mm	mm	mm	
1140	1990	650	550	35	1 030260010

### 3026/R 1,0

4 spare swivel wheels for hydraulic jack item 3026 1,0



3026/R 1,0	1 030260910
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### 3026/R0,3

4 spare swivel wheels for hydraulic jack 3026 0,3



3026/R 0,3	1 030260903
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## 3026/S

swivel transmission gear support with reduction bushes for jacks item 3026

Maximum capacity: 500 kg

CE



3026/S

1 030260501

## 3026/SP

universal transmission support

Allows one operator to disassemble and reassemble any transmissions of cars, commercial vehicles and off-roaders quickly and safely.

CE



3026/SP

1 030260505

## 3026/SA

wheel hub support for pit jacks

• for use for maintenance jobs relating to hubs, and during shock absorber replacement jobs  
• can be adapted to hydraulic pit jacks items 3026 0,3 and 3026 0,5



3026/SA

∅  
mm  
30,4

1 030260510

## 3026/SAM

shock absorber support for pit jacks

• for use for supporting shock absorber when suspension arm is removed  
• shock absorber bracket, max. diameter 80 mm, plus adapter for max. diameters 60 mm  
• can be adapted to hydraulic pit jacks items 3026 0.3 and 3026 0.5



3026/SAM

1 030260515

## 3027N 10

hydraulic bench press with moving piston

• maximum capacity: 10 t  
• manual 2-speed pump  
• moving piston  
• automatic piston return  
• set of V-shaped prisms included  
• chrome-plated stand

CE



3027N 10

1 030270101

## 3027N 20

hydraulic press with moving piston

• maximum capacity: 20 t  
• manual 2-speed pump  
• moving piston  
• chrome-plated stand  
• automatic piston return  
• hydraulic overloading safety device  
• gauge  
• set of V-shaped prisms included

CE



3027N 20

1 030270102

## 3027N 30

hydraulic press with moving piston and hoist

• Maximum capacity: 30 t  
• Manual 2-speed pump  
• Moving piston  
• Chrome-plated stand  
• Automatic piston return  
• Hydraulic overloading safety device  
• Gauge  
• Steel rope hoist for lifting worktop

CE



3027N 30

1 030270103

## 3027N 50

hydraulic press with moving piston and hoist

• maximum capacity: 50 t  
• manual 2-speed pump  
• moving piston  
• chrome-plated stand  
• automatic piston return  
• hydraulic overloading safety device  
• gauge  
• set of V-shaped prisms  
• steel rope hoist for lifting worktop

CE



3027N 50

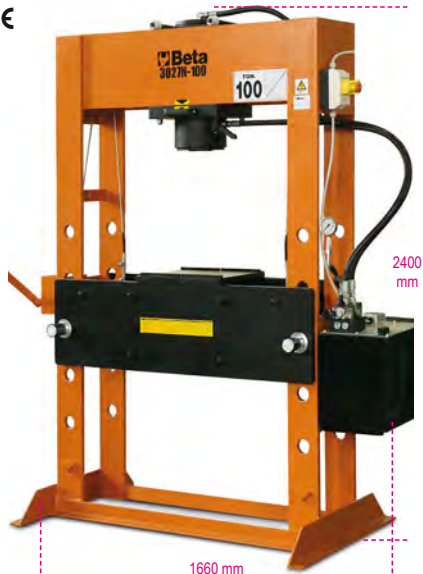
1 030270105

## 3027N 100

motorized electro-hydraulic press with moving piston and hoist

- maximum capacity: 100 t
- three-phase motor: 230-400 V
- frequency: 50 Hz
- electric motor power: 3 kW
- two-speed electro-hydraulic pump
- operated by a three-position lever distributor: feed-neutral-return
- moving piston
- piston Ø: 100 mm
- worktop lifting by means of a steel rope hoist
- power cord with 4-pole industrial plug (380V)
- motor oil included

CE



3027N 100 1 030270110

## 3027N/KP

set of pin punches and plate for press 3027N



3027N/KP10-20	3027N10-20	1	030270511
3027N/KP30	3027N 30	1	030270531
3027N/KP50	3027N 50	1	030270541
3027N/KP100	3027N 100	1	030270552

## 3027N/KPP

pedal control for hydraulic presses 3027N



3027N/KPP10	3027N 10-20-30	1	030270560
3027N/KPP50	3027N 50	1	030270565

## 3027PR/N

press supporting tool for removal/insertion of hubs, bearings and silent blocks

Universal device allowing user to install/remove hubs, bearings and silent blocks into/from their housings by operating via a press, through a supporting base and dedicated accessories. Designed to adapt to irregular geometric shapes of hubs/king pins on which operator must work. Can be used with presses 3027N and 3028.



Technical data:  
 • Working range: min. 135 mm - max. 150 mm  
 • Maximum load bearing capacity: 20 t

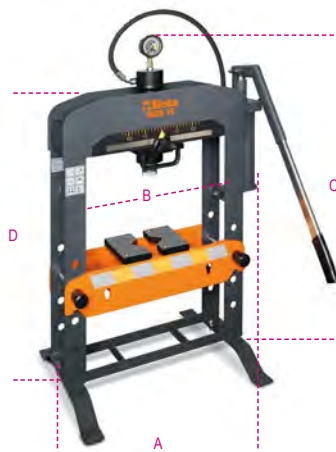
	L mm	P mm	
3027PR/N	250	200	1 030270410

## 3028 15

hydraulic bench press with moving piston

maximum capacity: 15 t  
 vertical top adjustment  
 sliding piston

CE



A mm	B mm	C mm	D mm	
1010	565	480	80+370	1 030280015

## 3028SP/15

protective screen for press 3028 15



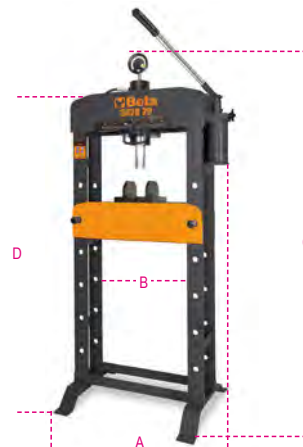
3028SP/15	1	030280016
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## 3028 20

hydraulic press with moving piston

maximum capacity: 20 t  
 vertically adjustable top  
 sliding piston

CE



A mm	B mm	C mm	D mm	
850	540	1830	1602	1 030280020

## 3028SP/20

protective screen for presses 3028 20



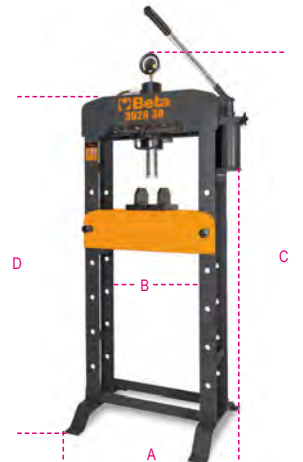
3028SP/20	1	030280021
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## 3028 30

hydraulic press with moving piston

maximum capacity: 30 t  
 vertically adjustable top  
 sliding piston

CE



A mm	B mm	C mm	D mm	
850	540	1850	1650	1 030280030

### 3028SP/30

protective screen  
for presses 3028 30



3028SP/30

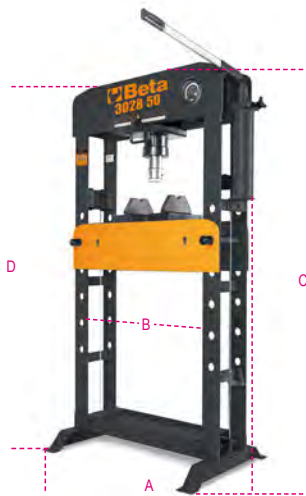
1 030280031

### 3028 50

hydraulic press with moving piston and hoist

maximum capacity: 50 t  
vertical top adjustment through hoist  
sliding piston

CE



A mm 1100  
B mm 750  
C mm 1850  
E mm 820

1 030280050

### 3028SP/50

protective screen  
for presses 3028 50



3028SP/50

1 030280051

### 3028/KP

kit of pin punches and plate  
for presses 3028



3028/KP

1 030280055



### 3029/2T

lowered hydraulic jack, 2 t, with 4 wheels

- Quick approach pedal
- Steel frame and nylon wheels
- Minimum height: 75 mm

CE



3029/2T

1 030290020

### 3029L/2T

long, lowered jack, 2 t

Makes it possible to work on vehicles with reduced height  
from the ground and internal lifting point

- Controlled descent speed
- Quick approach pedal
- Nylon wheels

CE



3029L/2T

1 030290120

### 3029/2T-L/RP

spare 85-mm rubber plate for items  
3029/2T and 3029L/2T



3029/2T-L/RP

1 030290502

### 3029/2T-L/R6

spare rear wheel  
for items 3029/2T, 3029L/2T, 3030H/2T,  
3033E/3T



3029/2T-L/R6

1 030290506

### 3029/2T-L/R5

spare front wheel for  
jacks item 3029/2T and item 3029L/2T



3029/2T-L/R5

1 030290505

### 3029AL/1.5T

aluminium hydraulic jack, 1.5 t

Features:

- Steel frame
- Convenient handle for transportation
- Nylon transportation bag included
- Nylon wheels
- Rubber-coated plate

Not suitable for intensive use

CE



H min-max 88±358 L 550 L1 240 1 030290015

### 3029AL/1,5T-R1

spare front wheel  
for jack 3029AL/1.5T



3029AL/1,5T-R1

1 030290530

### 3029AL/1,5T-R2

spare rear wheel  
for jack 3029AL/1.5T



3029AL/1,5T-R2 1 030290531

### 3029AL/1,5T-RP

spare rubber plate  
for jack 3029AL/1.5T-RP



3029AL/1,5T-RP 1 030290532

### 3030/2T

lowered car jack, 2 t  
with 6 wheels

- dual front tilting wheels made of plastic material (PTFE)
- car jack can be easily handled on uneven, irregular floors
- maximum capacity: 2 tons

CE



3030/2T 1 030300020  
43 kg

### 3030/2T-R5

front wheel with pin for jack 3030 2T



3030 2T/R5 1 030300505

### 3030/2T-R6

spare rear wheel for item 3030/2T



3030 2T/R6 1 030300506

### 3030/2TRP

spare 85-mm rubber plate  
for item 3030/2T



3030/2TRP 5 030300501

### 3030H/2T

high-lift hydraulic jack,  
2 t, with 6 wheels

- makes it possible to work on vehicles that are high from the ground and have a long shock absorber travel • controlled descent speed
- quick approach pedal
  - nylon wheels

CE



H	L	L1
min-Max mm	mm	mm
85÷780	1010	300

1 030300220

### 3033/3T

hydraulic jack, 3t  
long version

- For use on commercial vehicles
- Maximum capacity: 3 t
- Polyamide wheels

CE



3033/3T 1 030330030

### 3033E/3T

hydraulic jack,  
3 t

- controlled descent speed
- nylon wheels

CE



H	L	L1
min-Max mm	mm	mm
95÷515	700	370

1 030330130

### 3033S 3T/R2

spare front wheel  
for jack 3033E/3T



3033S 3T/R2 1 030330532





# Beta

## 3035

tyre trolley

- 2 castors Ø 260 mm
- 2 castors Ø 125 mm
- Maximum carrying capacity: 200 kg
- Forks can be adjusted in 2 positions:  
first position: maximum opening 880 mm  
second position: maximum opening 980 mm
- Can be used as a top by locking position horizontally



3035 1 030350100

## 3036

wheel handling base

Non-marking rubber castors



3036 1 030360063

## 3061/2T

air hydraulic jack, 2 tons - 2 stages



- Fitted with:
- high-resistance three-layer diaphragm and internal telescopic guide
  - end-of-stroke stop and overloading safety valve
  - can also be used on auto lifts

TECHNICAL DATA  
capacity: 2 t  
weight: 14 kg  
power supply pressure: 8-10 bar  
height: min. 132 - max. 326 mm

3061/2T 1 030610020

## 3061/2T-P50

50-mm extension for item 3061/2T



3061/2T P50 1 030610021

## 3061/2T-P100

100-mm extension for item 3061/2T



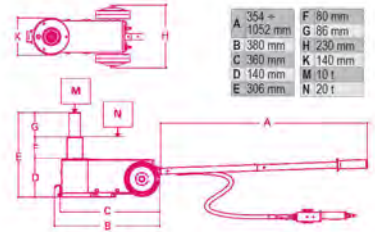
3061/2T P100 1 030610022



## 3065/20-10T

air hydraulic jack, 20-10 t, with case

Portable and lightweight, ideal for road assistance operations



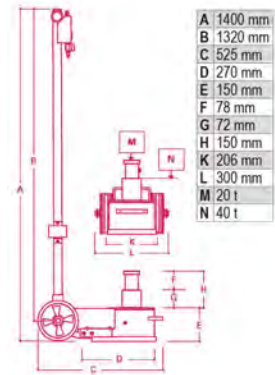
- Supplied with two extensions, 75 and 60 mm long

TECHNICAL DATA  
capacity: 20-10 t  
weight: 23 kg  
power supply pressure: 8-10 bar  
air consumption: 400 nl/min

3065/20-10T 1 030650100

## 3065/40-20T

air hydraulic jack, 40/20 tons



- suitable for use on heavy vehicles
- functional and easy to handle, for transportation on mobile repair shops as well
- automatic piston return
- two descent valves with under load speed control

TECHNICAL DATA  
capacity: 40/20 tons  
weight: 39 kg  
power supply pressure: 8-10 bar  
air consumption: 400 l/min

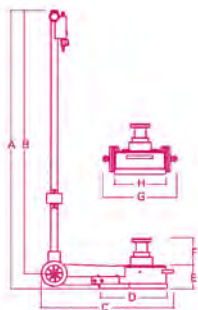
3065/40-20T 1 030650200

## 3067/60-15T

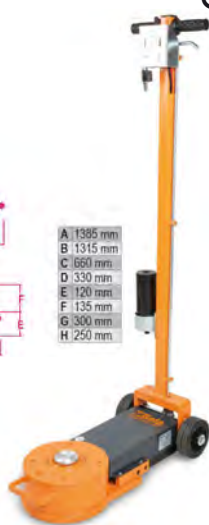
air hydraulic jack, 60-30-15 t

With a minimum height of no more than 120 mm, it is particularly suitable for use on buses, coaches and public means of transport

CE



A	1385 mm
B	1315 mm
C	660 mm
D	330 mm
E	120 mm
F	135 mm
G	300 mm
H	250 mm



- Automatic piston return
- Two descent valves with under load speed control
- supplied with two extensions, 70 and 120 mm long

### TECHNICAL DATA

capacity: 60-30-15 t  
weight: 56 kg  
power supply pressure: 8-10 bar  
air consumption: 600 l/min

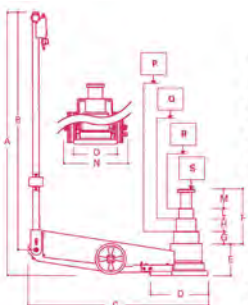
3067/60-15T

1 030670120

## 3067/70-13T

air hydraulic jack, 70-43-23-13 t

CE



A	1430 mm
B	1320 mm
C	1000 mm
D	320 mm
E	150 mm
F	250 mm
G	60 mm
H	68 mm
L	56 mm
M	66 mm
N	350 mm
O	240 mm
P	70 t
Q	43 t
R	23 t
S	13 t



Long version, suitable for use on lorries, articulated vehicles, buses and coaches, and agricultural machines

- automatic piston return
- two descent valves with under load speed control

### TECHNICAL DATA

capacity: 70-43-23-13 tons  
weight: 74 kg  
power supply pressure: 8-10 bar  
air consumption: 600 l/min

3067/70-13T

1 030670130

## 3068

manual pallet jack with short forks

CE



### Technical data:

- maximum capacity: 2500 kg
- overall length: 1200 mm
- fork length: 800 mm
- fork width: 540 mm
- individual fork width: 160 mm
- lever height: 1230 mm
- max. lifting height: 115 mm

3068

1 030680000

## 3069

manual pallet jack

CE



### Technical data:

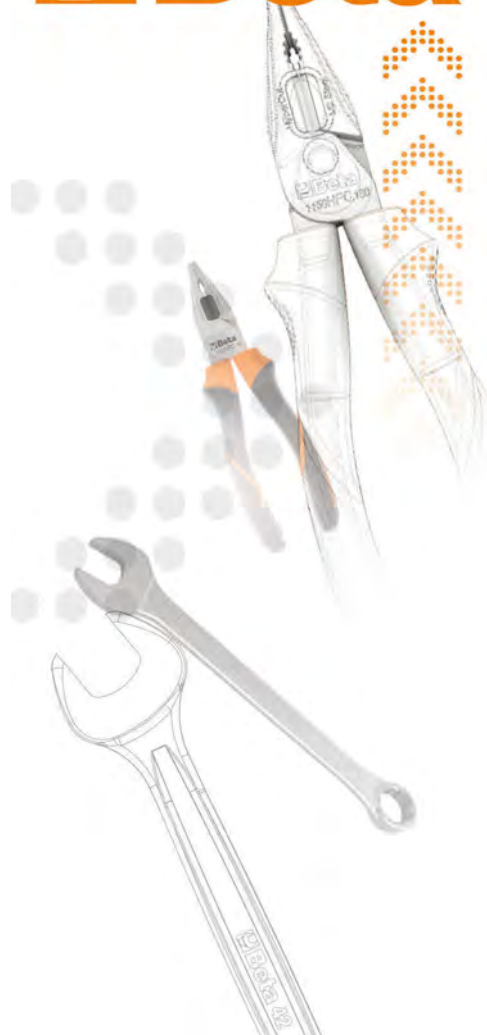
- maximum capacity: 2500 kg
- overall length: 1550 mm
- fork length: 1150 mm
- fork width: 540 mm
- individual fork width: 160 mm
- lever height: 1230 mm
- max. lifting height: 115 mm
- pallet storage corridor: 800x1200 lengthwise: 1805 mm
- turning radius: 1347 mm

3069

1 030690000



# Beta





# MOTORCYCLE TOOLS



Beta's family of motorcycle repair tools comprises purpose-designed products for the motorcycle industry.

Our products are regularly updated, their quality being highly appreciated by the engineers and mechanics of the best racing teams in the Road Racing World Championship Grand Prix, Superbike World Championship, Motocross World Championship and World Enduro Championship.



### 3040C

rear motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes V-shaped sliders, pair
- Includes L-shaped sliders, pair



3040C 1 030400002

### 3040C/S1

V-shaped sliders, pair, for item 3040C



3040C/S1 1 030400503

### 3040C/S2

rubber L-shaped sliders, pair, for item 3040C



3040C/S2 1 030400504

### 3041C

front motorcycle stand, adjustable

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes roller sliders, pair
- Includes cone-shaped sliders, pair



3041C 1 030410002

### 3041C/12

roller sliders, pair, for item 3041C



3041C/12 1 030410512

### 3041C/16

cone-shaped sliders, for item 3041C



3041C/16 1 030410516

### 3042C

front stand for motorcycle steering pin

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes 8-pin kit Ø 13 - 15 - 15.5 - 17 - 19 - 20 - 21 - 27



3042C 1 030420002

### 3043C

motorcycle stand with left single arm

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Optional pin



3043C 1 030430002

### 3043C/ 41÷47

pin for item 3043C



	Ø mm	1
3043C/41 Ducati	21,5 ÷ 25,5	1 030430551
3043C/42 KTM - Triumph	27,5	1 030430552
3043C/43 MV	42,5	1 030430553
3043C/44 Ducati	40,5	1 030430554
3043C/45 Honda	28,5	1 030430555
3043C/47 BMW	53,5	1 030430557

### 3047C

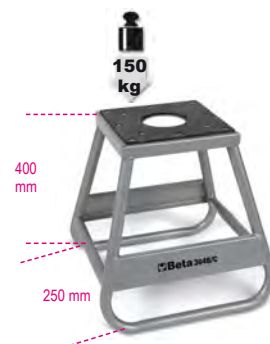
pedal stand for cross/enduro motorcycles



3047C 1 030470002

### 3048C

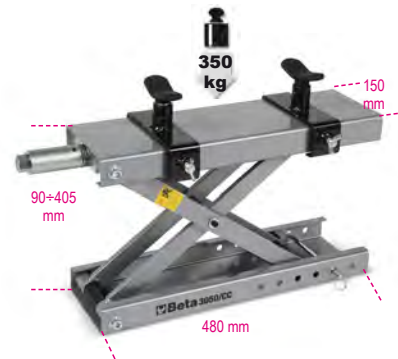
Steel racing cross stand



3048C 1 030480002

### 3050/CC

chock cradle centre stand for Custom, Enduro, Cross, Scooter motorcycles includes adjustable support kit



3050/CC 1 030500012

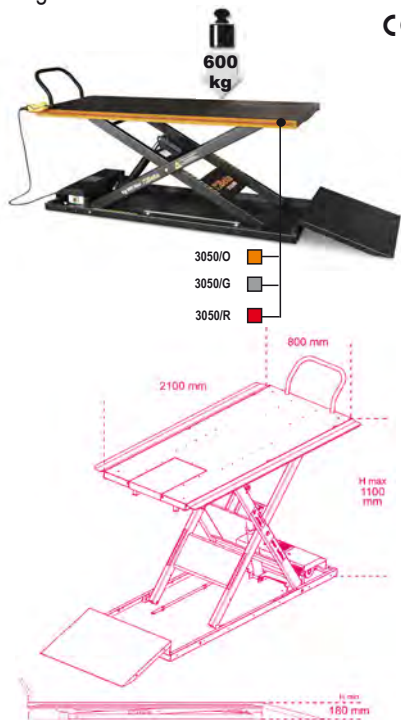


## 3050/600

electro-hydraulic motorcycle jack,  
600 kg



CE



### Technical specifications:

- Electrical, mechanical and hydraulic safety devices
- Capacity: 600 kg
- Integrated electro-hydraulic unit: 230V - 50 Hz
- Hydraulic pump
- Controlled downward speed
- Safety fuses for protection in case of cable cuts
- Control push button panel
- CE-certified, TÜV-approved

	L	L	H min	H Max		
	mm	mm	mm	mm		
3050/O	975	2100	185	1110	1	030500201
3050/G	975	2100	185	1110	1	030500202
3050/R	975	2100	185	1110	1	030500203

## 3050/KA

widening kit for jack item 3050/600



	A	B		
	mm	mm		
3050/KA-O	107,5	2100	1	030500221
3050/KA-G	107,5	2100	1	030500222
3050/KA-R	107,5	2100	1	030500223

## 3050/MS

wheel clamp for jack item 3050/600



allows motorcycle front wheel to be locked to bridge



3050/MS	1	030500032
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## 3050/MV

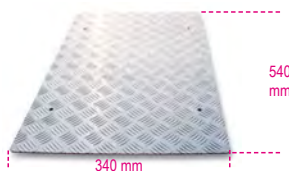
mechanical screw wheel clamp  
for jack 3050/600



3050/MV	1	030500034
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## 3050/LA

non-slip sheet metal top  
for jack item 3050/600



3050/LA	1	030500062
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## 9562T1

garage mat, 100X80 cm



particularly suitable for use under motorcycle tyre levers  
BETA 3071 and 3071B

- easy to clean, anti-skid rubber coated bottom



	L	H		
	cm	cm		
9562T1	100	80	1	095620150

## 9562T3

garage mat, 300x160 cm



- particularly suitable for use under motorcycle jacks

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



	L	H		
	cm	cm		
9562T3	300	160	1	095620300

## 3054

moving base for central stand or motorcycle  
rear wheel  
with extension for side stand



	max			
	kg			
3054	500	1	030540000	

## 3055M

automatic van clamp



Allows motorcycle front wheel  
to be fixed



3055M	1	030550002
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## 3057

aluminium ramp for loading/unloading  
motorcycles



3057	1	030570001
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**Beta**  
50 Years in Motorsports

## 3070B

manual static balancer



- Allows wheel balancing both in the workshop and on racing tracks
- Equipped with rolling bearings, rabbet level and adjustable feet for unparalleled precision
- Comes with 2 hub cones

3070B 1 030700100

## 3070B/...

balancing rod  
for balancer 3070B



	Ø1 mm	Ø2 mm	L mm		
3070B/10	30	10	410	1	030700101
3070B/12	30	12	415	1	030700102
3070B/14	40	14	415	1	030700103

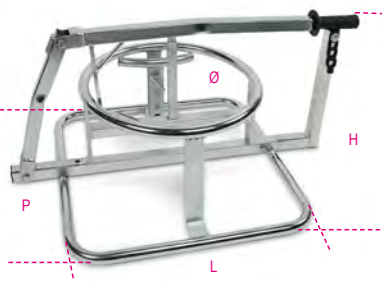
## 3071A

manual tyre lever for cross and enduro motorcycles



Allows easy and quick tyre removal in racing fields; based on sturdy, wide frame made of galvanized steel, it provides firmness during tyre removal. Can be installed on BETA 3071RS bracket, for increased convenience

- Features:
- Ergonomic rubber handle, for easy, safe lever hold
  - With rubber retainer for locking rod during transportation
  - Can be used to install cross and enduro tyres, 17" ÷ 21".



	L mm	H mm	P mm	Ø mm		
3071A	570	400	850	440	1	030710000

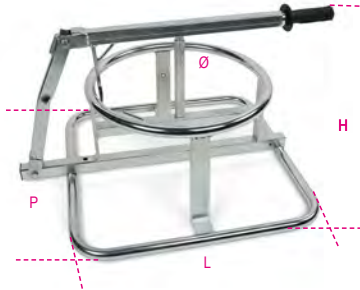
## 3071B

manual tyre lever for mini bikes and mini dirt bikes



Allows easy and quick tyre removal in racing fields; based on sturdy, wide frame made of galvanized steel, it provides firmness during tyre removal. Can be installed on BETA 3071RS bracket, for increased convenience

- Features:
- Ergonomic rubber handle, for easy, safe lever hold
  - Can be used to install most mini bike and mini dirty bike tyres.



	L mm	H mm	P mm	Ø mm		
3071B	570	330	650	340	1	030710010

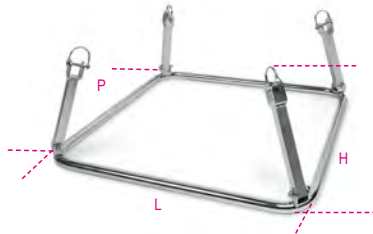
## 3071RS

bracket for BETA 3071A and 3071B tyre levers



Used to elevate BETA 3071A and 3071B tyre levers, making tyre removal easier; frame made from galvanized steel, with square base for increased firmness.

- With 4 fixing hooks



	L mm	H mm	P mm		
3071RS	670	275	670	1	030710020

## 962C

tyre levers, pair,  
for cross and enduro motorcycles, mini bikes  
and mini dirty bikes  
for use in combination with BETA 3071A and 3071B



	L mm	A mm		
962C	420	30	1	009620020

## 3072N

workbench rear motorcycle shock absorber dismantler, manual



Allows totally safe motorcycle rear shock absorber dismantling; based on its adjustable arms, it suits most rear shock absorbers; alternatively, it can be used with the supplied plate.

- optional locking rings

### Features

- Suitable for use on most motorcycle rear shock absorbers
- Vertically adjustable in 8 positions
- 3 adjustable arms with vertically adjustable retainers
- shock absorber locking plate
- with pantograph jack
- with rubber feet
- with shock absorber lock pin

### Technical data

Jack extension: max. 130 mm  
Arm extension: max. 55 mm  
Retainer extension: max. 18 mm  
Thrust: max. 1 t



	L mm	H mm	P mm		
3072N	390	785	390	1	030720010

## 3073

universal fork oil seal driver fitting tool



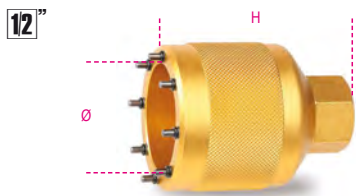
for fork tube diameters 35 ÷ 48 mm



3073 1 030730001

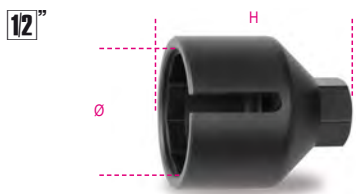


**30740**  
electronic Ohlins fork cap wrench



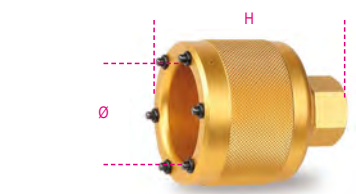
	H mm	Ø mm	
30740	70,5	50,5	1 030740001

**30740/S**  
Sachs fork wrench  
for DUCATI Multistrada



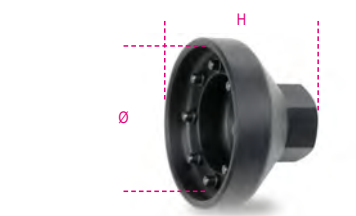
	H mm	Ø mm	
30740/S	75	65	1 030740002

**30740/M**  
Marzocchi fork wrench  
for DUCATI 1199 and Hypermotard



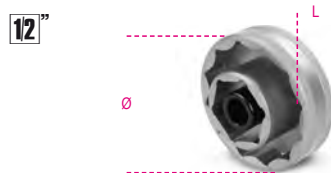
	H mm	Ø mm	
30740/M	69	55	1 030740003

**30740/2**  
Octagonal Ohlins fork wrench for DUCATI motorcycles



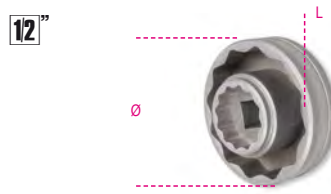
	H mm	Ø mm	
30740/2	45	65	1 030740004

**3075B**  
bi-hex socket  
for wheel hub nuts



	Ø mm	L mm	
3075B 55	55	70,7	25 1 030750155

**3075MV**  
bi-hex socket for MV AGUSTA wheel hub nuts



	Ø mm	L mm	
3075MV 56	56	70,7	30 1 030750156

**3075/CM**  
multiple hexagon socket  
for wheel pins



3075/CM	1 030750212
12-14-17-19-22-24 mm	

**3075/K10**  
set with a universal wrench with interchangeable head and 10 bits, for tightening wheel spokes  
Sizes: 5.2 - 5.4 - 5.6 - 5.8 - 6.0 - 6.2 - 6.4 - 6.6 - 6.8 - 7.0



3075/K10	1 030750410
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**3080/C15**  
chain opening and riveting kit



Ø 3-4-5 mm and Regina kit



3080/C15	1 030800015
420x185x60 mm	

**3080R/CS3**  
kit with 3 spare pin punches for chain tool 3080/C15



Ø 3-4-5 mm



3080R/CS3	1 030800503
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**3081**  
portable chain tool



Sturdy and foldable, easily fitting into enduro tool bags.  
Suitable for chain sizes 415, 420, 428, 520, 525, 530, 532



3081	1 030810010
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**3085**  
tool for retracting brake pistons



Suitable for motorcycle and scooter brake callipers



3085	1 030850010
------	-------------

**3091**  
flywheel pullers  
with internal thread



	M		
3091/25	27x1,0	1	030910025
3091/30	28x1,0	1	030910030
3091/40	30x1,0	1	030910040
3091/45	30x1,5	1	030910045
3091/50	32x1,5	1	030910050
3091/60	33x1,5	1	030910060
3091/70	35x1,0	1	030910070
3091/75	35x1,5	1	030910075
3091/80	38x1,5	1	030910080

**3092**  
flywheel pullers  
with external thread



	M		
3092/25	27x1,0	1	030920025
3092/50	26-28x1,0	1	030920050
3092/60	28x1,5	1	030920060

**3093/E**  
tool for locking flywheel, clutch bell and pulleys



3093/E	1	030930100
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**3093/U**  
multiple flywheel puller



3093/U	1	030930050
M10x1.25R		
M14x1.5R		
M16x1.5R		
M18x1.5R		
M24x1.0R		
M27x1.0L		

**3095**  
workbench stand for motorcycle engines



adjustable mounting brackets, for convenient, effortless workbench jobs on motorcycle engines



	H	P	L	L1		
	mm	mm	mm	mm		
3095	360	460	640	460	1	030950001

**3099E**  
outdoor motorcycle cover, water and dust resistant  
protects paint from scratches, dust and sunlight



**Available Sizes:**  
Size "M" recommended for sports and naked motorcycles and mid-size scooters  
Size "L" recommended for maxi enduro and crossover motorcycles

	M		
3099E/M	1	030990102	
3099E/L	1	030990103	

**3099T**  
indoor motorcycle cover, made from stretch fabric  
protects paint from scratches, dust and sunlight



**Available Sizes:**  
Size "M" recommended for sports and naked motorcycles and mid-size scooters  
Size "L" recommended for maxi enduro and crossover motorcycles  
Size "XL" recommended for super touring motorcycles

	Tg		
3099T/M	M	1	030990202
3099T/L	L	1	030990203
3099T/XL	XL	1	030990204



**Beta**







# BICYCLE TOOLS



Beta has always been involved with cycling. This section, focused on bicycle tools developed for cycling professionals, deals with an accurate selection of products designed for bicycle and e-bike maintenance.



Tour de France winner 2020, 2021 e 2024  
Giro d'Italia winner 2024



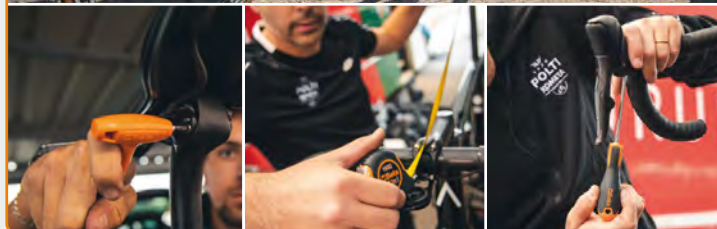
Partnership 2024



Official contributor  
POLTI KOMETA cycling



Partnership 2024



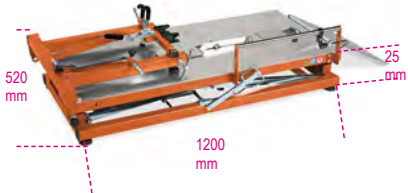
## 3910

E-Bike lift



- Maximum carrying capacity: 40 kg
- Maximum height of central movement support: 135 cm
- Built-in wheel truing stand
- Innovative thru-axle locking system
- Supplied with adapter sockets for most forks
- Supplied with fork connection adapter without thru-axle
- Fully foldable and transportable
- Lift weight: 48kg

CE



3910 1 039100010

## 3912TP



TOP workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Tool drawer with ball bearing slides (490x365x90 mm)
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912TP 1 039120050

## 3912PP



PRO workshop workbench for bicycle maintenance

- With support for central movement, with safety pin
- Built-in wheel truing stand
- Innovative thru-axle locking system



3912PP 1 039120150

## 3912TP/A



adapter socket for thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L	Ø	Ø1
mm	mm	mm
39	30	5

1 039120052

## 3912TP/C



universal adapter socket for thru-axle forks, hexagon socket tightening

For workbenches 3912TP, 3912PP and 3910



L	Ø
mm	mm
29	30

1 039120054

## 3912TP/FOX



adapter sockets for FOX® forks

For workbenches 3912TP, 3912PP and 3910



L
mm
38

1 039120058

## 3912TP/QRE



adapter pin for forks without thru-axes

For workbenches 3912TP, 3912PP and 3910



L
mm
108

1 039120064

## 3912TP/ROAD



adapter socket for road forks

For workbenches 3912TP, 3912PP and 3910



L	Ø
mm	mm
33	35

1 039120060

## 3912TP/RS



adapter socket for ROCKSHOX® thru-axle forks

For workbenches 3912TP, 3912PP and 3910



L	Ø
mm	mm
35	30

1 039120056

## 3912TP/ST



adapter socket for SUNTOUR forks

For workbenches 3912TP, 3912PP and 3910



L	Ø	Ø1
mm	mm	mm
31	30	18

1 039120062



## 3916MMP

workshop single-sided clamp for bicycle maintenance

- Clamp can be rotated 360°, with floating jaws and micrometric adjustment
- Carrying capacity: 25 kg
- Plastic tool tray



3916MMP 1 039160150

## 3918MML

single-sided clamp, lightweight, foldable

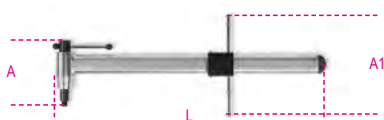
- Clamp can be rotated 360°
- Carrying capacity: 15 kg
- Maximum clamp height: 150 cm



3918MML 1 039180010

## 3921

derailleur hanger alignment gauge

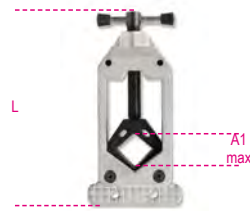


L mm	A mm	A1 mm
440	115	165

1 039210010

## 3923

blade guide tool for cutting airfoil shaped seatposts up to 80 mm and tubes 1" ÷ 1.1/2"



L mm	A1 max mm	Ø max mm
160	80	45

1 039230010

## 3927

handlebar clamp



L mm
365

1 039270010

## 3932U

professional chain tool compatible with chains from 5 to 11 speeds



L mm	L1 mm
164	115

1 039320011

## 3935

chain wear indicator



L mm
120

1 039350010

## 3937

missing link pliers

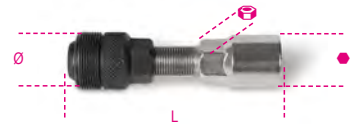


L mm
170

1 039370010

## 3948

crank extractor



mm	L mm	Ø mm	S1 mm
14	79	20	15

1 039480015

## 3952

simple cone wrench



mm	L mm	S1 mm
13	205	2
14	205	2
15	205	2
16	205	2
17	205	2
18	205	2
19	205	2
20	205	2
21	205	2
22	205	2
24	205	2

2 039520013  
2 039520014  
2 039520015  
2 039520016  
2 039520017  
2 039520018  
2 039520019  
1 039520020  
1 039520021  
1 039520022  
1 039520024



3952/S7 1 039520207

13-14-15-16  
17-18-19 mm

3952/S11 1 039520211

13-14-15-16  
17-18-19-20-21-22-24 mm

## 3953

pedal wrench



mm	L mm
15	401

1 039530015

## 3955

open end wrenches for universal headsets



mm	L mm
30x32	292
32x36	319

1 039550108  
1 039550114

**3961 3,2**  
spoke wrench, black, 3.2 mm



L mm  
3,2 1 039610032

**3961 3,3**  
spoke wrench, green, 3.3 mm



L mm  
3,3 1 039610033

**3961 3,5**  
spoke wrench, red, 3.5 mm



L mm  
3,5 1 039610035

**3961U**  
professional spoke wrench, 3.2 - 4.0 mm



L mm  
3,2 - 4,0 1 039610100

**3962SH**  
double spoke wrench for Shimano



L mm A1 mm A2 mm  
132 4,3 4,4 1 039620010

**3962MV**  
double spoke wrench for Mavic



L mm A1 mm A2 mm  
135 4,3 8,4 1 039620020

**3963P**  
special wrench for flat spokes



L mm  
129 1 039630010

**3964**  
special nipple driver



L mm L1 mm  
170 89 1 039640010

**3965**  
wheel alignment gauge,  $\varnothing 20'' \div 29''$

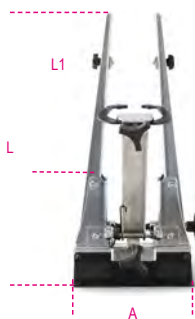


L mm  
680 1 039650010

**3965C**  
professional wheel truing stand



- For  $\varnothing 20'' \div 29''$
- Through axle hub adapter,  $10 \div 20\text{mm}$



L mm L1 mm A mm  
500 380 285 1 039650110

**3967**  
sprocket removal wrench with chain whip



- Caters for up to 11 speed cassettes
- 2PVC handle
- Also suitable for fixed wheels



L mm  
289 1 039670010

**3969**  
tyre lever



L mm A mm  
200 15,6 1 039690010

**3969K3**  
kit with 3 tyre levers, made of plastic



L mm  
113 1 039690130

**3971**  
wrench for Shimano plastic bolts



- Suitable for Shimano Hollowtech II cranksets



N° tacche mm  
8 8 1 039710010

**3972**  
bottom bracket removal wrench



- Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®



L mm  
252 1 039720010

**3973PF**  
Press-Fit bearing removal tool



- Suitable for inside  $\varnothing 24\text{ mm}$  and  $30\text{ mm}$

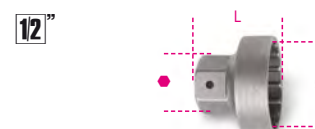


L mm  
240 1 039730001

**3973/1**  
16-notch bottom bracket removal socket



- Suitable for Shimano® XTR BB93, Dura-Ace® BB9000

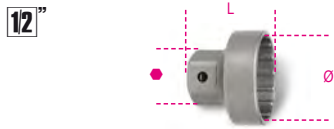


12"  $\varnothing$  mm  $\bullet$  mm L mm  
39 24 34 1 039730010

### 3973/2

16-notch bottom bracket removal socket

• Suitable for Shimano® BBR60 (Ultegra® 11 speeds)

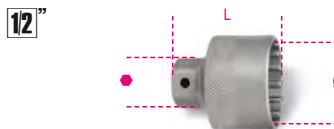


Ø mm	● mm	L mm	1	039730020
41	24	35		

### 3973/3

16-notch bottom bracket removal socket

• Suitable for Shimano® Hollowtech II, Campagnolo® Ultra-torque, FSA®, SRAM®

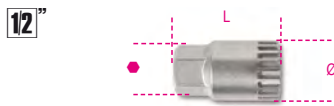


Ø int. mm	● mm	L mm	1	039730030
46	24	53,5		

### 3973/4

20-notch bottom bracket removal socket with central pin, nickel-plated

• Suitable for Shimano and ISIS



Ø mm	L mm	● mm	1	039730040
31,5	55	24		

### 3975

steering and bearing cap press

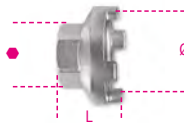
• suitable for assembly of steering caps 1", 1.1/8", 1.1/4", 1.1/2" and 2"  
NB: Not to be used with "zero stack" caps



L mm	Ø mm	1	039750010
360	16x1		

### 3984/1

BMX freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	1	039840010
35	25,5	24		

### 3984/2

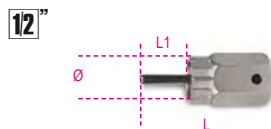
Shimano freewheel removal wrench



Ø mm	L mm	● mm	1	039840020
22,8	26	24		

### 3984/3

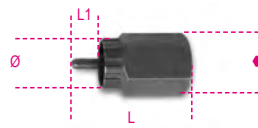
Shimano freewheel removal wrench, cassette with guide pin



Ø mm	L mm	L1 mm	1	039840030
23,5	65	25		

### 3984/4

Campagnolo freewheel removal wrench, with guide pin



Ø mm	L mm	L1 mm	● mm	1	039840040
23	51	13	24		

### 3984/5

freewheel removal wrench, 2 grafts



Ø mm	L mm	● mm	1	039840050
18,5	38	21		

### 3984/6

freewheel removal wrench, 4 grafts



Ø mm	L mm	● mm	1	039840060
19,5	36	21		

### 3991

lever for pushing back disc brake pads



L mm	A mm	α	1	039910010
222	36	7°		

### 3992

disc brake straightener



L mm	S mm	A mm	A1 mm	1	039920010
234	4	55	2,2		

### 2115PI/BIKE-HOME



2115PI/BIKE-HOME	354
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### M400



M400	554
MV400	554

### M401



M401	554
MV401	554

### MM400



MM400	558
MMV400	558

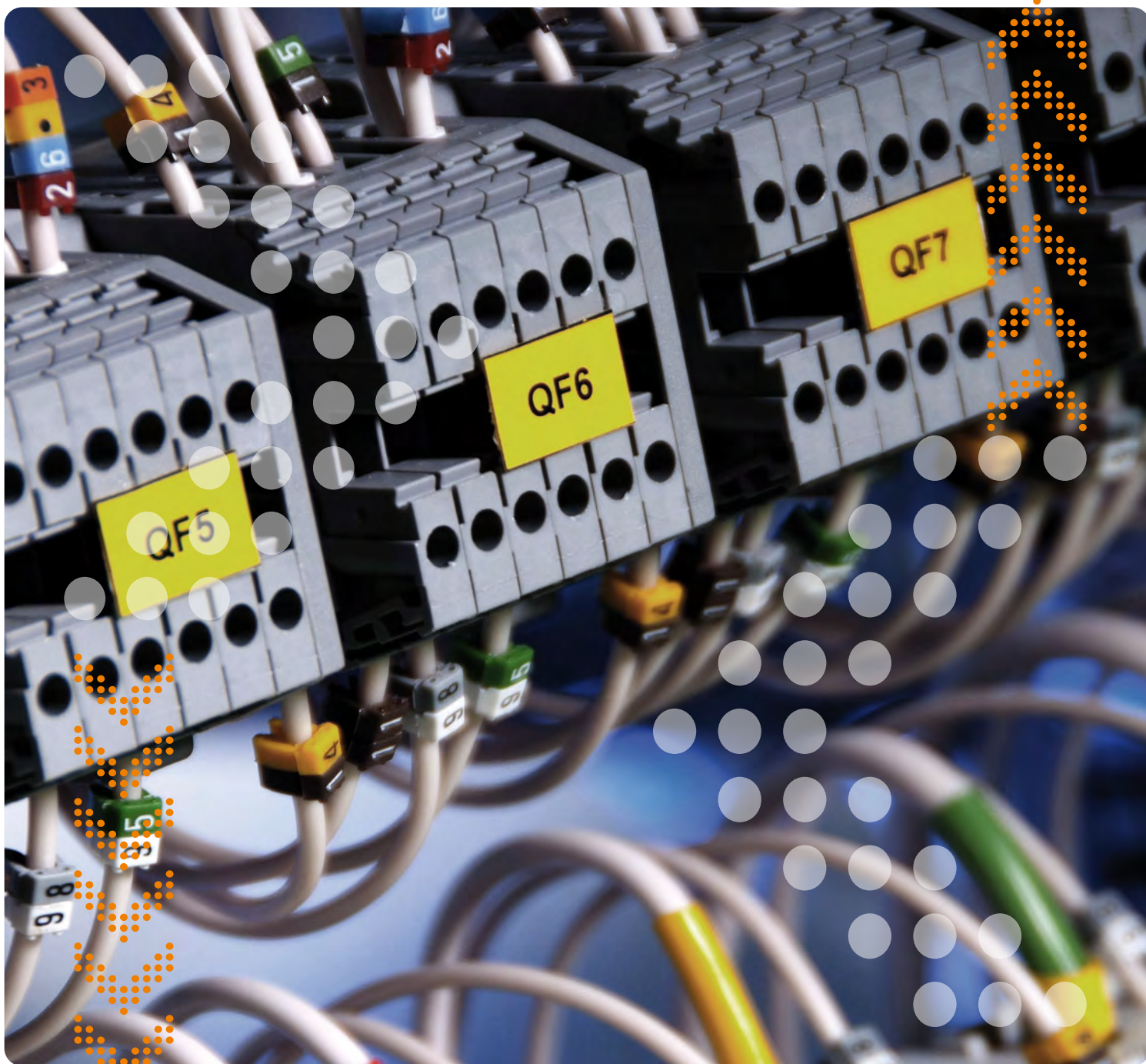
### MM401



MM401	559
MMV401	559



# INSULATED TOOLS



Beta Utensili's insulated tools are meant to guarantee installation and electrical maintenance men's safety.

All of the insulated tools make it possible to work on systems up to 1000V on alternating current and up to 1500V on direct current.

To provide the highest quality and performance standards and verify fitness and compliance with EN 60900, each tool is subjected to the following stringent tests: handle resistance to slipping and flame propagation, and high voltage test (10000V). For assortments and thermoformed trays, see relevant sections.

All of Beta's insulated tools are built in accordance with the specifications of EN60900 and are approved by the best European certification institutions



Istituto Italiano del Marchio di Qualità - I



Verband der Elektrotechnik  
Elektronik Informationstechnik - D

## SAFETY TESTS: tested at 10,000 V to work on 1,000 V electrical installations.

Beta's high-insulation tools are tested piece by piece at 10 kV, with a view to providing unparalleled quality for working instruments which are required to ensure ultra-high safety standards: they make it possible to work at voltages up to 1,000 V a.c. (1,500 V d.c.).

### SAFETY STANDARDS:

Although extremely stringent tests are performed during production, before using a tool, the operator must always check the insulating handle for tears, modifications or damage. Keeping the dielectric properties unchanged in time is closely connected with the mechanical, chemical or thermal stress the tool may be subjected to. In case the insulator should get damaged, the tool cannot be considered safe for use in live installations. Always wear protective goggles and insulated gloves.

## TESTS PERFORMED DURING PRODUCTION



### 100% visual test:

All the surface finishes of the tools must be free from externally visible defects



### Crash test:

After 2 hours at -25 °C, the tool is hit three times (by such a specific weight as provided for by the standard); the insulating handle must not show any signs of damage.



### Penetration test:

A weight of 2 kg is applied to the tool handle at +70 °C for two hours. Later a voltage of 5 kV is applied to the area that is subjected to mechanical pressure for 3 minutes. No signs of current passing through must be shown.



### Mechanical test:

The tools must satisfy such mechanical performance requirements as provided for in the relevant ISO standards



### Flame propagation test:

A flame is directed towards the tool for 10 seconds; during the next 20 seconds, the flame must not exceed a height of 120 mm.



### Dimensional test:

All the dimensions of the tools must comply with the design specifications.



### Electrical insulation test:

Following immersion in water for 24 hours, the tool is subjected to a voltage of 10 kV for 3 minutes. Current dissipation must not exceed such values as provided for by the standard.



500N

### Adhesion test:

after 168 hours at +70 °C, the tool is subjected to a load of 500 N to check that the handle does not slip off.



### Marking indelibility test:

Following the friction test with isopropyl alcohol, markings must remain legible.



## 52MQ

single open end wrenches



EN 60900

mm	L mm		
★6	90	1	000520106
★7	96	1	000520107
★8	100	1	000520108
★9	108	1	000520109
★10	110	1	000520110
★11	120	1	000520111
★12	132	1	000520112
★13	140	1	000520113
★14	146	1	000520114
★15	166	1	000520115
★16	156	1	000520116
★17	168	1	000520117
★18	170	1	000520118
★19	176	1	000520119
21	190	1	000520121
★22	200	1	000520122
★24	225	1	000520124
★27	210	1	000520127
★30	240	1	000520130
★32	240	1	000520132

## 89MQ

single ring wrenches



EN 60900

mm	L mm		
★6	150	1	000890106
★7	155	1	000890107
★8	155	1	000890108
★9	160	1	000890109
★10	170	1	000890110
★11	180	1	000890111
★12	190	1	000890112
★13	195	1	000890113
★14	200	1	000890114
★15	210	1	000890115
★16	216	1	000890116
★17	218	1	000890117
★18	236	1	000890118
★19	240	1	000890119
21	250	1	000890121
★22	255	1	000890122
★24	280	1	000890124
★27	300	1	000890127
★30	320	1	000890130
★32	340	1	000890132

## 110MQ

adjustable wrench with scale



EN 60900

L mm	A max		
200	28	1	001100520
250	30	1	001100525
300	30	1	001100530

## 606MQ/50

click-type torque wrench  
with reversible ratchet



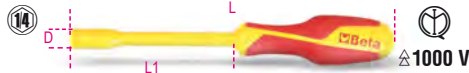
EN 60900  
UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50 1 006060705

## 850MQ

magnetic bit holder, insulated,  
with bimaterial handle



IMQ CSV  
EN 60900

L mm	L1 mm	D mm
233	125	12.5

## 910MQ/B

bi-hex sockets



EN 60900

Ø mm	L mm	Ø1 mm	Ø mm
6	45	14	24
7	45	15	24
*8	45	16	24
*9	45	17	24
*10	45	19	24
*11	45	20	24
*12	45	24	24
*13	45	24	24
*14	45	25	24
*15	45	27	24
*16	45	27,5	24
*17	45	30	24
*18	45	31	24
*19	45	32	24

## 910MQ/PE

socket drivers for hexagon screws



EN 60900

mm	Ø mm	L mm
4	24	100
*5	24,5	100
*6	25,0	100
*8	25,0	100
10	25,5	100

## 910MQ/TX

socket drivers  
for Torx(R) head screws

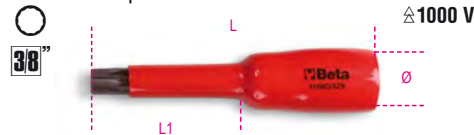


EN 60900

Ø mm	L mm	L1 mm
T15	116	61
T20	116	65
T25	116	65
T27	116	65
T30	116	65
T40	116	65

## 910MQ/XZN

socket drivers  
with XZN® profile



EN 60900

Ø mm	L mm	L1 mm
M8	106	57
M10	106	57

## 910MQ/PT

preset extensions  
with 3/8" female drive



EN 60900

Nm	L mm	L1 mm
12	80	35,5

## 910MQ/21

3/8" drive extension



EN 60900

L mm	Ø mm
140	13,4

## 910MQ/22

3/8" drive extension



EN 60900

L mm	Ø mm
265	13,4

## 910MQ/T

3/8" drive, T-handle



EN 60900

L mm	L1 mm
200	165

## 910MQ/55

3/8" drive reversible ratchet



EN 60900

L mm	D mm	A mm
203	41	67

## 910MQ/C16

8 bi-hex sockets,  
4 hexagon socket drivers  
and 4 accessories



EN 60900

910MQ/C16 1 009100917

	910MQ/B	8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
	910MQ/PE	4 - 5 - 6 - 8 mm
	910MQ/21	125 mm
	910MQ/22	250 mm
	910MQ/T	
	910MQ/55	



## 914MQ/A

hexagon hand sockets,  
3/8" female drive,  
made from special polyamide-based  
technopolymers  
Specially designed for batteries of hybrid and electric cars  
For use with torque wrench



EN 60900

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
8	17,5	45	20	2	009140008
10	20,5	45	20	2	009140010
13	24	45	20	2	009140013
17	30	45	22	2	009140017



EN 60900

914MQ-A/S4  
8-10-13-17 mm 1 009140054

## 920MQ/A

hexagon sockets



EN 60900

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
8	21,5	57	27,5	1	009200238
9	21,5	57	27,5	1	009200239
10	21,5	57	27,5	1	009200240
11	21,5	57	27,5	1	009200241
12	23,0	57	27,5	1	009200242
13	23,0	57	27,5	1	009200243
14	23,0	57	27,5	1	009200244
16	23,0	57	27,5	1	009200246
17	30,0	57	27,5	1	009200247
18	32,0	57	27,5	1	009200248
19	32,2	57	27,5	1	009200249
20	32,0	57	27,5	1	009200250
21	34,0	57	27,5	1	009200251
22	36,0	57	27,5	1	009200252
24	39,0	57	27,5	1	009200254
27	42,0	57	27,5	1	009200257
30	44,0	57	27,5	1	009200260
32	48,0	57	27,5	1	009200262

## 920MQ/PE

socket drivers for hexagon screws



EN 60900

	D	L	L1		
mm	mm	mm	mm		
4	28,5	94,50	10,5	1	009200264
*5	28,5	94,5	10,5	1	009200265
*6	28,5	94,5	10,5	1	009200266
*8	28,5	94,5	10,5	1	009200268
10	28,5	94,5	10,5	1	009200267
12	28,5	94,5	10,5	1	009200269

## 920MQ/21

1/2" square drive extension bar



EN 60900

L	Ø		
mm	mm		
135	28	1	009200804

## 920MQ/22

1/2" square drive extension bar



EN 60900

L	D		
mm	mm		
264	30	1	009200805

## 920MQ/T

1/2" square drive, T-handle



EN 60900

L	L1		
mm	mm		
200	163	1	009200807

## 920MQ/55A

1/2" square drive reversible ratchet  
with socket locking system



EN 60900

L	D	A		
mm	mm	mm		
240	50	89	1	009200809

## 920MQ/C16

9 hexagon sockets,  
3 socket drivers for hexagon screws  
and 4 accessories



EN 60900

920MQ/C16 1 009200917

920MQ/A	8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
920MQ/PE	5 - 6 - 8 mm
920MQ/21	135 mm
920MQ/22	264 mm
920MQ/55A	
920MQ/T	
420x280x60 mm - 5,2 kg	

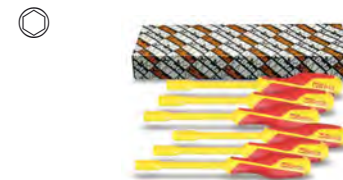
## 943MQ

hexagon nut spinners with handles



EN 60900

Ø	L	L1	D		
mm	mm	mm	mm		
5,5	233	125	12,2	1	009430235
6	233	125	12,5	1	009430236
7	240	125	14,3	1	009430237
8	240	125	15,3	1	009430238
10	252	125	17,3	1	009430240
13	252	125	21,3	1	009430243



943MQ/S6 1 009430250  
5,5-6-7-8-10-13 mm

## 951MQ

T-handle wrenches with hexagon  
male ends



EN 60900

	L	L1		
mm	mm	mm		
3	120	105	1	009510703
*4	165	105	1	009510704
*5	170	105	1	009510705
*6	168	105	1	009510706
*8	165	105	1	009510708
10	200	105	1	009510710

### 993MQ

bent knurled point spring tweezers



EN 60900

L			
mm			
147		1	009930040

### 994MQ

straight knurled point spring tweezers



EN 60900

L			
mm			
145		1	009940040

### 1010MQ

long round nose pliers



EN 60900

L	L1		
mm	mm		
160	51,5	1	010100096

### 1048MQ

slip joint pliers, boxed joint

• Chrome-plated finish



EN60900

L	A max	L1	
mm	mm	mm	
250	48	39	1 010480315

### 1082MQ

diagonal cutting nippers



EN 60900

L	L1	≠	
mm	mm	mm	
140	20	1,6	1 010820094
160	22	1,6	1 010820096

### 1084MQ

heavy duty diagonal cutting nippers



EN 60900

L	L1	≠	
mm	mm	mm	
200	26	2,0	1 010840100

### 1088MQ

end cutting nippers



EN 60900

L	L1	≠	
mm	mm	mm	
160	7	1,6	1 010880096

### 1128MQ

electrician's scissors, stainless steel blades, with microteeth



IEC60900

L	L1		
mm	mm		
145	45	1	011280101

### 1132MQ

cable cutter with insulated handles for copper and aluminium cables



EN 60900

L	≠		
mm	mm		
230	18	1	011320193

### 1142MQ

wire stripping pliers



EN 60900

L	≠		
mm	mm²		
160	0,5÷6	1	011420096

### 1150MQ

combination pliers, bright chrome-plated



EN 60900

L	L1	≠	
mm	mm	mm	
160	37	1,6	1 011500496
180	39	1,8	1 011500498
200	43	2,0	1 011500500
220	46	2,0	1 011500502

### 1162MQ

extra long flat nose pliers



EN 60900

L	L1	≠	
mm	mm	mm	
160	56	1,6	1 011620096
200	76	1,6	1 011620100

### 1164MQ

extra-long bent flat nose pliers



EN 60900

L	L1	≠	
mm	mm	mm	
160	54	1,6	1 011640096
200	76	1,6	1 011640100

### 1166MQ

extra long needle nose pliers



EN 60900

L	L1	≠	
mm	mm	mm	
160	56	1,6	1 011660096
200	76	1,6	1 011660100

### 1168MQ

extra long bent needle nose pliers



EN 60900

L mm	L1 mm	mm	
160	50	1,6	1 011680096
200	70	1,6	1 011680100

### 1169MQ/D2



1000 V

### 1169MQ/D2

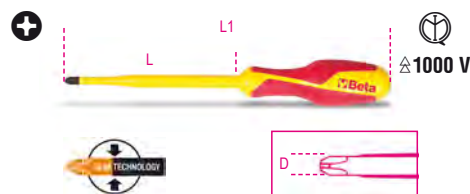
1150MQ	180 mm
1082MQ	160 mm

1 011690152

### 1272MQF

screwdrivers for cross head Phillips® screws

Slim



EN60900

PHxDxL mm	L1 mm	
1x4,5x80	180	3 012720609
2x6x100	208	3 012720618

### 1272MQ

screwdrivers  
for cross head Phillips® screws



EN 60900

PHxDxL mm	L1 mm	
0x3x60	160	3 012720703
1x4,5x80	188	3 012720709
2x6x100	219	3 012720718
3x8x150	277	2 012720724
4x10x200	327	2 012720727



### 1272MQ/S5

PH0x3x60-PH1x4,5x80  
PH2x6x100-PH3x8x150  
PH4x10x200 mm

1 012720751

### 1273MQF/D...

set of 6 slim screwdrivers



### 1273MQF/D4

1272MQF 1x4,5x80-2x6x100 mm  
1274MQF 0,6x3,5x100-1x5,5x125 mm

1 012730604

### 1273MQF/D6

1272MQF 1x4,5x80-2x6x100 mm  
1274MQF 0,6x3,5x100-1x4,5x100  
1x5,5x125-1,2x6,5x150 mm

1 012730606

### 1273MQ/D6

set of 6 screwdrivers



### 1273MQ/D6

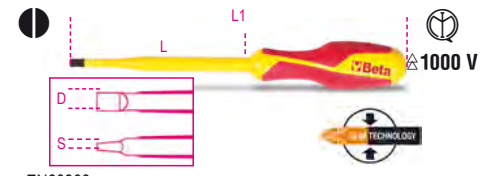
1274MQ 0,5x3x100-0,8x4x100  
1,0x5,5x125 mm  
1272MQ PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

1 012730851

### 1274MQF

screwdrivers for headless slotted screws

Slim



EN60900

SxDxL mm	L1 mm	
0,6x3,5x100	200	3 012740603
1x4,5x100	200	3 012740606
1x5,5x125	225	3 012740609
1,2x6,5x150	258	3 012740612

### 1274MQ

screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm	
0,4x2,5x75	175	3 012740700
0,5x3x100	200	3 012740703
0,8x4x100	208	3 012740706
1x5,5x125	233	3 012740709
1,2x6,5x150	269	3 012740712
1,2x8x175	302	2 012740715
1,6x10x200	327	2 012740718



### 1274MQ/S6

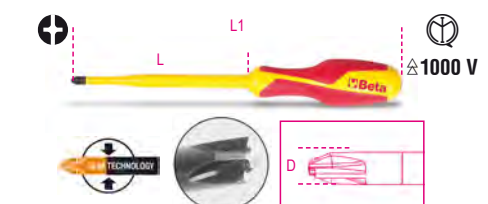
0,5x3x100-0,8x4x100  
1x5,5x125-1,2x6,5x150  
1,2x8x175-1,6x10x200 mm

1 012740751

### 1275MQ/C

screwdrivers for combined cross head PH +  
slotted head screws

slim



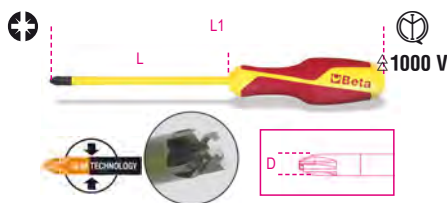
EN60900

PH1+LPP	2 012750409
PH2+LPP	2 012750418

## 1276MQ/C

screwdrivers for combined cross head PZ + slotted head screws

slim



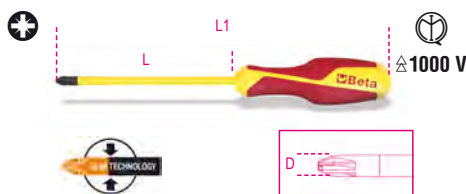
EN 60900

PZ1+LPP	2	012760409
PZ2+LPP	2	012760418

## 1279MQ/F

screwdrivers for cross head Pozidriv®-Supadriv® screws

slim



EN60900

pz	L mm	L1 mm	
1	80	180	3 012790409
2	100	208	3 012790418

## 1279MQ

screwdrivers for cross head Pozidriv®-Supadriv® screws



EN 60900

PZ	L mm	L1 mm	
0	60	160	3 012790703
1	80	188	3 012790709
2	100	219	3 012790718
3	150	277	2 012790724



1279MQ/S4	1	012790751
PZ 0-1-2-3		

## 1725MQ

mini-hacksaw frame



EN 60900

1725MQ	L mm	H mm	
	260	85	1 017250030

## 1777MQ/C

cable stripping knife, insulated

• for multicore cables



EN 60900

1777MQ/C	L mm	
	190	1 017770026

## 1777MQ/U

cable stripping knife, insulated



EN 60900

1777MQ/U	L mm	
	190	1 017770011

## 1777RL/U

4 spare blades for utility knife 1777MQ/U

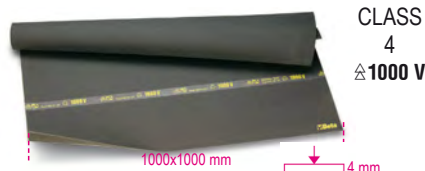


1777RL/U

1 017770021

## 1995MQ/T

insulating mat



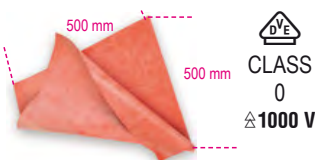
VDE 0303  
EN 60243

1995MQ/T	LxS mm	
	1000x1000	1 019950030

## 1996MQ/T

insulating cloth

500x500mm



DIN EN 61112

1996MQ/T0,5	S mm	
	1.0	1 019960005

## 1996VPG

pneumatic tester for insulated gloves

mandatory testing in accordance with EN90603



1996VPG

1 019960134

## 1997MQ/GM

composite insulating gloves

CE



EN 60903  
EN 61482

1997MQ/GM	Gr.	L mm	
9	9	350	1 019970109
10	10	350	1 019970110

## 2115P L-MQ32



2115PL-MQ32

354

## 2029EM



2029EM

347

## 5989 VEM



5989 VEM

528





# TETHERED TOOLS



## Beta H-SAFE

The H-SAFE tool range by Beta comprises over 200 coded items, for which a holding system has been individually designed to withstand extremely severe mechanical stress, as synonymous with unparalleled safety.

Operating comfort is also crucial: tools with a double active part, including combination wrench item 42, are tied with a cable which runs along the entire body of the tool; whereas twisting tools, including screwdrivers, are tied with freely rotating rings preventing the string from getting twisted.



The H-SAFE holding system has been designed, tested and manufactured in Beta's factories with the H-SAFE system by Beta, tools are always within reach, comfortably and safely

## 35HS

flat chisels, ribbed type

with H-SAFE tethered system



L mm	A mm		
200	23,0	1	000354004
250	28,5	1	000354005

## 42HS

combination wrenches, open and offset ring ends

with H-SAFE tethered system



DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	95	1	000424506
7x7	105	1	000424507
8x8	116	1	000424508
9x9	127	1	000424509
10x10	137	1	000424510
11x11	148	1	000424511
12x12	158	1	000424512
13x13	169	1	000424513
14x14	180	1	000424514
15x15	190	1	000424515
16x16	201	1	000424516
17x17	212	1	000424517
18x18	222	1	000424518
19x19	233	1	000424519
20x20	243	1	000424520
21x21	254	1	000424521
22x22	264	1	000424522
23x23	275	1	000424523
24x24	285	1	000424524
25x25	296	1	000424525
26x26	307	1	000424526
27x27	317	1	000424527
28x28	328	1	000424528
29x29	338	1	000424529
30x30	349	1	000424530
32x32	370	1	000424532
34x34	391	1	000424534
36x36	412	1	000424536



### 55HS

double open end wrenches

with H-SAFE tethered system



UN-HISO 10102 DIN 3110

mm	L mm		
• 6x7	120	1	000554012
• 8x9	140	1	000554021
• 10x11	155	1	000554030
• 12x13	170	1	000554042
• 14x15	185	1	000554054
• 16x17	202	1	000554060
• 18x19	220	1	000554066
• 20x22	236	1	000554075
• 21x23	245	1	000554078
• 22x24	245	1	000554081
• 24x27	262	1	000554090
• 30x32	297	1	000554108
• 34x36	325	1	000554117

### 91HS-C

heavy duty offset ring wrenches

with H-SAFE tethered system



mm	Ø mm		
36	54	1	000914036
41	62	1	000914041
46	69	1	000914046

### 91HS

heavy duty offset ring wrenches with H-SAFE tethered system



mm	Ø mm		
36	54	1	000914236
41	62	1	000914241
46	69	1	000914246

### 92HS

tubes for item 91 with H-SAFE tethered system



L mm	91 mm	Ø mm		
610	32±41	22	1	000924020
760	46±55	25	1	000924030

### 93HS

double-ended offset ring wrench for scaffolding bolts with H-SAFE tethered system



mm	L mm		
21x22	310	1	000934021

### 96TBP-HS

ball head offset hexagon key wrenches with high torque handles and H-SAFE tethered system

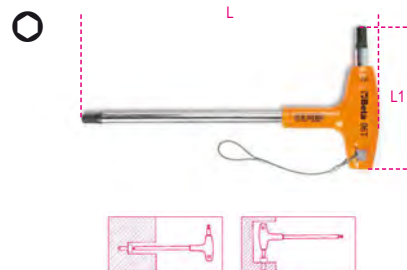


Ø mm	L mm	L1 mm	Ø mm		
2,5	153	55	4	1	000964685
3	153	55	4	1	000964686
4	179	70	5	1	000964687
5	200	84	6	1	000964688
6	221	103	7	1	000964689
8	255	117	10	1	000964690
10	285	132	12	1	000964692

### 96THS

offset hexagon key wrenches, with high torque handles

with H-SAFE tethered system



mm	L mm	L1 mm		
2,5	153	55	1	000964935
3	153	55	1	000964936
4	179	70	1	000964938
5	200	84	1	000964940
6	221	103	1	000964941
8	255	117	1	000964943
10	285	132	1	000964945

### 96THS-AS

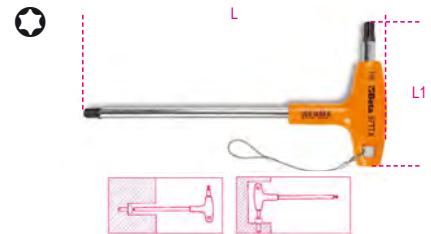
offset hexagon key wrenches, with high torque handles with H-SAFE tethered system



"	L mm	L1 mm	Ø mm		
5/32	200	84	6	1	000964673
3/16	200	84	6	1	000964674
7/32	221	103	7	1	000964675
1/4	236	106	8	1	000964676
5/16	255	117	10	1	000964678
3/8	285	132	12	1	000964680

### 97TTXHS

offset key wrenches with handles for Torx(R) head screws with H-SAFE tethered system



Ø	L mm	L1 mm		
T10	179	70	1	000974710
T15	179	70	1	000974715
T20	179	70	1	000974720
T25	179	70	1	000974725
T30	200	84	1	000974730
T40	221	103	1	000974740
T45	236	106	1	000974745
T50	255	117	1	000974750

### 111E-HS

adjustable wrenches with scales, chrome-plated

with H-SAFE tethered system

- Right-hand rotation of pin
- Mm/inch scale



DIN 3117 ISO 6787

L mm	L "	A max mm		
200	8	29	1	001114120
250	10	34	1	001114125
300	12	40	1	001114130
380	15	45	1	001114138
450	18	54	1	001114145

## 142HS

reversible ratcheting  
combination wrenches  
with H-SAFE tethered system



mm	L mm		
8x8	136	1	001424008
9x9	143	1	001424009
10x10	159	1	001424010
11x11	168	1	001424011
12x12	174	1	001424012
13x13	180	1	001424013
14x14	190	1	001424014
15x15	200	1	001424015
16x16	216	1	001424016
17x17	233	1	001424017
18x18	239	1	001424018
19x19	248	1	001424019
21x21	285	1	001424021
22x22	285	1	001424022
24x24	325	1	001424024
27x27	355	1	001424027
30x30	420	1	001424030
* 32x32	420	1	001424032

\* Straight model without inverter

## 360HS

pipe wrenches, Stillson pattern  
with H-SAFE tethered system



L mm	∅ max * gas		
250	1" gas	1	003604025
350	1 1/2" gas	1	003604035
450	2" gas	1	003604045
600	2 1/2" gas	1	003604060



LC system,  
two-ball retaining system.  
Socket is only released through  
button

## 666HS

ZERO-RESET click-type torque wrenches  
with reversible ratchets,  
for right-hand tightening,  
torque accuracy:  $\pm 3\%$

with H-SAFE tethered system

• Does not require releasing tension



ISO 6789

Nm	∅ mm	A mm	L mm	LC system	g	kg
10÷50	3/8	30	33	342	-	680 0,25

666HS/5 1 006664705

Nm	∅ mm	A mm	L mm	LC system	g	kg
20÷100	3/8	30	33	385	-	760 0,25

666HS/10 1 006664710

Nm	∅ mm	A mm	L mm	LC system	g	kg
40÷200	1/2	42	43	471	*	1020 0,5

666HS/20LC 1 006664721

Nm	∅ mm	A mm	L mm	LC system	g	kg
60÷300	1/2	42	43	600	*	1270 1,0

666HS/30LC 1 006664731

## 900HS/55

reversible ratchets

with H-SAFE anti-fall system



DIN 3122 - UNI-ISO 3315

L mm	∅ mm	A mm	kg
127	25	29	1/4

## 910HS/55

reversible ratchets

with H-SAFE anti-fall system



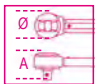
DIN 3122 - UNI-ISO 3315

L mm	∅ mm	A mm	kg
207	31	33	3/8

## 920HS/55LC

reversible ratchets, "LC System",

with H-SAFE anti-fall system

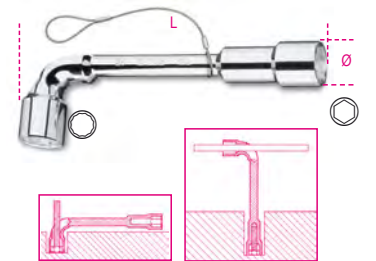


DIN 3122 - UNI-ISO 3315

L mm	∅ mm	A mm	kg
271	40	41	1/2

## 932HS

double ended hexagon / bi-hex offset socket  
wrenches, bright chrome-plated  
with H-SAFE tethered system



NF E 74.303

mm	∅ mm	L mm	
6x6	11,5	110	1 009324006
7x7	12,5	116	1 009324007
8x8	13,0	120	1 009324008
9x9	14,0	125	1 009324009
10x10	16,5	133	1 009324010
11x11	17,5	143	1 009324011
12x12	19,0	148	1 009324012
13x13	19,5	154	1 009324013
14x14	21,5	167	1 009324014
15x15	22,5	182	1 009324015
16x16	24,5	193	1 009324016
17x17	26,0	198	1 009324017
18x18	26,5	215	1 009324018
19x19	29,0	220	1 009324019



## 1032HS

internal circlip pliers, straight pattern PVC-coated handles with H-SAFE tethered system



UNI 7914 DIN 5256

L	∅	∅1	A		
mm	mm	mm	mm		
140x1,3	12÷25	1,3	20	1	010324014
180	19÷60	1,9	21	1	010324017

## 1034HS

internal circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7914 DIN 5256

L	∅	∅1	A		
mm	mm	mm	mm		
170	19÷60	1,9	21	1	010344017

## 1036HS

external circlip pliers, straight pattern PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A		
mm	mm	mm	mm		
140x1,3	10÷25	1,3	20	1	010364014
175	19÷60	1,9	21	1	010364017

## 1038HS

external circlip pliers, bent pattern, 90° PVC-coated handles with H-SAFE tethered system



UNI 7915 DIN 5254

L	∅	∅1	A		
mm	mm	mm	mm		
175	19÷60	-	21	1	010384017

## 1048BM-HS

slip joint pliers, boxed joint, bimaterial handles with H-SAFE tethered system

· new 9-position model



ISO 8976

L	A max	L1	g		
mm	mm	mm	g		
250	48	39	460	1	010484215

## 1052HS

adjustable self-locking pliers, concave jaws with H-SAFE tethered system



L	A	A1 max	S		
mm	mm	mm	mm		
240	72	42	10,0	1	010524024

## 1082BM-HS

diagonal cutting nippers, bi-material handles with H-SAFE tethered system

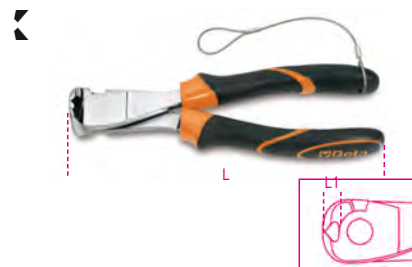


UNI/ISO 5749

L	L1	∅	A		
mm	mm	mm	mm		
160	22	1,6	28,0	1	010824036

## 1088BM-HS

heavy duty end cutting nippers, bi-material handles with H-SAFE tethered system



UNI/ISO 5748

L	L1	∅	A		
mm	mm	mm	mm		
160	9	1,6	28,0	1	010884036
200	11	2,0	36,0	1	010884040

## 1128BAX-HS

Double-acting electricians' scissors, with milling profiles in DLC-coated stainless steel with H-SAFE tethered system

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case



L	L1	∅			
mm	mm	mm	mm <sup>2</sup>		
150	50	50		1	011284088

## 1132BM-HS

cable cutters for insulated copper and aluminium cables, bi-material handles with H-SAFE tethered system



UNI 8791

L	∅	A	B		
mm	mm	mm	mm		
230	18	37	12,5	1	011324143



## 1150BM-HS

combination pliers bright chrome-plated, bi-material handles with H-SAFE tethered system



ISO 5746

L mm	L1 mm	mm	A mm		
160	42	1,6	22,0	1	011504146
180	46	1,8	25,0	1	011504148
200	50	2,0	27,0	1	011504150

## 1166BM-HS

extra long needle knurled nose pliers, bi-material handles with H-SAFE tethered system



ISO 5745

L mm	L1 mm	mm	A mm		
200	76	1,6	22,0	1	011664040

## 1168BM-HS

extra long bent needle knurled nose pliers, bi-material handles



ISO 5745

L mm	L1 mm	mm	A mm		
200	70	1,6	22,0	1	011684040



## 1290HS

screwdrivers for slotted head screws H-SAFE



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x75	171	2,5	1	012904006
0,5x3x100	196	3,0	1	012904012
0,6x3,5x100	196	3,5	1	012904021
0,8x4x100	196	4,0	1	012904030
0,8x4x150	246	4,0	1	012904036
1x5,5x150	259	5,0	1	012904042
1,2x6,5x150	270	6,0	1	012904051
1,2x8x150	282	7,0	1	012904057
1,6x10x200	332	8,0	1	012904066

## 1292HS

screwdrivers for cross head Phillips® screws with H-SAFE tethered system



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x100	196	1	012924006
1x4,5x120	229	1	012924012
2x6x150	270	1	012924021
3x8x150	282	1	012924024

## 1294HS

screwdrivers for headless slotted screws with H-SAFE tethered system



SxDxL mm	L1 mm		
0,5x2,5x60	156	1	012944003
0,6x3x75	171	1	012944006
0,8x4x100	196	1	012944012
1x5x125	234	1	012944018

## 1299HS

screwdrivers for cross head Pozidriv(R)-Supadriv(R) screws with H-SAFE tethered system



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	156	1	012994000
1	80	189	1	012994003
2	100	220	1	012994006
3	150	282	1	012994009

## 1370T-HS

mechanic's hammers fibre shaft with H-SAFE tethered system



g	A mm	L mm	L1 mm		
300	23	300	105	1	013704630
500	27	320	118	1	013704650
1000	36	360	135	1	013704700

## 1370FT-HS

riveting hammers, fibre shafts with H-SAFE tethered system



A mm	L mm	L1 mm	B mm		
28	280	86	22	1	013704528
30	280	92	24	1	013704530
36	300	104	29	1	013704536

## 1390HS

soft face hammers, wooden shafts with H-SAFE tethered system

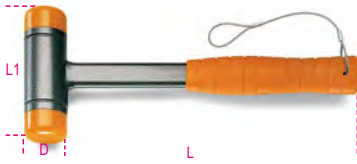


UNI 7784

D mm	L mm	L1 mm		
35	310	95	1	013904035
45	320	107	1	013904045

## 1392HS

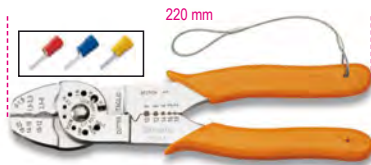
dead-blow hammers, with interchangeable plastic faces, steel shafts with H-SAFE tethered system



D mm	L mm	L1 mm	
35	305	115	1 013924035
40	310	125	1 013924040
50	325	135	1 013924050
60	385	155	1 013924060

## 1602A-HS

crimping pliers for insulated terminals, standard model with H-SAFE tethered system



mm <sup>2</sup>	L mm	A mm	B mm	
0÷6	220	42	4	1 016024005

## 1682HS

flexible graduated rules made from stainless steel with H-SAFE tethered system



L mm	H mm	±0.5 mm	
200	13	0,5	1 016824020
300	13	0,5	1 016824030



## 1692HS

measuring tapes, shock-resistant bi-material ABS casings, steel tapes, precision class II

with H-SAFE tethered system

CE



L m	S mm	
3	16	1 016924053
5	19	1 016924055

## 1708HS/20

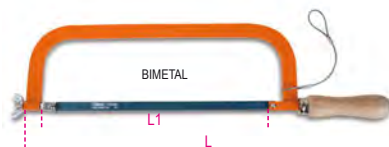
metric feeler gauges with H-SAFE tethered system



S mm	S mm	L mm	
0,05÷1,0	0,002÷0,040	105	1 017084020

## 1727HS

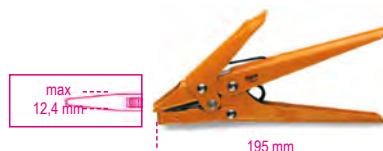
hacksaw frame, heavy series with H-SAFE tethered system



L mm	L1 mm	
515	300	1 017274001

## 1743HS

fitting tool for nylon ties with H-SAFE tethered system



L mm	A mm	B mm	
195	85	17	1 017434001

## 1750HS

lever operated grease guns with H-SAFE tethered system



1 g, 550 bar Max

cc	L mm	
500	380	1 017504500

## 1760BHS

digital multimeter with H-SAFE tethered system

CE



### SPECIFICATIONS

DC voltage: 200 mV-2/20/200/1000V  
 AC voltage: 2-20/200/700V  
 DC current: 2/20/200 mA-20 A  
 AC current: 2/200 mA- 20 A  
 Resistance: 200Ω - 2/20/200 kΩ - 2/20 MΩ  
 Capacity: 2/20/200 nF - 2/200 μF  
 Temperature: -20° + 1000°C/ -4 °F ~ +2000°F  
 Frequency: 20kHz  
 Power supply: 1.9V battery (included)

1760BHS	1 017604012
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## 1772H-HS

safety utility knife with retractable blade, supplied with 2 blades with H-SAFE tethered system



L mm	A mm	
170	18	1 017724029

## 1778S0S-HS

car service knife  
with window breaking hammer  
and seat belt cutter features  
in case  
with H-SAFE tethered system



L mm	A mm	L1 mm		
205	25	85	1	017784080

## 8871

safety belt with metal double closure buckle.  
To connect H-SAFE tools



	L cm min-max		
8871 70	70-100	1	088710070
8871 100	100-135	1	088710100

## 8872A

fixed loop

• For belt item 8871



8872A 50	1	088720050
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## 8872AS

strap loop

• For belt item 8871



8872AS 25	1	088720525
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## 8873

tool bag  
with self-locking

• For belt item 8871



8873 230	1	088730230
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## 8877

cushioned hook-up lace

• MAX 2.7 kg



	L cm min+max	DxL mm		
8877 80	70-110	40x80	1	088770080

## 8877M

cushioned hook-up lace

• With anti-winding joint  
• MAX 2.7 kg



	L cm min+max	DxL mm		
8877M 20-140	20-140	30x60	1	088770510

## 8879

strap wristband

• MAX 2.7 kg



8879	1	088790025
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## 8880

hard hook-up lace

• With anti-winding joint



	L Cm	D mm		
8880 30	30	10	1	088800030

## 8883

tool bag

• Made of anti-abrasion nylon 840  
• MAX 20 kg  
• Snap link for stopping zip at top  
• 6 tool retaining strings  
• Interior pocket



	DxH Cm		
8883	30x40	1	088830030





# STAINLESS STEEL TOOLS



**Stainless steel** is an alloy steel with a high chromium content. Chromium forms a surface oxide film which protects metal and immediately reforms in case of chemical or mechanical damage.

We at **Beta Utensili** have relied on this unique characteristic to develop the **Beta Inox** tools, which are the name for high resistance to corrosion as well as remarkable **hygiene** and **low bacterial retentiveness**. Indeed, stainless steel tools **get less dirty and are cleaned better** than those made from other materials, and can be **autoclaved at 121 °C**.

The **Beta Inox** tools can be used in **critical environments** – that is, in areas where absolutely no contamination is permitted.

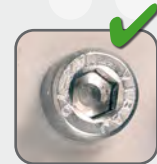
#### Fields of application:

- Nuclear applications
- Pharmaceutical production - class C
- Biotechnological and biomedical laboratories
- Food industry.

The **Beta Inox** tools avoid ferrous contamination, thus preventing improper **rust formation**. Whenever any tools made of ordinary carbon steel are used on stainless steel screws, nuts or surfaces, a few iron particles may come off the tools, which results in aesthetic problems (**iron moulds**). If neglected, these trigger localized corrosion. Using stainless steel tools will completely prevent polluting particles from spreading.



STAINLESS STEEL + NO STAINLESS STEEL = RUST



STAINLESS STEEL + STAINLESS STEEL = NO RUST

#### Fields of application:

- Shipyards
- Building
- Offshore applications
- Solar systems
- Car industry

#### Mechanical characteristics

Beta's tools are made of magnetic **steel AISI 420**. Its outstanding mechanical characteristics translate into tools whose performance far exceeds the standards and is comparable to that of Beta's other tools. These tools share the same ergonomic properties and design as Beta's other tools, which have been known to, and appreciated by, professional users for over 80 years.

The containers are made of **steel AISI 304**, which can boast remarkable cold formability properties and even higher corrosion resistance.

#### Recyclability

Stainless steel is **100% recyclable**. This is also a major plus.



Mark for stainless steel products  
Released by Centro Inox – Italian Stainless Steel Development Association  
– for products made of stainless steel.

## 34INOX

flat chisels,  
made of stainless steel



L mm	A mm	Ø mm	
100	14	14	1 000340314
160	18	18	1 000340318
200	20	20	1 000340320

## 39INOX

wedges,  
made of stainless steel



L mm	A mm	S mm	
100	50	10	1 000390310
150	50	13	1 000390315
200	40	40	1 000390320

## 42INOX

combination wrenches  
made of stainless steel



DIN 3113 - UNI ISO 7738

mm	L mm	
6x6	95	2 000420306
7x7	105	2 000420307
8x8	116	2 000420308
9x9	127	2 000420309
10x10	137	2 000420310
11x11	148	2 000420311
12x12	158	2 000420312
13x13	169	2 000420313
14x14	180	2 000420314
15x15	190	2 000420315
16x16	201	2 000420316
17x17	212	2 000420317
18x18	222	2 000420318
19x19	233	2 000420319
21x21	254	1 000420321
22x22	264	1 000420322
24x24	285	1 000420324
27x27	290	1 000420327
30x30	320	1 000420330
32x32	340	1 000420332
36x36	360	1 000420336
38x38	430	1 000420338
41x41	430	1 000420341
46x46	480	1 000420343
50x50	520	1 000420345
55x55	560	1 000420347
60x60	595	1 000420350



<b>42INOX/S11</b>	1 000420391
6-8-10-11-12-13-14-15-16-17-19 mm	



<b>42INOX/SC9</b>	1 000420387
8-10-11-12-13-14-15-17-19 mm	
<b>42INOX/SCV9</b>	1 000420303

## 42INOX-AS

combination wrenches,  
made of stainless steel



"	L mm	
1/4x1/4	95	1 000420356
5/16x5/16	116	1 000420358
3/8x3/8	137	1 000420360
7/16x7/16	148	1 000420361
1/2x1/2	169	1 000420363
9/16x9/16	180	1 000420364
5/8x5/8	201	1 000420366
11/16x11/16	212	1 000420367
3/4x3/4	233	1 000420369
13/16x13/16	254	1 000420371
7/8x7/8	264	1 000420372
15/16x15/16	285	1 000420373



<b>42INOX-AS/S9</b>	1 000420396
1/4-5/16-3/8-7/16-1/2-9/16-5/8-11/16-3/4	



## 96BPINOX

ball head offset hexagon key wrenches,  
made of stainless steel



mm	L mm	L1 mm	Ø g	
2	91	22	4	4 000961441
2.5	91	22	6	4 000961442
3	101	24	11	4 000961443
4	112	29	19	4 000961444
5	131	33	32	4 000961445
6	154	36	51	4 000961446
7	164	40	65	2 000961447
8	175	44	116	2 000961448
10	197	51	189	2 000961450



<b>96BPINOX/B6</b>	1 000961455
2.5-3-4-5-6-8 mm	
<b>96BPINOX/B9</b>	1 000961456
2-2.5-3-4-5-6-7-8-10 mm	
<b>96BPINOX/BV</b>	1 000961459

## 96BPINOX-AS

ball head offset hexagon key wrenches,  
made of stainless steel



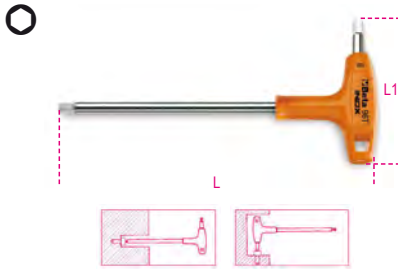
"	L mm	L1 mm	Ø g	
5/64	91	22	5.5	4 000961989
3/32	91	22	5.3	4 000961990
7/64	101	24	10.5	4 000961991
1/8	101	24	10.7	4 000961992
9/64	112	29	18.7	4 000961993
5/32	112	29	18.7	4 000961994
3/16	131	33	31.5	2 000961995
7/32	154	36	50.0	2 000961996
1/4	164	40	70.0	2 000961997
5/16	175	44	115.0	2 000961998
3/8	197	51	186.5	2 000961999



<b>96BPINOX-AS/B8</b>	1 000962000
5/64-3/32-1/8-5/32-3/16-7/32-1/4-5/16	
<b>96BPINOX/BV</b>	1 000961459

## 96TINOX

offset hexagon key wrenches,  
with high-torque handles,  
made of stainless steel



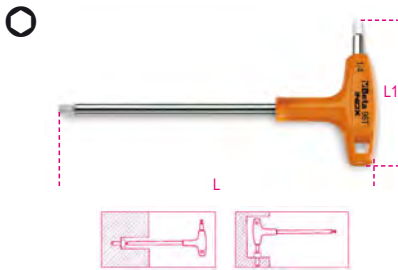
mm	L mm	L1 mm		
2,5	153	55	2	000961935
3	153	55	2	000961936
4	179	70	2	000961938
5	200	84	2	000961940
6	221	95	2	000961941
7	236	106	2	000961942
8	255	117	2	000961943
10	285	132	2	000961944



96TINOX/S5 2,5-3-4-5-6 mm	1	000961952
96TINOX/S8 2,5-3-4-5- 6-7-8-10 mm	1	000961954

## 96TINOX-AS

offset hexagon key wrenches,  
with high torque handles,  
made of stainless steel



"	L mm	L1 mm	Ø mm		
3/32	153	55	3	2	000961861
7/64	153	55	4	2	000961862
1/8	179	70	4	2	000961863
9/64	179	70	5	2	000961864
5/32	200	84	6	2	000961865
3/16	200	84	6	2	000961866
7/32	221	103	7	2	000961867
1/4	236	106	8	2	000961868
5/16	255	117	10	2	000961869
3/8	285	132	12	2	000961870



96TINOX-AS/S7 3/32-1/8-5/32-3/16- 7/32-1/4-5/16	1	000961877
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## 111INOX

adjustable wrenches,  
made of stainless steel



DIN 3117 - ISO 6787

L mm	L mm	A max mm	A1 mm		
150	6	18	45	1	001110315
200	8	24	58	1	001110320
250	10	30	70	1	001110325

## 362INOX

heavy-duty pipe wrenches,  
made of stainless steel



L mm	Ø max mm		
300	58	1	003620430

## 920INOX-A

hexagon hand sockets,  
made of stainless steel



DIN 3124 - UNI ISO 2725

mm	Ø mm	A mm	L mm		
8	15	10	40	2	009203008
9	16	10	40	2	009203009
10	17	10	40	2	009203010
11	18	11	40	2	009203011
12	19	11	40	2	009203012
13	20	11	40	2	009203013
14	21	11	40	2	009203014
15	23	11	40	2	009203015
16	24	11	40	2	009203016
17	25	11	40	2	009203017
18	26	13	42	2	009203018
19	28	13	42	2	009203019
20	29	13	42	1	009203020
21	30	13	43	1	009203021
22	31	15	43	1	009203022
24	34	15	43	1	009203024
27	38	18	46	1	009203027
30	42	20	46	1	009203030
32	44	20	46	1	009203032



## 920/55INOX

1/2" drive reversible ratchet,  
72 teeth,  
made of stainless steel



L mm	Ø mm	A mm		
264	40	43	1	009203882

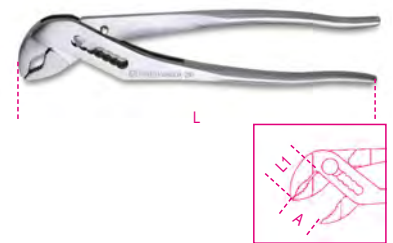
## 920/R55INOX



920/R55 INOX	1	009203879
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## 1048INOX

slip joint pliers, boxed joints,  
made of stainless steel  
• 7-position model



L mm	A max mm	L1 mm		
250	33	33	1	010480325

## 1082INOX

diagonal cutting nippers,  
made of stainless steel



L mm	L1 mm	mm		
150	20,0	1,6	1	010820350

## 1150INOX

heavy-duty combination pliers,  
made of stainless steel

decentralized pin  
open joint



L	L1		
mm	mm		
180	39	1	011500518

## 1153INOX

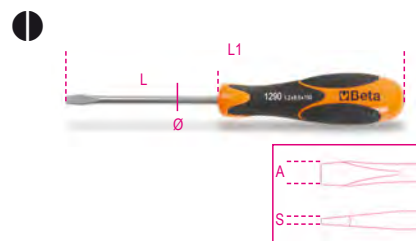
adjustable pliers, two positions,  
made of stainless steel



L	L1		
mm	mm		
150	26	1	011530315

## 1290INOX

screwdrivers for slotted head screws  
made of stainless steel

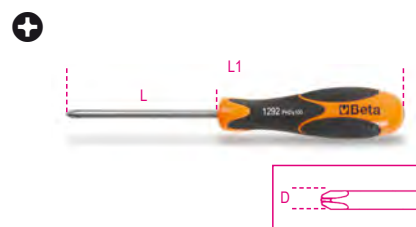


ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2.5	4	012900403
0,5x3x75	171	3.0	4	012900409
0,8x4x100	196	4.0	4	012900430
1,0x5,5x150	259	5.0	4	012900442
1,2x6,5x150	270	6.0	4	012900451

## 1292INOX

screwdrivers for cross head Phillips® screws,  
made of stainless steel



ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	4	012920403
1x4,5x80	189	4	012920409
2x6x100	220	4	012920418

## 1293INOX/D8

screwdriver set  
made of stainless steel



<b>1293INOX/D8</b>		1	012930408
1290INOX	0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x150 1,2x6,5x150 mm		
1292INOX	PH0x60-PH1x80 PH2x100 mm		

## 1370INOX

engineer's hammer,  
made of stainless steel



	A	L	L1		
g	mm	mm	mm		
500	25	240	101	1	013700375

## 1377INOX

ball pein hammers,  
round heads,  
for coppersmiths and tinsmiths,  
made of stainless steel



	L	L1		
g	mm	mm		
230	220	82	1	013770623
340	220	90	1	013770634

## 1730INOX

universal spatula,  
made from stainless steel



A	L		
mm	mm		
50	200	1	017300450

## C20TSS

five-section cantilever tool box, made of AISI  
304 stainless steel



<b>C20TSS</b>		1	021203001
E: 450x200x210 mm - 4 Kg			

## T23



<b>T23</b>		560
<b>TV23</b>		560

## T99



<b>T99</b>		563
<b>TV99</b>		563

## T228



<b>T228</b>		567
<b>TV180</b>		566-567

## C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel,  
Non-marking wheels

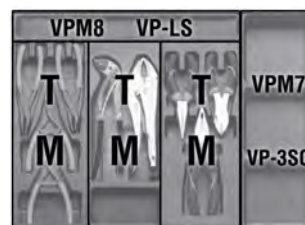
Main features:

- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium

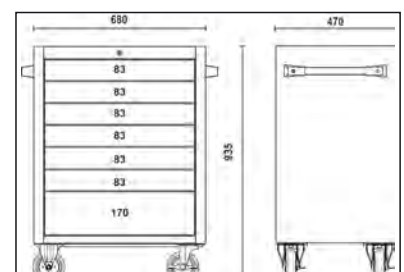
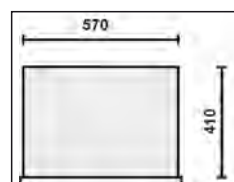
63 kg

**Beta**  
**INOX**  
STAINLESS STEEL

700  
kg



h		max
	83 mm	25 kg
	170 mm	30 kg







# SPARK-PROOF TOOLS



## Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.

The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.



**WARNING!** Risk of explosion in **ACETYLENE** environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

### CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK

ATEX	CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK	
	MEDIUM-LOW	EXTREMELY LOW
GASES	<b>ZONE 1</b> An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	<b>ZONE 2</b> An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
	<b>ZONE 21</b> An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	<b>ZONE 22</b> An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
DUSTS		

## 30BA

sparkproof drift punches



Ø mm	L mm	S mm		
5	150	15		1 000300806
8	150	17		1 000300808
10	150	19		1 000300810

## 31BA

sparkproof pin punches



Ø mm	L mm		
3	110		1 000310853
4	110		1 000310854
6	115		1 000310856
8	120		1 000310858

## 31BA/C

sparkproof drift punches



Ø mm	Ø1 mm	L mm		
*6	12	150		1 000310876
*7	13	150		1 000310877
*12	18	175		1 000310882
*13	29	255		1 000310883

## 32BA

sparkproof centre punch



● mm	L mm		
14	150		1 000320811

## 34BA

sparkproof flat chisels



L mm	A mm		
200	22		1 000340801
250	24		1 000340803
300	25		1 000340802

## 39BA sparkproof wedges



L mm	A mm		
150	40	1	000390801
230	40	1	000390802
250	40	1	000390803

## 42BA sparkproof combination wrenches, open bi-hex ring ends



mm	L mm		
6x6	105	1	000420806
7x7	105	1	000420807
8x8	120	1	000420808
9x9	120	1	000420809
10x10	135	1	000420810
11x11	135	1	000420811
12x12	150	1	000420812
13x13	150	1	000420813
14x14	175	1	000420814
15x15	175	1	000420815
16x16	195	1	000420816
17x17	200	1	000420817
18x18	215	1	000420818
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
26x26	290	1	000420826
27x27	290	1	000420827
28x28	290	1	000420828
30x30	313	1	000420830
32x32	333	1	000420832
34x34	360	1	000420834
35X35	360	1	000420835
36x36	355	1	000420836
38x38	430	1	000420838
41x41	430	1	000420841
46x46	480	1	000420846
50x50	520	1	000420850
55x55	560	1	000420855
60x60	580	1	000420860
*65x65	595	1	000420865
*70x70	630	1	000420870

## 42BA-AS sparkproof combination wrenches, open bi-hex ring ends



mm	L mm		
9/32x9/32	120	1	000420946
5/16x5/16	120	1	000420947
11/32x11/32	135	1	000420948
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
15/32x15/32	140	1	000420949

"	L mm		
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954
*19/32x19/32	195	1	000420955
5/8x5/8	177	1	000420956
11/16x11/16	195	1	000420957
3/4x3/4	215	1	000420959
13/16x13/16	230	1	000420961
7/8x7/8	235	1	000420962
15/16x15/16	256	1	000420964
*31/32x31/32	265	1	000420963
1x1	266	1	000420965
1.1/16x1.1/16	283	1	000420967
1.1/8x1.1/8	297	1	000420969
1.3/16x1.3/16	308	1	000420970
1.1/4x1.1/4	324	1	000420973
*1.7/16x1.7/16	360	1	000420976

## 55BA sparkproof double open end wrenches



mm	L mm		
6x7	90	1	000550801
8x9	100	1	000550802
8x10	100	1	000550795
9x11	110	1	000550797
10x11	120	1	000550803
12x13	130	1	000550804
*12x14	130	1	000550846
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
16x17	165	1	000550807
17x19	170	1	000550847
18x19	170	1	000550809
*19x22	185	1	000550810
20x22	185	1	000550811
21x23	210	1	000550813
22x24	210	1	000550815
24x26	230	1	000550817
24x27	230	1	000550818
25x28	230	1	000550819
27x29	246	1	000550820
30x32	265	1	000550822
36x38	320	1	000550826
36x41	335	1	000550828
41x46	355	1	000550829
*46x50	370	1	000550830
*50x55	385	1	000550831
*55x60	415	1	000550832

## 55BA-AS sparkproof double open end wrenches



"	L mm		
3/8x7/16	110	1	000550853
1/2x9/16	130	1	000550854
5/8x11/16	160	1	000550857
3/4x13/16	180	1	000550859
7/8x15/16	210	1	000550865
1x1.1/16	230	1	000550868
1.1/8x1.3/16	245	1	000550870
1.1/4x1.5/16	255	1	000550872

## 58BA sparkproof open end slogging wrenches



mm	L mm		
17	125	1	000580817
19	125	1	000580819
22	135	1	000580822
24	150	1	000580824
27	165	1	000580827
30	180	1	000580830
32	190	1	000580832
*34	200	1	000580834
36	210	1	000580836
38	220	1	000580838
41	230	1	000580841
46	240	1	000580846
50	255	1	000580850
*55	305	1	000580855
*60	315	1	000580860
*65	335	1	000580865
*70	370	1	000580870
*75	375	1	000580875
*80	400	1	000580880
*85	400	1	000580885
*90	445	1	000580890
*95	445	1	000580895
*100	485	1	000580900
*110	513	1	000580901

## 58BA-AS sparkproof double open end slogging wrenches



mm	L mm	A mm	S mm		
*11/16	125	40,5	11,0	1	000580904
*3/4	125	40,5	11,0	1	000580905
*7/8	135	46,2	12,0	1	000580906
*15/16	150	50,3	12,0	1	000580907
*31/32	150	50,3	12,0	1	000580954
*1	175	56,9	15,0	1	000580908
*1.1/8	190	64,0	15,5	1	000580909
*1.1/4	190	64,0	15,5	1	000580910
*1.7/16	210	75,0	18,5	1	000580912
*1.1/2	220	82,0	18,5	1	000580913
*1.5/8	230	86,8	18,5	1	000580914
*1.3/4	250	98,0	20,	1	000580970

## 78BA sparkproof bi-hex ring slogging wrenches



mm	L mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855

mm	L mm		
60	275	1	000780860
65	295	1	000780865
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880
★85	355	1	000780885
★90	380	1	000780890
★95	390	1	000780895
★100	410	1	000780900
★105	420	1	000780903
★110	445	1	000780901
★120	480	1	000780902

## 78BA-AS

sparkproof bi-hex ring slogging wrenches



"	L mm		
11/16	145	1	000780908
3/4	145	1	000780909
7/8	155	1	000780935
15/16	165	1	000780936
★31/32	165	1	000780937
1	175	1	000780938
★1.1/16	175	1	000780939
1.1/8	180	1	000780940
1.3/16	185	1	000780941
1.1/4	177	1	000780910
★1.5/16	200	1	000780954
★1.3/8	205	1	000780911
1.7/16	208	1	000780912
★1.1/2	215	1	000780913
★1.9/16	225	1	000780947
★1.11/16	225	1	000780962
1.5/8	225	1	000780914
★1.3/4	235	1	000780963
1.13/16	243	1	000780916
1.7/8	235	1	000780915
2	254	1	000780918
2.3/16	264	1	000780920
2.3/8	275	1	000780922
★2.9/16	286	1	000780924
★2.15/16	311	1	000780926
★3.1/8	325	1	000780928
★3.1/2	355	1	000780930

## 89BA

spark-proof single ring wrenches



mm	L mm		
10	200	1	000890810
11	210	1	000890811
12	220	1	000890812
13	230	1	000890813
14	240	1	000890814
16	260	1	000890816
17	270	1	000890817
18	280	1	000890818
19	300	1	000890819
20	310	1	000890820
22	330	1	000890822
24	350	1	000890824
27	370	1	000890827
30	400	1	000890830
32	420	1	000890832

## 90BA

sparkproof double ended offset ring wrenches



mm	L mm		
6x7	122	1	000900801
8x9	128	1	000900802
10x11	155	1	000900803
12x13	175	1	000900806
12X14	180	1	000900807
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
17X19	250	1	000900814
18x19	265	1	000900815
19x22	280	1	000900817
20x22	295	1	000900818
21x23	298	1	000900820
22x24	315	1	000900821
24x26	333	1	000900822
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
★36x41	450	1	000900828
★41x46	470	1	000900829
★46x50	490	1	000900830

## 91BA

sparkproof heavy duty offset ring wrenches



mm	∅ mm		
24	38	1	000910824
27	42	1	000910827
30	48	1	000910830
32	49	1	000910832
36	54	1	000910836
41	62	1	000910841
★46	69	1	000910846
★50	75	1	000910850
★55	82	1	000910855

## 92BA

sparkproof tubes for item 91BA



	L mm	91BA mm	∅ mm		
92BA/1	460	24÷30	25	1	000920810
92BA/2	610	32÷41	28	1	000920820
★92BA/3	760	46÷55	32	1	000920830

## 93BA

ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



mm	L mm		
21x22	345	1	000930821

## 95BA

double ended flat ring wrenches, sparkproof



mm	L mm		
7x9	115	1	000950801
8x10	115	1	000950802
10x11	140	1	000950804
10x12	140	1	000950805
12x14	145	1	000950806
14x17	165	1	000950807
★16x18	170	1	000950809
★17x19	185	1	000950808
★18x19	185	1	000950810
★19x22	200	1	000950812
★21x23	230	1	000950815
★24x27	255	1	000950817
★30x32	295	1	000950820

## 96BA

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
1,5	50	17	1	000960760
2	50	16	1	000960762
2,5	56	20	1	000960761
3	63	21	1	000960763
4	69	25	1	000960764
5	78	29	1	000960765
6	88	33	1	000960766
7	93	34	1	000960767
8	97	36	1	000960768
9	104	37	1	000960769
10	110	39	1	000960770
11	118	42	1	000960771
12	122	44	1	000960772
14	150	58	1	000960774
15	156	60	1	000960775
16	162	63	1	000960776
17	168	65	1	000960777
19	177	72	1	000960779
22	186	77	1	000960802
24	192	82	1	000960804

## 96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm		
1,5	50	16	1	000961800
2	50	16	1	000961801
2,5	63	20	1	000961802
3	60	20	1	000961803
3,5	70	25	1	000961799
4	66	25	1	000961804
5	75	28	1	000961805
6	84	32	1	000961806
8	92	36	1	000961808
10	102	40	1	000961810
12	113	45	1	000961812

## 96BAF-AS

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
*1/16	59	25	1	000962831
*5/64	59	25	1	000962832
*3/32	59	25	1	000962833
*7/64	59	25	1	000962834
*1/8	59	25	1	000962835
*9/64	64	29	1	000962836
*5/32	65	30	1	000962837
*3/16	79	31	1	000962838
*7/32	85	37	1	000962839
*1/4	85	37	1	000962840
9/32	88	38	1	000962841
*5/16	92	44	1	000962842
11/32	100	44	1	000962843
*3/8	110	45	1	000962844
*7/16	119	48	1	000962845
*1/2	140	55	1	000962846
*9/16	150	58	1	000962847

## 99BA

sparkproof hook wrenches with square noses, for ring nuts UNI/ISO 2982, 2983



mm	A mm		
32-75	4,0	1	000990803
50-120	4,5	1	000990805
115-170	4,5	1	000990811

## 110BA

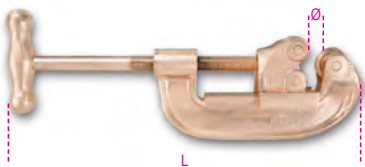
sparkproof adjustable wrenches



L mm	A max		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	30	1	001100825
300	36	1	001100830
375	46	1	001100837
*450	55	1	001100845
*600	65	1	001100860

## 330BA

sparkproof pipe cutters for gas pipes



330BA/2	Ø max 50 mm	L mm		
	2"	375	1	003300802

## 330BA/2R

spare pin and knife for gas pipe cutter 330BA, sparkproof



330BA/2-R		
	1	003300822

## 363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max 1/2"	Ø max mm		
150	1/2" gas	20	1	003630815
200	1" gas	30	1	003630820
250	1 1/2" gas	49	1	003630825
300	2" gas	60	1	003630830
350	2" gas	60	1	003630835
450	2 1/2" gas	76	1	003630845
600	3" gas	90	1	003630860

## 378BA

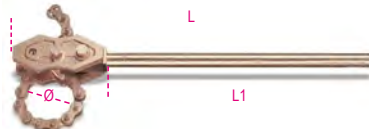
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max 1"		
430	1 1/2" gas	1	003780800
530	2" gas	1	003780801

## 386BA

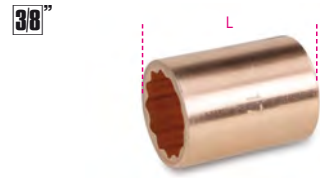
sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	470		
600	100	470	1	003860806
900	200	750	1	003860809

## 911BA

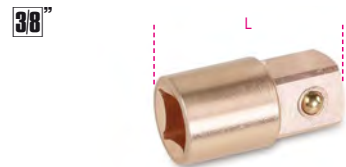
bi-hex hand sockets, spark-proof



mm	L mm		
6	28	1	009110806
7	28	1	009110807
8	28	1	009110808
9	28	1	009110809
10	32	1	009110810
11	32	1	009110811
12	32	1	009110812
13	32	1	009110813
14	32	1	009110814
15	32	1	009110815
16	32	1	009110816
17	32	1	009110817
18	32	1	009110818
19	32	32	1 009110819

## 911BA/16

adaptor, 3/8" female and 1/2" male drives, spark-proof



L mm	3/8"	1/2"		
34			1	009110836

## 911BA/20

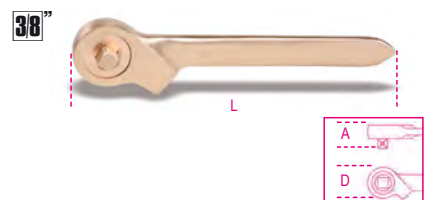
extension bar, 3/8" male and female drives, spark-proof



L mm		
75		1 009110840

## 911BA/55

3/8" push-through drive ratchet, spark-proof

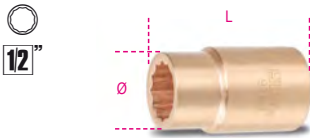


L mm	D mm	A mm		
200	45	16.5	1	009110882



## 921BA

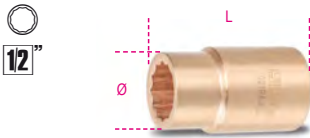
sparkproof bi-hex sockets



mm	Ø mm	L mm		
8	15,0	40	1	009210808
9	16,0	40	1	009210809
10	17,5	40	1	009210810
11	18,0	40	1	009210811
12	18,5	40	1	009210812
13	20,0	40	1	009210813
14	21,0	40	1	009210814
15	21,5	40	1	009210815
16	24,0	40	1	009210816
17	25,0	40	1	009210817
18	25,0	40	1	009210818
19	28,0	42	1	009210819
20	29,0	42	1	009210820
21	30,0	43	1	009210821
22	30,5	43	1	009210822
24	34,0	43	1	009210824
25	36,0	43	1	009210825
26	37,5	43	1	009210826
27	37,5	45	1	009210827
28	38,9	46	1	009210828
30	41,5	46	1	009210830
32	43,5	46	1	009210832

## 921BA-AS

sparkproof bi-hex sockets



"	Ø mm	L mm		
5/16	24,0	40	1	009210958
3/8	24,0	40	1	009210960
7/16	24,0	40	1	009210961
1/2	24,0	40	1	009210963
9/16	24,0	40	1	009210964
5/8	25,0	40	1	009210966
11/16	25,5	40	1	009210967
3/4	28,0	42	1	009210969
13/16	30,0	43	1	009210971
7/8	31,5	43	1	009210972
15/16	34,0	43	1	009210974
1	36,0	43	1	009210975
1.1/16	38,0	46	1	009210977
1.1/4	42,0	46	1	009210982
1.7/16	50,5	50	1	009210986

## 921BA/15

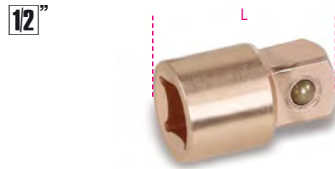
adaptor,  
1/2" female and 3/8" male drives,  
spark-proof



L mm	1/2"	3/8"		
34	1/2	3/8	1	009210839

## 921BA/16

adaptor, 1/2" female and 3/4" male  
drives, sparkproof



L mm	1/2"	3/4"		
34	1/2	3/4	1	009210840

## 921BA/21 - 921BA/22

sparkproof 1/2" wobble extension bars



	L mm	Ø mm		
921BA/21	125	30	1	009210842
921BA/22	250	31	1	009210844

## 921BA/25

sparkproof 1/2" drive universal joint



L mm	Ø mm	1/2"	1/2"		
80	25	1/2	1/2	1	009210845

## 921BA/42

sparkproof 1/2" drive sliding T handle



L mm				
250			1	009210846

## 921BA/50

sparkproof 1/2" drive  
push-through square ratchet



L mm	D mm	A mm		
250	45	16,5	1	009210850

## 921BA/R50

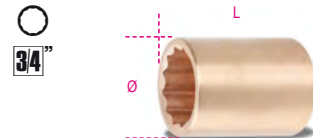
sparkproof  
spare set



1/2"				
1/2"			1	009210851

## 926BA

sparkproof bi-hex hand sockets



mm	Ø mm	L mm		
22	40	55	1	009260822
24	40	55	1	009260824
26	40	55	1	009260826
27	40	55	1	009260827
28	41	55	1	009260828
30	43	60	1	009260830
32	45	60	1	009260832
34	48	60	1	009260834
36	50	60	1	009260836
38	53	60	1	009260838
41	57	65	1	009260841
46	63	65	1	009260846
50	68	70	1	009260850

## 926BA/15

adaptor, 3/4" female and 1/2" male  
drives, sparkproof



L mm	3/4"	1/2"		
55	3/4	1/2	1	009260861

## 926BA/22

sparkproof 3/4" drive extension bars



	L mm	Ø mm		
926BA/22	200	38	1	009260872

## 926BA/42

sparkproof 3/4" drive slide T-handle



L mm				
400			1	009260876

## 926BA/50

sparkproof 3/4" push-through drive ratchet



L mm	D mm	A mm	
300	61	22	1 009260880

## 926BA/R50

sparkproof spare set



3/4"	1 009260881
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## 937BA

hexagon socket wrenches, sparkproof



mm	L mm	A mm	
13	240	45	1 009370813
17	260	51	1 009370817
19	270	55	1 009370819
22	278	59	1 009370822
24	286	63	1 009370824
27	294	69	1 009370827
30	302	75	1 009370830
32	310	81	1 009370832
★36	330	85	1 009370836
★41	350	90	1 009370841

## 951BA

T-handle wrenches with hexagon male ends, sparkproof



mm	L mm	L1 mm	
4	100	90	1 009510904
5	100	90	1 009510905
6	100	90	1 009510906

## 961BA

sparkproof scrapers



L mm	A mm	
250	39	1 009610802
350	55	1 009610806

## 963BA

sparkproof pry bars with pointed and flat bent ends



L mm	A mm	
500	24	1 009630801
★800	24	1 009630803
★1000	30	1 009630805

## 964BA

sparkproof wrench bungs



L mm	
385	1 009640801

## 964BA/L

universal shears for barrels, sparkproof  
For opening edged metal barrels



★964BA/L	L mm	
	510	1 009640821

## 965BA

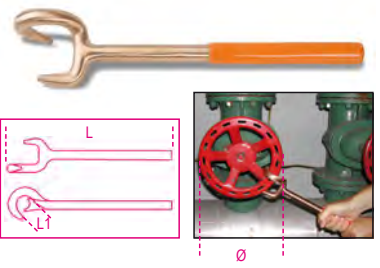
safety valve wrenches, sparkproof



A mm	A1 mm	L mm	
30	44	200	1 009650830
32	50	300	1 009650832
35	47	250	1 009650835
40	50	300	1 009650840
45	58	350	1 009650845
48	62	375	1 009650848
50	67	400	1 009650850
55	73	450	1 009650855
60	79	500	1 009650860
★65	82	550	1 009650865
★70	85	600	1 009650870

## 966BA

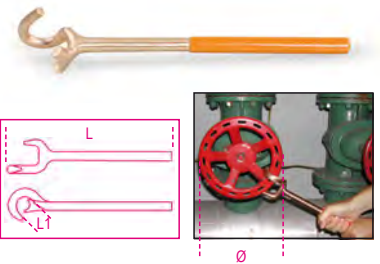
sparkproof safety valve wrench



L mm	L1 mm	Ø min+max mm	
350	40	50=150	1 009660801

## 966BA/V

sparkproof safety valve wrenches



L mm	L1 mm	Ø min+max mm	
370	36	125=250	1 009660812
430	48	250=400	1 009660814

## 1032BA

sparkproof internal circlip pliers, straight pattern, PVC-coated handles



L mm	Ø mm	
200	40=100	1 010320820

## 1036BA

sparkproof external circlip pliers, straight pattern, PVC-coated handles



L mm	Ø mm	
200	40=100	1 010360820

### 1046BA

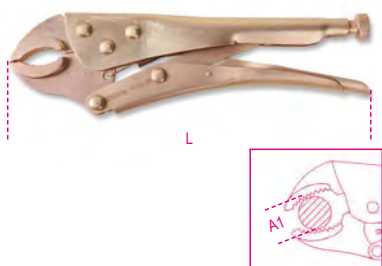
sparkproof slip joint pliers



L mm	A max mm		
250	32	1	010460801
★300	52	1	010460803

### 1052BA

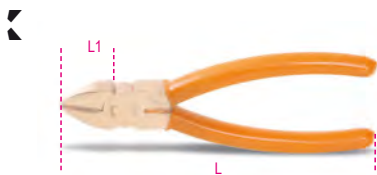
adjustable self-locking pliers, concave jaws, sparkproof



L mm	A1 max mm		
225	40,0	1	010520824

### 1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm		
160	22	1	010820801

### 1100BA

bolt cutters, spark-proof



L mm			
600		1	011000860

### 1137BA

blasting pliers



L mm	L1 mm		
185	30	1	011370801

### 1137BA/RC

spare blade for item 1137BA



1137BA/RC		1	011370851

### 1150BA

sparkproof combination pliers



L mm	L1 mm		
200	40	1	011500820

### 1162BA

sparkproof extra-long flat knurled nose pliers



L mm	L1 mm		
150	54	1	011620815

### 1166BA

sparkproof extra-long needle knurled nose pliers



L mm	L1 mm		
150	54	1	011660815

### 1270BA

sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm		
3x75	178	1	012700803
4x100	209	1	012700804
5x150	250	1	012700805
6x150	270	1	012700806
8x200	312	1	012700808
10x250	382	1	012700810

### 1272BA

sparkproof screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm		
1x5x100	209	1	012720801
2x6x150	270	1	012720802
3x8x200	332	1	012720803

### 1277BA

screwdrivers for Torx® head screws, sparkproof



Ø	L mm	L1 mm	Ø mm		
T10	75	184	5	1	012770810
T15	75	184	5	1	012770815
T20	100	209	6	1	012770820
T25	125	209	6	1	012770825
T30	150	270	6	1	012770830
T40	200	332	8	1	012770840

### 1370BA

sparkproof engineer's hammers, wooden shafts



g	A mm	L mm	L1 mm		
500	30	310	108	1	013700805
1000	35	340	137	1	013700810

### 1370BA/MR

spare shafts for item 1370BA

1370BA/MR 500	1	013700865
1370BA/500		
1370BA/MR 1000	1	013700870
1370BA/1000		

### 1370BA/PL

sparkproof engineer's hammers, fibre shafts



g	A mm	L mm	L1 mm		
500	30	310	108	1	013700815
1000	35	340	137	1	013700820

### 1375BA/PL

sparkproof ball pein and claw hammer, wooden shaft



g	L mm	L1 mm	Ø mm		
680	321	125	30	1	013750800

### 1377BA

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm		
340	90	280	1	013770834

### 1377BA/PL

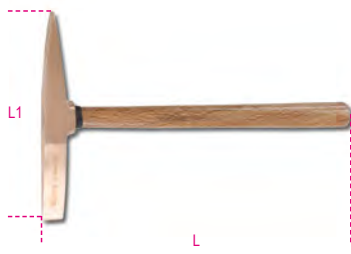
sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm		
340	90	280	1	013770884

### 1379BA

sparkproof scraping hammer, wooden shaft



g	L1 mm	L mm		
500	142	315	1	013790850

### 1380BA

sparkproof lump hammers, wooden shafts



g	L1 mm	L mm		
1000	100	400	1	013800810
1500	118	400	1	013800815
2000	126	400	1	013800820

### 1380BA/MR

spare shafts for item 1380BA

1380BA/MR 1000	1	013800860
1380BA/1000		
1380BA/MR 1500	1	013800865
1380BA/1500		
1380BA/MR 2000	1	013800870
1380BA/2000		

### 1380BA/PL

sparkproof mason club hammers, fibre shafts



g	L1 mm	L mm		
500	80	310	1	013800955
1000	94	350	1	013800960
1500	115	400	1	013800965
2000	125,5	400	1	013800970

### 1381BA

sparkproof sledge hammers, wooden shafts



g	L1 mm	L mm		
5000	179	900	1	013810850
*8000	190	900	1	013810858

### 1381BA/MR

spare shaft for item 1381BA

1381BA/MR 5000	1	013810870
1381BA/5000		
*1381BA/MR 8000	1	013810878
1381BA/8000		

### 1381BA/PL

sparkproof sledge hammers, fibre shafts



g	L1 mm	L mm		
5000	172	900	1	013810885
8000	204	900	1	013810888

### 1390BA

spark-proof soft face hammer



Ø mm	L mm	L1 mm		
*52	370	130	1	013900805

### 1390BA/R

spare nylon faces for item 1390BA



D mm		
52	4	013900885





### 1602BA

sparkproof crimping pliers  
for insulated terminals,  
lightweight series



$0.75 \div 6$	L mm	200	1 016020801
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### 1701BA

sparkproof hexagon chisels



L mm	A mm	S mm	
150	12	10	1 017010810
200	16	14	1 017010814
250	18	14	1 017010815
350	19	17	1 017010817

### 1703BA/A

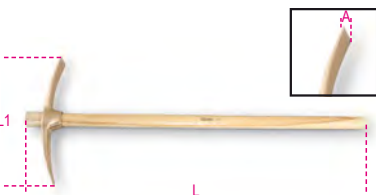
sparkproof axe



L mm	L1 mm	A mm	1 017030082
340	145	82	

### 1703BA/P

sparkproof pick



A mm	L mm	L1 mm	1 017030150
56	1050	410	

### 1703BA/PL

sparkproof shovel



A mm	L1 mm	L mm	1 017030200
240	420	990	

### 1717BA

sparkproof rigid spatulas



A mm		1 017170801
60		
80		1 017170803

### 1717BA/1

sparkproof wall scraper



A mm	L mm	1 017170805
100	220	

### 1719BA8

sparkproof files, 8"



	L mm	1 017190801
1719BA8/P	200	
1719BA8/M	200	1 017190805
1719BA8/R	200	1 017190810
1719BA8/T	200	1 017190815
1719BA8/Q	200	1 017190820

### 1719BA12

sparkproof files, 12"



1719BA12/P	L mm	1 017190831
	300	

### 1727BA

sparkproof hacksaw and blade



L mm	L1 mm	1 017270801
500	300	

### 1728BA

spark-proof blades for hacksaw frames, made  
from copper-beryllium alloy



L mm	1 017280801
300	

### 1737BA

brush with sparkproof wires



L mm	A mm	1 017370801
294	29	

### 1758BA

sparkproof funnel



Ø mm	H mm	1 017580815
160	150	

### 1776BA

sparkproof knife



L1 mm	L mm	1 017760801
145	250	

### 1784BA

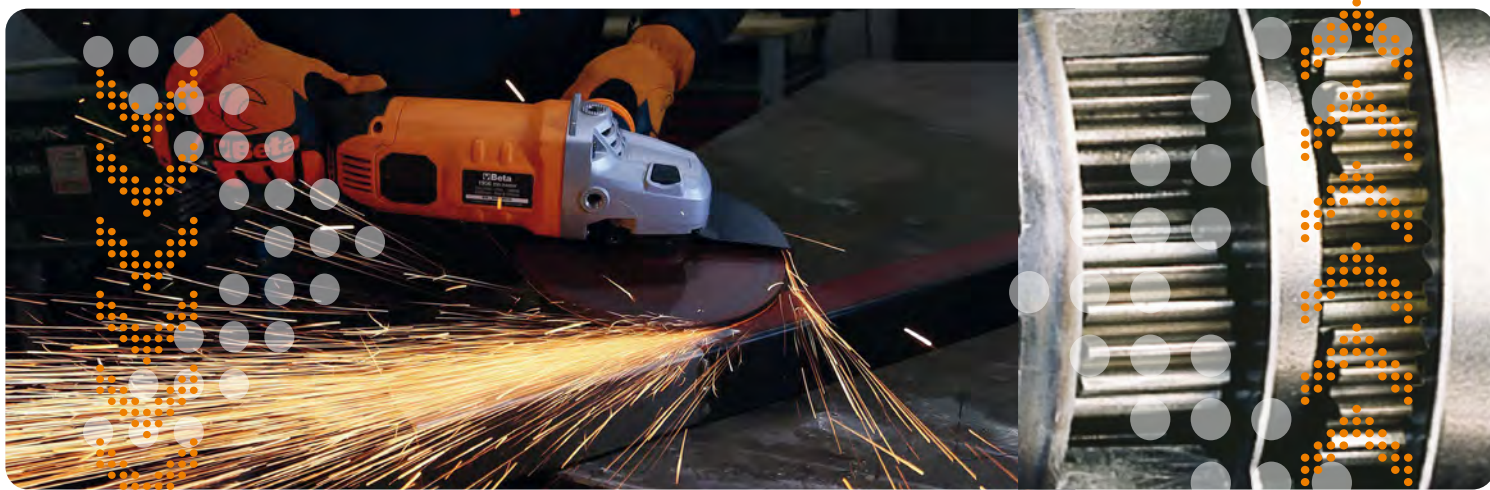
sparkproof scissors



L mm	1 017840822
225	



# POWER TOOLS



Reliable, durable working instruments, capable of satisfying every professional's requirements.

Beta's family of power tools comprises

- BATTERY TOOLS
- CORDED TOOLS

 **Beta**  
**POWERTOOLS**

## BATTERY TOOLS

 **3-YEAR WARRANTY**



The new range of battery tools includes 12V and 20V high-performance machines.

The **12V line** includes the impact drill and the impact wrench with bit chuck, must-have tools designed to make everyday work easier, based on performance, lightweightness and compactness.

Whereas the **20V line** comprises battery tools synonymous with **high performance, construction quality and durability**.

We at Beta relied on these hallmarks to develop a comprehensive line of battery tools, ranging from the high-torque impact drill to the impact wrench with 1/2" square drive.

All of Beta's new power tools are equipped with brushless motors and first-rate interior mechanisms, for significantly improved performance and durability of the tool.

The impact wrench with a maximum unscrewing torque of **1200 Nm** is no doubt the flagship power tool of the new range, an ideal work partner for anybody who needs unparalleled power and performance. Our 20V lithium ion batteries are available with capacities up to 6Ah and can be used on all the tools of the range.



Frame the QR code for further information on free 3-year warranty extension.

## 1972/K12V-10

ultracompact drill, 12V

- ultracompact: no more than 170 mm in length; ultralightweight: no more than 1.1 kg, with battery, and perfectly balanced
- double mechanical speed with steel gears and 20-position clutch
- torque up to 30 Nm and 1300 rpm (400 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- 2Ah batteries and charge indicator on drill body
- ergonomic nonslip handle
- front LED
- 10-mm autochuck
- belt clip (right/left side)
- selector switch, screwing-unscrewing-locking modes (for transportation)
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (50 min)

Beta  
3-YEAR  
WARRANTY



1972/K12V-10

316x254x96 mm - 2,3 kg

1 019720112

## 1982/K12V

reversible impact wrench, 12V,  
ideal for jobs in small areas, provides high torque (80 Nm), one-handed operation

- ultracompact: no more than 160 mm in length; ultralightweight: no more than 1 kg, with battery, and perfectly balanced
- 1/4" hexagon drive with locknut
- belt clip (right/left side)
- front LED
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- gearcase made entirely of metal
- 2Ah batteries with charge indicator on impact wrench body
- supplied in a hard case with 2 lithium ion batteries (2 Ah) and quick charger (50 min)

Beta  
3-YEAR  
WARRANTY



1982/K12V

316x254x96 mm - 2,3 kg

1 019820112

## 1972/K12V-COMBO

12V kit of ultracompact drill + 1/4" HEX reversible impact wrench

Case contents:

- 1 12V ultracompact drill, with 10-mm autochuck
- 1 12V reversible impact wrench, with 1/4" hexagon drive
- 2 2Ah lithium ion batteries
- 1 quick battery charger



Beta  
3-YEAR  
WARRANTY



+



1972/K12V-COMBO

310x295x100 mm - 3 kg

1 019720010

## 1972/12V-10

ultracompact drill, 12V (machine body)

- Ultracompact - no more than 170 mm in length; ultralightweight - no more than 1.1 kg, with battery, and perfectly balanced
- 10-mm metal auto-chuck
- Torque up to 30 Nm and 1300 rpm (400 rpm in 1st gear); drills diameters up to 10 mm in steel and 20 mm in wood
- Double mechanical speed with steel gears (0-400/1300 rpm)
- 20-position torque adjustment
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Front LED
- Ergonomic nonslip handle
- Belt clip (right/left side)

790 g

1972/12V-10

1 019720113

Beta  
**3-YEAR  
WARRANTY**



CE

## 1982/12V

reversible impact wrench, 12V (machine body)

Ideal for working in small spaces, it develops high torque (80 Nm); designed for single-hand use

- ultracompact - no more than 160 mm in length; ultralightweight - no more than 1 kg, with battery, and perfectly balanced
- 1/4" hexagon drive, with locknut
- belt clip (right/left side)
- front LED
- selector switch, screwing-unscrewing-locking modes (for transportation)
- ergonomic nonslip handle
- gear case made entirely from metal

800 g

1982/12V

1 019820113

Beta  
**3-YEAR  
WARRANTY**



CE

## 1994BL 12V-2AH

2Ah lithium ion battery for tools, 12V

Main features

- Battery voltage: 12V
- Battery capacity: 2Ah
- Energy capacity: 24Wh
- Battery type: Li-ion

170 g

1994BL 12V-2AH

1 019940015



CE

## 1994CB 12V

quick battery charger, 12V, 110V-240V

Main features:

- LED charge level indicator
- Rated input voltage: 110V-240V ~ 50/60Hz
- Output voltage: 12.6V
- Charging current: 2A
- Rated input power: 35W
- 2Ah battery charging time: 50 min

260 g

1994CB 12V

1 019940123



CE

## 1972/K20V-13BMC

impact drill kit, 20V, BRUSHLESS

- Digital brushless motor  
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button
- 3 operating modes: drilling, screwing and impact drilling
- Compact: no more than 210 mm in length
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Gear case made entirely from metal
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)
- Additional side handle for high-torque operation
- Supplied in a hard case with 2 lithium ion batteries (4 Ah) and quick charger

Main features:

- Max. torque: 80 Nm
- Impacts per minute in 1st gear 0 – 6750 (BPM)
- Impacts per minute in 2nd gear 0 – 24000 (BPM)
- 20-position torque adjustment
- 13-mm metal auto-chuck
- Double mechanical speed with steel gears (0-450/1650 rpm)
- Max. drilling diameter in wood: 55 mm
- Max. drilling diameter in metal: 13 mm
- Max. drilling diameter in masonry: 13 mm

Beta  
**3-YEAR  
WARRANTY**



1972/K20V-13BMC

490x370x125 mm - 5,5 kg

1 019720020

## 1972/20V-13BMC

impact drill, 20V, BRUSHLESS (machine body)

- Digital BRUSHLESS motor  
Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button
- 3 operating modes: drilling, screwing and impact drilling
- Compact: no more than 210 mm in length
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Gear case made entirely from metal
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)
- Additional side handle for high-torque operation
- Supplied in a hard case, without batteries and charger

Main features:

- Max. torque: 80 Nm
- Impacts per minute in 1st gear 0 – 6750 (BPM)
- Impacts per minute in 2nd gear 0 – 24000 (BPM)
- 20-position torque adjustment
- 13-mm metal auto-chuck
- Double mechanical speed with steel gears (0-450/1650 rpm)
- Max. drilling diameter in wood: 55 mm
- Max. drilling diameter in metal: 13 mm
- Max. drilling diameter in masonry: 13 mm

Beta  
**3-YEAR  
WARRANTY**



1972/20V-13BMC

490x370x125 mm - 3,6 kg

1 019720019

## 1984/K600

reversible impact wrench, 20 V, brushless, 1/2" drive - 600 Nm

- 3 different torque settings and rpms in screwing mode
- Up to 600 Nm unscrewing torque

### • Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring
- Impacts per minute 0-2.300 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)

### Tightening

3 torque settings and rpms (low - medium - height) available):

- 1: 200 Nm; 1000 rpm
- 2: 350 Nm; 1500 rpm
- 3: 550 Nm; 1800 rpm

### Untightening

- 1: 600 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
- 2: 600 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

Supplied in handy hard case complete with 2 lithium ion batteries (4 Ah) and quick charger.



1984/K600

490x370x125 mm - 6,3 kg

1 019840060

## 1984 20V/600BMC

reversible impact wrench, 20V, BRUSHLESS, with 1/2" drive - 600 Nm (machine body)

- 3 different torque settings and rpms in screwing mode
- Up to 600 Nm unscrewing torque

### • Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring
- Impacts per minute 0-2.300 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)
- Supplied in a hard case, without batteries and charger

### Tightening

3 torque settings and rpms (low - medium - height) available):

- 1: 200 Nm; 1000 rpm
- 2: 350 Nm; 1500 rpm
- 3: 550 Nm; 1800 rpm

### Untightening

- 1: 600 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
- 2: 600 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)



1984 20V/600BMC

490x370x125 mm - 4,4 kg

1 019840907

## 1984/K1200

reversible impact wrench, 20 V, brushless, 1/2" drive - 1200 Nm

Ideal for applications requiring high torque.

- 3 different torque settings and rpms in screwing mode
- Up to 1200 Nm unscrewing torque
- Up to 1700 Nm peak torque

### • Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring
- Impacts per minute 0-2.200 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)

### Tightening

3 torque settings and rpms (low - medium - height) available:

- 1: 350 Nm; 800 rpm
- 2: 600 Nm; 1400 rpm
- 3: 900 Nm; 1600 rpm

### Untightening

- 1: 1200 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
- 2: 1200 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)

Supplied in handy hard case complete with 2 lithium ion batteries (6 Ah) and quick charger.



### 1984/K1200

490x370x125 mm - 7 kg

1 019840120

## 1984 20V/1200BMC

reversible impact wrench, 20V, BRUSHLESS, with 1/2" drive - 1200 Nm (machine body)

Ideal for applications requiring high torque.

- 3 different torque settings and rpms in screwing mode
- Up to 1200 Nm unscrewing torque
- Up to 1700 Nm peak torque

### • Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

- 1/2" male square drive with bush retaining ring.
- Impacts per minute 0-2.200 (BPM)
- Gear case made entirely from metal
- Ergonomic nonslip handle
- Selector switch, screwing-unscrewing-locking modes (for transportation)
- Built-in LED light for working in poor visibility conditions
- Belt clip (right/left side)
- Supplied in a hard case, without batteries and charger

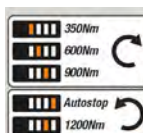
### Tightening

3 torque settings and rpms (low - medium - height) available:

- 1: 350 Nm; 800 rpm
- 2: 600 Nm; 1400 rpm
- 3: 900 Nm; 1600 rpm

### Untightening

- 1: 1200 Nm: impact wrench applies maximum torque non-stop (free unscrewing)
- 2: 1200 Nm - Autostop: impact wrench applies maximum torque until nut is fully unscrewed, and then stops automatically (single impact unscrewing)



### 1984 20V/1200BMC

490x370x125 mm - 4,7 kg

1 019840911

## 1986/K20V-125

angle grinder kit, 20V, BRUSHLESS

Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

Main features

- Protection against accidental restart
- Additional handle, can be placed on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling
- Supplied in a hard case with 2 4 Ah lithium ion batteries and a quick charger

Technical data

- Disc diameter (not included): 125/115 mm
- Free speed: 8.000 rpm
- Tool spindle thread: M14
- Tangle-free cable length: 4 m

Beta  
**3-YEAR  
WARRANTY**



CE

1986/K20V-125

490x370x125 mm - 5,6 kg



019860015

## 1986/20V-125BMC

angle grinder, 20V BRUSHLESS, (machine body)

Digital BRUSHLESS motor

Significantly improved performance: increased power, reduced energy consumption, extended motor service life, improved power supply from button

Main features

- Protection against accidental restart
- Additional handle, can be placed on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling
- Supplied in a hard case, without batteries and charger

Technical data

- Disc diameter (not included): 125/115 mm
- Free speed: 8.000 rpm
- Tool spindle thread: M14
- Tangle-free cable length: 4 m

Beta  
**3-YEAR  
WARRANTY**



CE

1986/20V-125BMC

490x370x125 mm - 3,8 kg



019860025





## 1994B 20V-2AH

2Ah lithium ion battery for tools, 20V

Premium lithium ion technology  
With button and 3 coloured LED charge level indicators

Main features

- Battery voltage: 20V
- Battery capacity: 2Ah
- Energy capacity: 40Wh
- Battery type: Li-ion

410 g

1994B 20V-2AH



019940022



CE

## 1994B 20V-4AH

4Ah lithium ion battery for tools, 20V

Premium lithium ion technology  
With button and 3 coloured LED charge level indicators

Main features

- Battery voltage: 20V
- Battery capacity: 4Ah
- Energy capacity: 80Wh
- Battery type: Li-ion

660 g

1994B 20V-4AH



019940044



CE

## 1994B 20V-6AH

6Ah lithium ion battery for tools, 20V

Premium lithium ion technology  
With button and 3 coloured LED charge level indicators

Main features

- Battery voltage: 20V
- Battery capacity: 6Ah
- Energy capacity: 120Wh
- Battery type: Li-ion

900 g

1994B 20V-6AH



019940066



CE

## 1994C 20V

quick battery charger, 20V, 110V-240V

Main features:

- LED charge level indicator
- Rated input voltage: 110V-240V ~ 50/60Hz
- Output voltage: 20V
- Charging current: 6A
- Rated input power: 145W

20V 2Ah battery charging time: 45 min  
20V 4Ah battery charging time: 90 min  
20V 6Ah battery charging time: 120 min

680 g

1994C 20V



019940140



CE

## 1989RCB

construction site radio, 20V

CE

Multifunctional audio entertainment: digital (DAB; BT) and conventional FM radio

Suitable for use at construction sites or for leisure

Sturdy radio with compact, modern, design, degree of protection IP54

Powerful stereo sound provided by two powerful 16W side loudspeakers

Built-in alarm function

Complete with carrying handle and shockproof corner protection

With AUX connection and protected USB connector for phone connection and charge

Can be used with Beta's 20V batteries (optional) or power supply cord (included).

Main features:

- FM radio frequency range: 87.5 – 108 MHz
- DAB radio frequency range: 174 – 240 MHz
- Number of FM and DAB stored stations: 30
- Loudspeaker power: 16 W
- Rated voltage of battery (optional): 20 V
- Radio dimensions: 180 x 205 x 305 mm
- Radio weight (without battery): 3.2 kg



1989RCB

1 019890020

## C9PT

technical fabric bag for battery tools

Perfect for conveniently carrying Beta's power tools

Made from super durable technical fabric

Dual top handle for a safe, balanced hold

C9PT

410x210x280 mm - 700 g

1 021090001



# Beta



# CORDED TOOLS



The range of corded tools comprises **angle grinders, (impact and hammer) drills, solid and fluid vacuum cleaners, heat and hot glue guns.**

In particular, Beta's angle grinders (with powers of 750W to 2400W) are proving increasingly successful based on the following construction characteristics:

- **Outstanding performance:**
  - Powerful, resin-bonded, wear-resistant, durable motor
  - Air vents providing optimal cooling, protected against dust infiltration
- **Unparalleled safety for operators:**
  - Spindle lock device for quick disc changes
  - Protection against accidental activation
  - Smooth start, for limiting large initial inrush of current on start-up
- **Unique comfort and ease of handling:**
  - Non-slip ergonomic handle for improved grip
  - Lowered head that allows working in confined spaces

**Tangle-free cable no less than 4 metres in length** for increased ease of movement

Additional handle that can be mounted on both sides.

## 1956 115-750W

angle grinder for discs Ø 115 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (750 W)  
 Nonslip ergonomic handle for increased comfort and safety  
 Lowered head that allows working in confined spaces  
 Extremely lightweight (weighs no more than 1.8 kg)

### Main features

- Protection against accidental activation
- Additional handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

1,8 kg



## 1956 125-1400W

angle grinder for discs Ø 125 mm

Ideal for cutting, grinding and roughing jobs

Powerful motor (1400 W) - Variable speed  
Nonslip ergonomic handle for increased comfort and safety  
Lowered head that allows working in confined spaces

### Main features

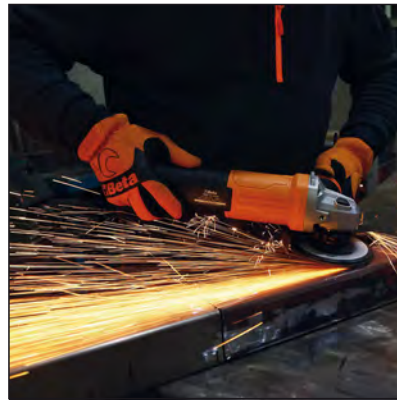
- Protection against accidental activation
- Additional anti-vibration handle that can be mounted on both sides
- Tool-less disc cover (quick release)
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

2,5 kg

CE

L = 4 m

Ø 125 mm



1956 125-1400W

1 019560125

## 1956 230-2400W

angle grinder for discs Ø 230 mm

Ideal for complex shearing, grinding and filing jobs

Powerful motor (2400 W)  
Nonslip ergonomic handle for increased comfort and safety

### Main features

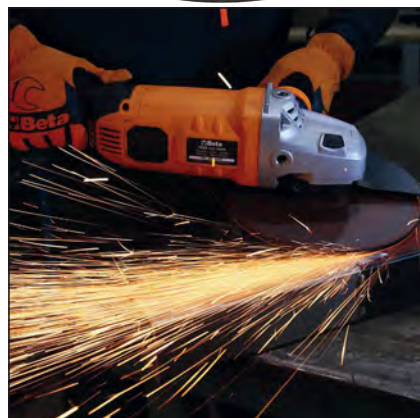
- Protection against accidental activation
- Soft-start function for a smooth start and limiting large initial inrush of current on start-up
- Additional anti-vibration handle that can be mounted on both sides
- Screw disc cover
- Spindle lock device for quick disc changes
- Lock-on/off slide switch
- Air vents protected against dust infiltration and providing optimal cooling performance
- Service wrench included

5,8 kg

CE

L = 4 m

Ø 230 mm



1956 230-2400W

1 019560230

## 1966/910W

impact drill, 910W

Ideal for drilling in different materials, including wood, metal, plastic, masonry and concrete

Powerful 910W motor  
Linear, compact design with ergonomic, non-slip handle

Metal auto-chuck, 13 mm  
Reversible variable speed  
Gear case made entirely from metal  
Switch lock for improved comfort of use

Main features:

- Max. drilling diameter in wood: 32 mm
- Max. drilling diameter in metal: 13 mm
- Max. drilling diameter in masonry: 13 mm
- No-load speed: 0-2800 rpm
- Tangle-free power supply cord length: 4 m

Supplied accessories:

- Metal auto-chuck, 13 mm
- Additional side handle that can be rotated 360°
- Depth rod



1966/910W

420x320x120 mm - 4,3 kg



1



019660091

## 1967/800W

SDS-PLUS hammer drill, 800W

Ideal for drilling, hammering and chiselling in masonry, concrete, tiles, wood and metal

Powerful 800W motor for heavy-duty applications  
Professional, lightweight and powerful  
Ergonomic, compact design, for working in small/confined spaces

Main features

3 operating modes + Vario-Lock function:

- drill function
- hammer function
- chisel function
- vario-lock function: can be locked in 36 chiselling positions, to obtain an optimal work angle

- Max. drilling diameter in wood: 30 mm
- Max. drilling diameter in metal: 13 mm
- Max. drilling diameter in concrete: 26 mm

Reversible

Safety clutch

Stroke power: 3.2 J

No-load speed: 0-1350 rpm

Number of strokes: 0-5700 strokes/min

Tangle-free power supply cord length: 4 m

Supplied accessories:

- 13-mm chuck with SDS-PLUS adapter
- Additional side handle that can be rotated 360°
- Depth rod
- 3 masonry drill bits, Ø 8-10-12 mm, length 150 mm
- 1 flat chisel, 14x250 mm
- 1 point chisel, 14x250 mm



1967/800W

420x300x115 mm - 5,2 kg



1



019670080



### 1850D

3-speed heat gun

- Pos. I 250 l/min 50 °C
- Pos. II 250 l/min 400 °C
- Pos. III 500 l/min 550 °C



1850D	L	H	1 018500018
	mm	mm	
	255	210	

### 1850E

adjustable electronic heat gun

- Pos. I 250-500 l/min 50 °C
- Pos. II 250-500 l/min 50-650 °C

- digital display
- temperature and flow rate adjustment buttons
- 4 preset programmes and other customizable programmes

- Prog 1 150 °C ca. 400 l/min
- Prog 2 200 °C ca. 400 l/min
- Prog 3 300 °C ca. 450 l/min
- Prog 4 400 °C ca. 500 l/min



1850E	L	H	1 018500020
	mm	mm	
	255	210	

### 1851VK

hot glue gun with 12 thermofusible glue sticks in case

- power: 80 W
- for stick glue, ø 11 mm and 12 mm



1851VK	1 018510058
320x250x50 mm	

### 1851VK-12C

12 thermofusible glue sticks  
Ø 11 mm



1851VK-12C	1 018510062
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### 1851VK-12V

12 thermofusible glue sticks  
for painted surfaces  
Ø 11 mm



1851VK-12V	1 018510072
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### 1870

solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction power: 190 mbar
- max. drum capacity: 20 l, made of antistatic PP
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- trolley for accessories
- STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- FILTERING SYSTEMS
- 1 surface filter cartridge 1900 cm<sup>2</sup> - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



IPX4

1870	1 018700020
------	-------------

### 1870I

solid and fluid vacuum cleaner, 20 l,  
stainless steel drum

- single-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction pressure: 190 mbar
- max. drum capacity: 20 l, made of stainless steel
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- STANDARD ACCESSORIES Ø 36 mm
- 1 corrugated hose with ergonomic handle and vent
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle
- 1 paper bag
- FILTERING SYSTEMS
- 1 surface air filter cartridge 1900 cm<sup>2</sup> - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



IPX4

1870I	1 018700020
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## 1872L

solid and fluid vacuum cleaner, 35 l  
"L" class certified

- two-stage by-pass motor
- voltage: 220/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction power: 220 mbar
- max. drum capacity: 35 l, made of antistatic PE-HD
- acoustic emissions: <70 dB(A)
- cable length: 6 m

STANDARD ACCESSORIES, Ø 36 mm

- 1 corrugated hose with ergonomic handle
- 2 plastic extension tubes
- 1 combined brush frame
- 1 section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS

- 1 disposable fabric bag; filtration class: "L"
- 1 filter cartridge; IFA class: "L"
- 1 anti-foam filter PPI 45/PPI 30
- 2 post-filters made of PP-laminated PET

CE



IPX4

1872L 35

1 018720135

## 1873

solid and vacuum cleaner, 30 l,  
stainless steel drum

Blowing function

Non-marking wheels

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1100 W
- airflow rate: 55l/sec.
- max. suction pressure: 220 mbar
- max. drum capacity: 30 l, made of stainless steel
- acoustic emissions: <61 dB(A)
- cable length: 6 m

trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm

- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS

- 1 filter paper bag
- 1 surface filter cartridge 1900 cm<sup>2</sup>, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



1873 30

1 018730030

## 1874

solid and fluid vacuum cleaner, 50 l,  
stainless steel drum

Blowing function

Non-marking wheels

- two-stage by-pass motor • voltage: 220/240 V
- frequency: 50/60 Hz • max. power: 1350 W
- airflow rate: 55 l/sec.
- max. suction pressure: 240 mbar
- max. drum capacity: 50 l, made of stainless steel
- acoustic emissions: <63 dB(A)
- cable length: 6 m

trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm

- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS

- 1 filter paper bag
- 1 surface filter cartridge 5200 cm<sup>2</sup>, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30

CE



1874 50

1 018740050

## 1870-20/5S

5 horizontal paper bags for item  
1870-1870I-1875LT



1870 20/5S

1 018700021

## 1870-72 /FC

cartridge filter 1900 cm<sup>2</sup> 12 - µm nom.  
for items 1870 - 1870I - 1873 - 1875LT



1870/FC

1 018700026

## 1870-72/FL

fluid vacuum cleaning filter  
for items 1870 - 1870I - 1872L - 1873 - 1874 -  
1875LT



1870 72/FL

1 018700027

## 1872L 35/FC

cartridge filter, "L" class,  
for item 1872L



1872L 35/FC

1 018720144

## 1872L 35/5S

5 disposable fabric bags, "L" class  
for item 1872L- 1873



1872L 35/5S

1 018720136

## 1873-30/5S

5 vertical paper bags for item 1873



1873 30/5S

1 018730031

## 1874-50/5S

5 vertical bags for item 1874



1874 50/5S

1 018740051

## 1874-50/FC

cartridge filter 5200 cm<sup>2</sup> - 12 µm nom.  
for item 1874



1874 50/FC

1 018740056



# PNEUMATIC TOOLS

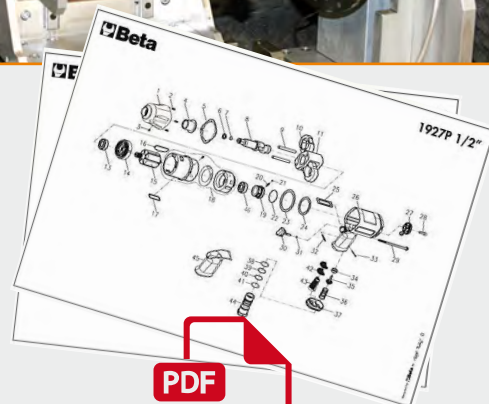
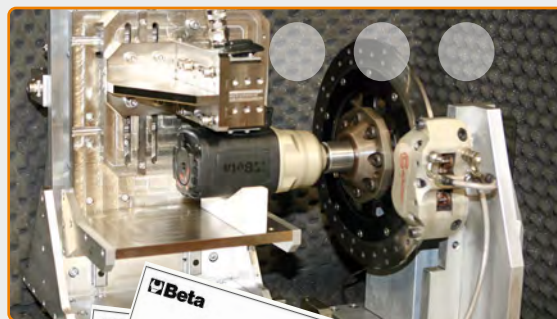


**For over 20 years** Beta Utensili has supplemented its products with a comprehensive range of pneumatic tools and accessories developed for the automotive and industrial maintenance markets: impact wrenches, ratchets, drills, grinders, sanders and many more items.

During this period close co-operation with professional users has been key to ongoing growth. It is on the basis of such growth that Beta's pneumatic tools can boast an excellent reliability/performance ratio.

In order to satisfy market requirements in the best possible way, Beta Utensili repairs the pneumatic tools in its Quality Department.

This process has allowed the company to improve its know-how to a significant extent and become increasingly responsive to the customer base.





## IMPACT WRENCHES

■	BETA ITEM	N °.	MATERIAL	 max. Nm	 db (A) LpA	 db (A) LpW	 I/min.	 kg	MECHANISM	 m/s <sup>2</sup>
<b>3/8"</b>		<b>1924F</b>	Aluminium	<b>108</b>	93,6	104,6	59	0,5	Double hammer	6,85
<b>3/8"</b>		<b>1924XM</b>	Composite material	<b>515</b>	91,7	102,7	122	1,3	Single hammer	6,2
<b>1/2"</b>		<b>1927AN</b>	Aluminium	<b>244</b>	89,4	100,4	190	2,1	Single hammer	8,63
<b>1/2"</b>		<b>1927G</b>	Aluminium	<b>325</b>	92,2	103,2	113	1,2	Single hammer	9,96
<b>1/2"</b>		<b>1927E</b>	Composite material	<b>750</b>	87,0	98,0	140	2,4	Double hammer	2,2
<b>1/2"</b>		<b>1927XM</b>	Aluminium	<b>770</b>	102	113	122	1,3	Single hammer	7,5
<b>1/2"</b>		<b>1927C</b>	Composite material	<b>950</b>	88,2	99,2	125	2,1	Double hammer	9,6
<b>1/2"</b>		<b>1927P</b>	Composite material	<b>1.750</b>	95,1	106,1	290	2,0	Double hammer	6,7
<b>1/2"</b>		<b>1927OLS</b>	Aluminium	<b>1.750</b>	93,2	104,2	198	2,5	Double hammer	8,1
<b>3/4"</b>		<b>1928XM</b>	Aluminium	<b>1.600</b>	91,8	102,8	175	2,9	Double hammer	12,96
<b>3/4"</b>		<b>1928DA</b>	Aluminium	<b>1.695</b>	96	99,5	300	4,3	Double hammer	3,6
<b>3/4"</b>		<b>1928DAL</b>	Aluminium	<b>1.695</b>	96	99,5	300	4,8	Double hammer	3,6
<b>3/4"</b>		<b>1928P</b>	Composite material	<b>2.100</b>	96,2	107,2	221	3,7	Double hammer	7,6
<b>1"</b>		<b>1930PA</b>	Aluminium	<b>2.445</b>	96,0	97,1	410	9,6	Double hammer	7,2
<b>1"</b>		<b>1930A</b>	Aluminium	<b>2.445</b>	103,3	114,3	460	9,5	Double hammer	67
<b>1"</b>		<b>1930LH</b>	Aluminium	<b>2.441</b>	97,1	108,1	282	7,1	Double hammer	17,4
<b>1"</b>		<b>1930LA</b>	Aluminium	<b>2.445</b>	95,6	97,1	460	10,6	Double hammer	3,6
<b>1"</b>		<b>1930HLA</b>	Aluminium	<b>3.661</b>	99	101	460	16,4	Double hammer	16,4
<b>1 1/2"</b>		<b>1930ZL</b>	Aluminium	<b>4.068</b>	102,4	113,4	480	15	Double hammer	69,6



## AIR IMPACT RATCHETS

■	BETA ITEM	N°	max. Nm	db (A) LpA	db (A) LpW	l/min.	kg	m/s <sup>2</sup>
<b>1/4"</b>		<b>1921B1</b>	<b>24</b>	96	85	90	0,4	2.6
<b>1/4"</b>		<b>1921M1</b>	<b>27</b>	84	88	96	0,6	1.8
<b>1/4"</b>		<b>1922P1</b>	<b>68</b>	90,6	101,6	88	0,6	8.61
<b>3/8"</b>		<b>1921M2</b>	<b>27</b>	84	88	96	0,6	1.8
<b>3/8"</b>		<b>1922P2</b>	<b>68</b>	90,6	101,6	88	0,6	8.61
<b>1/2"</b>		<b>1921N3</b>	<b>68</b>	80	87	140	1,2	2.6
<b>1/2"</b>		<b>1922P3</b>	<b>136</b>	94,9	105,9	113	1,5	18.28

## GRINDERS

	BETA ITEM	N°	POWER	db (A) LpA	db (A) LpW	l/min.	kg	m/s <sup>2</sup>
		<b>1933</b>	<b>0,20 kW</b>	80,0	87,0	230	0,38	4,53
		<b>1933L</b>	<b>0,20 kW</b>	80,0	87,0	270	0,67	1,15
		<b>1933AN90</b>	<b>0,20 kW</b>	80,0	87,0	230	0,51	1,24
		<b>1933I</b>	<b>0,38 kW</b>	80,0	87,0	260	0,67	4,53
		<b>1933IL</b>	<b>0,38 kW</b>	79,0	97,0	113	1,4	1,6
		<b>1933IH</b>	<b>0,75 kW</b>	88,1	99,1	370	0,8	2,6
		<b>1933ILH</b>	<b>0,75 kW</b>	85,7	96,7	370	1,2	1,4
		<b>1933AN90-H</b>	<b>0,75 kW</b>	85,6	96,6	370	1,1	6,7
		<b>1934MAV</b>	<b>0,04 kW</b>	71	76	115	0,2	2,5
		<b>1934MAV70</b>	<b>0,08 kW</b>	80	87	115	0,2	4

## 1921B1

baby reversible air ratchet

14"

CE



130 mm

Free speed	350 rpm
Max. torque	24 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	68 l/min
Weight	0,4 kg

1/4	1	019210001
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## 1921N3

reversible air ratchet

12"

CE



258 mm

Free speed	150 rpm
Max. torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	140 l/min
Weight	1.2 kg

1/2	1,2	1	019210025
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## 1922P3

reversible air impact ratchet

12"

CE



292 mm

Free speed	600 rpm
Maximum torque	136 Nm
Bolt capacity	CI 8.8 M12●18 mm
Bolt capacity	CI 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.5 kg

1/2	1,5	1	019220013
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## 1921M1

compact reversible air ratchet

14"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

1/4	0,6	1	019210005
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## 1922P1

reversible air impact ratchet

14"

CE



164 mm

Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

1/4	0,6	1	019220006
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## 1924F

butterfly compact reversible impact wrench

3/8"

CE



139 mm

Free speed	12,000 rpm
Maximum torque	108 Nm
Bolt capacity	CI 8.8 M12●18 mm
Bolt capacity	CI 12.9 M10●16 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	59 l/min
Weight	0.5 kg

3/8	0,5	1	019240025
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## 1921M2

compact reversible air ratchet

3/8"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Bolt capacity	CI 8.8 M7●11 mm
Bolt capacity	CI 12.9 M6●10 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	96 l/min
Weight	0.6 kg

3/8	0,6	1	019210015
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## 1922P2

reversible air impact ratchet

3/8"

CE



164 mm

Free speed	700 rpm
Maximum torque	68 Nm
Bolt capacity	CI 8.8 M10●16 mm
Bolt capacity	CI 12.9 M8●13 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	88 l/min
Weight	0.6 kg

3/8	0,6	1	019220010
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# 19270LS - OIL-LESS IMPACT WRENCH

## THE REVOLUTIONARY IMPACT WRENCH THAT DOES NOT REQUIRE LUBRICATION



The impact wrench, 19270LS, fully designed, developed and engineered by Beta Utensili, relies on the **OIL-LESS system**, a brand-new innovation in the pneumatic tool industry: it allows the impact wrench to operate without having to be periodically lubricated with oil, thus ensuring increased durability and high performance.



The OIL-LESS impact wrench stands out for **high torque transmission – that is, 1750 Nm** –, which makes it ideal for any application.

The painstakingly studied assembly, micrometer alignment of the interior parts and use of innovative first-rate materials result in a reduced number of failures, for **lubrication-free** lifetime use.

Based on these hallmarks, the OIL-LESS impact wrench can boast an excellent cost/benefit ratio, thus translating into savings in the long run.



**4X** 4 TIMES THE USEFUL LIFE OF A TRADITIONAL IMPACT WRENCH



# 1924XM

compact reversible impact wrench

- Single hammer impulse device

30" CE



Free speed	9,000 rpm/min
Max. torque	515 Nm
Bolt capacity	Cl 8.8 M16 ● 24 mm
Bolt capacity	Cl 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

3/8"	kg 1,3	1 019240030
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# 19270LS

OIL-LESS reversible impact wrench, body made from aluminium alloy

- No lubrication required
- Double hammer impulse device

12" CE



Free speed	8,000 rpm
Max. torque	1,750 Nm
Bolt capacity	Cl 8.8 M24 ● 36 mm
Bolt capacity	Cl 12.9 M20 ● 30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	198 l/min
Weight	2.5 kg

1/2"	kg 2,5	1 019270010
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## 1927E

reversible impact wrench, made from composite material

• Double hammer impulse device



Free speed	7,000 rpm
Max. torque	750 Nm
Bolt capacity	CI 8.8 M24 ● 36 mm
Bolt capacity	CI 12.9 M20 ● 30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	197 l/min
Weight	2.4 kg

1/2"	kg	1	019270005
1/2	2,4		

## 1927P

reversible impact wrench, made from composite material

• Double hammer impulse device



Free speed	7,500 rpm
Max. torque	1.750 Nm
Bolt capacity	CI 8.8 M24 ● 36 mm
Bolt capacity	CI 12.9 M20 ● 30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2 kg

1/2"	kg	1	019270008
1/2	2,0		

## 1927XM

compact reversible impact wrench

• Single hammer impulse device



Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2"	kg	1	019270030
1/2	1,3		

## 1927C

reversible impact wrench, made from composite material

• Double hammer impulse device



Free speed	9,000 rpm
Max. torque	900 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	125 l/min
Weight	2.1 kg

1/2"	kg	1	019270006
1/2	2,1		

## 1927P/K3

reversible impact wrench, made from composite material, supplied with 3 impact sockets



Free speed	7,500 rpm
Max. torque	1.750 Nm
Bolt capacity	CI 8.8 M24 ● 36 mm
Bolt capacity	CI 12.9 M20 ● 30 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	290 l/min
Weight	2.9 kg

1/2"	kg	1	019270118
1/2	4		
350x305x86 mm			

## 1927XM/K5

Assortment of one compact reversible impact wrench and five impact sockets

• Single hammer impulse device



Free speed	10,000 rpm
Max. torque	770 Nm
Bolt capacity	CI 8.8 M22 ● 34 mm
Bolt capacity	CI 12.9 M18 ● 27 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	122 l/min
Weight	1.3 kg

1/2"	kg	1	019270129
1/2	2,8		
307x206x86 mm			

## 1927AN

Angle reversible impact wrench

- Single hammer impulse device

12"

CE



Max. torque	244 Nm
Bolt capacity	244 Nm
Bolt capacity	CI 8.8 M14 ● 21 mm
Air inlet	CI 12.9 M12 ● 19 mm
Operating pressure	1/4" GAS
Internal hose size (Ø)	6,2 bar
Mean air consumption	10 mm
Weight	2.1 kg
Peso	2,1 kg

1/2"	kg	1	019270012
2,1			

## 19276

compact reversible impact wrench

- Single hammer impulse device

12"

CE



Free speed	8500 rpm
Max. torque	325 Nm
Bolt capacity	CI 8.8 M16 ● 24 mm
Bolt capacity	CI 12.9 M14 ● 21 mm
Air inlet	1/4" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1.2 kg

1/2"	kg	1	019270050
1,2			

## 1927SP-AM

magnetic support for pneumatic impact wrench

- Fitted with two high-powered magnets with protective rubber tops
- Can accommodate 1 1/2" impact wrench, 4 sockets and 1 torque wrench
- Capacity: 10 kg



400	g	1	019270000
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## 1928DA

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1.695 Nm
Bolt capacity	CI 8.8 M30 ● 46 mm
Bolt capacity	CI 12.9 M27 ● 41 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,3 kg

3/4"	kg	1	019280022
4,3			

## 1928DAL

reversible impact wrench

- Double hammer impulse device

3/4"

CE



Free speed	5,000 rpm
Max. torque	1.695 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	240 l/min
Weight	4,8 kg

3/4"	kg	1	019280023
4,8			

## 1928K4

assortment of one reversible impact wrench and four impact sockets, long series

- "Pin Clutch" impulse device

3/4"

CE



728L 27-30-32-36 mm

Free speed	4,000 rpm
Max. torque	1.493 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS BSP
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Impact wrench weight	5,2 kg

3/4"	kg	1	019280104
9,3			
410x330x106 mm			

## 1928XM

compact reversible impact wrench

- Double hammer impulse device
- Amazingly compact and powerful
- One-hand reverse button
- Three power adjustable screwing positions
- Exhaust through handle

3/4"

CE



Free speed	4,800 rpm
Max. torque	1,600 Nm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Air inlet	3/8" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	175 l/min
Weight	2.9 kg

3/4"	kg	1	019280030
2,9			

## 1928P

reversible impact wrench, made from composite material

• Double hammer impulse device



Free speed	5,000 rpm
Max. torque	2,100 Nm
Bolt capacity	CI 8.8 M30 ● 46 mm
Bolt capacity	CI 12.9 M27 ● 41 mm
Air inlet	3/8" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	221 l/min
Weight	3.7 kg

3/4"	kg	1	019280006
3,7			

## 1930PA

reversible impact wrench

• Double hammer impulse device



Free speed	3,500 rpm
Max. torque	2,445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	350 l/min
Weight	9.6 kg

1"	kg	1	019300032
9,6			

## 1930A

reversible impact wrench

• Double hammer impulse device



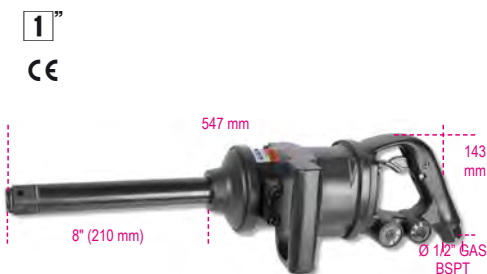
Free speed	4,000 rpm
Max. torque	2,445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	9.5 kg

1"	kg	1	019300036
9,5			

## 1930LH

reversible impact wrench

• Double hammer impulse device



Free speed	6,000 rpm
Max. torque	2,441 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Operating pressure	6.2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	280 l/min
Weight	7.1 kg

1"	kg	1	019300030
7,1			

## 1930LA

reversible impact wrench

• Double hammer impulse device



Free speed	4,000 rpm
Max. torque	2,445 Nm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm
Air inlet	1/2" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	10,6 kg

1"	kg	1	019300037
10,6			



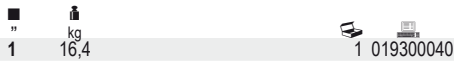
## 1930HLA

reversible impact wrench

• Double hammer impulse device



Free speed	3,000 rpm
Max. torque	3.661 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M33 ● 50 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	460 l/min
Weight	16,4 kg

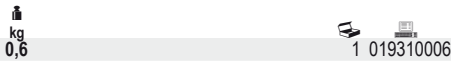


## 1931CD6

reversible drill,  
made from composite material



Free speed	2,600 rpm
Chuck capacity	1÷6 mm
Power	0,23 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	130 l/min
Weight	0,6 kg

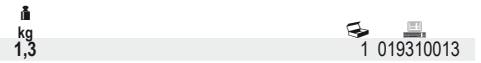


## 1931CD13

reversible drill,  
made from composite material



Free speed	800 rpm
Chuck capacity	1,0÷13 mm
Power	0,38 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1,3 kg



## 1930ZL

reversible impact wrench

• Double hammer impulse device



Free speed	3,000 rpm
Max. torque	4.068 Nm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M36 ● 55 mm
Air inlet	1/2" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	13 mm
Mean air consumption	480 l/min
Weight	15 kg



## 1931CD10

reversible drill,  
made from composite material



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	1 kg



## 1931AN10

reversible angle drill



Free speed	1,400 rpm
Chuck capacity	1÷10 mm
Power	0,38 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	150 l/min
Weight	1,1 kg





## 1932B10

reversible drill



Free speed	1,800 rpm
Chuck capacity	1÷10 mm
Power	0,44 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,2 kg

kg 1,2 1 019320040

## 1932RS13

reversible drill



Free speed	750 rpm
Chuck capacity	1,5÷13 mm
Power	0,55 kW
Spindle thread	3/8" - 24UNF
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	160 l/min
Weight	1,4 kg

kg 1,4 1 019320043

## 1932B13

reversible drill



Free speed	400 rpm
Chuck capacity	1,5÷13 mm
Power	0,34 kW
Spindle thread	1/2" - 20UNC
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	180 l/min
Weight	1,6 kg

kg 1,6 1 019320004

## 1933IH

high-power die grinder

- Collect chuck, Ø 3 mm and 6 mm



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	800 g

g 800 1 019330006

## 1933ILH

high-power long spindle die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,2 kg

kg 1,2 1 019330011

## 1933AN90-H

high-power angle grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	15,000 rpm
Chuck capacity	3 - 6 mm
Power	0,75 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	370 l/min
Weight	1,1 kg

kg 1,1 1 019330021

## 1933

die grinder

- Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	380 g

g 380 1 019330001



## 1933I

die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	260 l/min
Weight	670 g

670 g 1 019330005

## 1933L

long spindle die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	25,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	270 l/min
Weight	670 g

670 g 1 019330015

## 1933IL

long spindle die grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,38 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	1,4 kg

1,4 kg 1 019330010

## 1933AN90

angle grinder

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	20,000 rpm
Chuck capacity	3 - 6 mm
Power	0,20 kW
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	230 l/min
Weight	510 g

510 g 1 019330020

## 1934BV

low-speed tyre buffer

• Collect chuck, Ø 3 mm and 6 mm

CE



Free speed	3,700 rpm
Chuck capacity	3 - 6 mm
Power	0,37 kW
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Weight	0,84 kg

840 g 1 019340000



## 1934MAV

micro die grinder

CE



Free speed	56,000 rpm
Chuck capacity	3 mm
Power	0,04 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0,2 kg

205 g 1 019340010

## 1934MAV70

high-speed micro die grinder

CE



Free speed	70,000 rpm
Chuck capacity	3 mm
Power	0,08 kW
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	4,5 mm
Mean air consumption	115 l/min
Weight	0,21 kg

210 g 1 019340030

## 1935F

reversible air screwdriver



Free speed	800 rpm
Torque range	4-16 Nm
Screw capacity	6-9 M
Bit holder	1/4"
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	150 l/min
Weight	1,3 kg

kg 1,3 1 019350045

## 1936/4A

angle grinder



Free speed	11,000 rpm
Grinding disc size	115 mm
Power	0,66 kW
Spindle thread	M14
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	390 l/min
Weight	1,77 kg

kg 1,8 1 019360024

## 1936/5A

angle grinder



Free speed	10,000 rpm
Grinding disc size	125 mm
Power	0,66 kW
Spindle thread	M14
Air inlet	1/4" GAS
Working pressure	6,2 bar
Ø internal hose size	10 mm
Mean air consumption	390 l/min
Weight	1,9 kg

kg 1,9 1 019360025

## 1936/7A

angle grinder



Free speed	7600 giri/min
Grinding disc size	180 mm
Power	1,3 kW
Spindle thread	M14
Air inlet	3/8" GAS
Working pressure	6,2 bar
Ø internal hose size	13 mm
Mean air consumption	906 l/min
Weight	2,7 kg

kg 2,7 1 019360027

## 1937

roto-orbital palm sander, lubrication free, made from composite material

• Orbit diameter: 5 mm



Free speed	12,000 rpm
Power	0,18 kW
Pad size	150 mm
Orbit diameter	5 mm
Spindle thread	5/16"-24
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	170 l/min
Weight	0,86 kg

kg 0,86 1 019370001

## 1937R/P

6-hole pad, Ø 150 mm, for item 1937



1937R/P 1 019370002

## 1937KC

mini orbital sander

- Orbit diameter 4 mm
- 2 sanding pads (Ø 50 mm and Ø 75 mm)
- 10 abrasive paper discs (Ø 50 mm), grain 400, 600, 800
- 10 abrasive paper discs (Ø 75 mm), grain 400, 600, 800



Free speed	15000
Power	0,25
Pad size	50 - 75
Spindle thread	M6 x 1,0
Air inlet	1/4" GAS BSPT
Operating pressure	6,2 bar
Internal hose size (Ø)	10
Mean air consumption	79
Polisher weight	0,64
Kit weight	1,4

kg 1,4 1 019370171



## 1937C...

Abrasive paper discs for item 1937KC



Ø mm	P		
50	400	1	019370175
50	600	1	019370176
50	800	1	019370177
75	400	1	019370178
75	600	1	019370179
75	800	1	019370180

## 1937KL

mini polisher

- Sanding pad (Ø 75 mm)
- 2 polishing sponges (Ø 90 mm) - 1937/KL-DSB, 1937/KL-DSG
- Lambswool pad (Ø 90 mm) - 1937/KL-DLA

CE

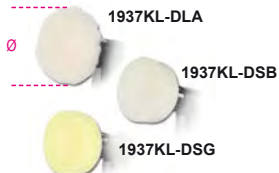


Free speed	3,200 rpm
Power	0.25 kW
Pad size	75 mm
Spindle thread	M6
Air inlet	1/4" GAS BSPT
Operating pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	91 l/min
Polisher weight	0.75 kg
Kit weight	1.8 kg

kg	1,8	1	019370161
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## 1937KL-D

accessories for item 1937KL



Ø mm			
1937KL-DLA	90	1	019370164
1937KL-DSB	90	1	019370165
1937KL-DSG	90	1	019370166

## 1937K...

Pads for items 1937KC and 1937KL



Ø mm	1937KC	1937KL		
1937KC-RP	50	•	1	019370173
1937KL-RP	75	•	1	019370163

## 1937M

multi-use sander  
with 16 accessories

CE



Free speed	3,500 rpm
Power	0.34 kW
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	113 l/min
Sander weight	1.5 kg
Kit weight	4.5 kg

kg	4,5	1	019370011
458x495x116 mm			

## 1937M-01÷11

accessories for item 1937M



L mm	1937M-		
1937M-01	30		1 019370101
1937M-02	30		1 019370102
1937M-03	11		1 019370103
1937M-04	23		1 019370104
1937M-05	11		1 019370105
1937M-06	23		1 019370106
* 1937M-07	16		1 019370107
1937M-08	13	07	1 019370108
1937M-09	26	07	1 019370109
1937M-10	11	03, 05	1 019370110
1937M-11	23	01, 02, 04, 06	1 019370111

## 1937N10

pneumatic belt sander

CE



Free speed	20,000 rpm
Power	0.37 kW
Belt size	10x330 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	374 l/min
Weight	0.9 kg

kg	0,9	1	019370041
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## 1937N10-GR

sand belts for item 1937N10



	P		
1937N10-GR60	60	1	019370146
1937N10-GR80	80	1	019370148
1937N10-GR100	100	1	019370150
1937N10-GR120	120	1	019370152

## 1937N20

pneumatic belt sander

CE



Free speed	16,000 rpm
Power	0.45 kW
Belt size	20x520 mm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	400 l/min
Weight	1.6 kg

kg	1,6	1	019370051
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## 1937N20-GR

sand belts for item 1937N20



	P		
1937N20-GR60	60	1	019370156
1937N20-GR80	80	1	019370158
1937N20-GR100	100	1	019370160
1937N20-GR120	120	1	019370162

## 1938

windscreen remover

• Supplied with 1 57 mm straight blade

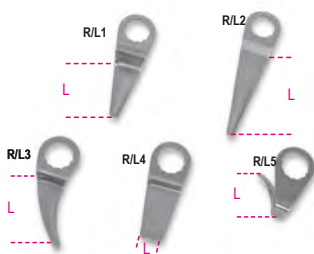


Oscillations/minute	20,000
Air inlet	1/4" GAS
Operating pressure	6,2 bar
Internal hose size (Ø)	6,5 mm
Mean air consumption	200 l/min
Weight	1,0 kg

kg	1,0	1	019380021
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## 1938R/L

blades for windscreen removers



	L mm		
1938R/L1	57	1	019380041
1938R/L2	90	1	019380042
1938R/L3	30	1	019380043
1938R/L4	8	1	019380044
1938R/L5	36	1	019380045

## 1938R/S5

set of 5 blades for item 1938

1938R/S5	1	019380055
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## 1940

air hammer

• Supplied with a nonreturn spring and a bayonet retainer for hexagon chisels



Strokes per minutes	3,500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	1,9 kg

kg	1,9	1	019400001
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## 1940/C6

air hammer with 5 chisels and accessories

• For cutting sheet metal, bolts and bodies, removing welding slugs, rivets, plaster and tiles  
 • Assortment in a convenient ABS tool case, comprised of:  
 1 air hammer item 1940  
 1 flat chisel item 1940SN  
 1 demolition chisel item 1940ST  
 1 round-tipped chisel item 1940SD  
 1 bevel chisel item 1940SPS  
 1 sheet metal cutting chisel 1940SDT  
 1 nonreturn spring item 1940MT  
 1 bayonet retainer for hexagon chisels



Strokes per minute	3.500
Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	240 l/min
Weight	3,3 kg

kg	3,3	1	019400000
mm	320x240x90		

## 1940MT

spare retainer spring for item 1940



1940MT	5	019400110
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## 1940S...

chisels for air hammers  
item 1940



1940SN	5	019400020
1940ST	5	019400021
1940SD	5	019400022
1940SPS	5	019400023
1940SDT	5	019400024

## 1940/S5

set of 5 chisels for air hammers  
item 1940



1940/S5	1	019400030
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## 1940E10

air hammer

• Compatible with chisels with 10-mm hexagon drive  
 • Supplied with a nonreturn spring and a bayonet retainer



Strokes per minute	2,900
Inlet size	Ø 10 mm
Piston size	19 mm
Piston stroke	67 mm
Chisel inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	76 l/min
Weight	1,7 kg

kg	1,7	1	019400010
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## 1940E10/MT

spare retainer spring for item 1940E10



1940E10/MT 5 019400112

## 1940E10/S...

chisels for air hammers 1940E10



1940E10/SN	5	019400040
1940E10/ST	5	019400041
1940E10/SD	5	019400042
1940E10/SPS	5	019400043
1940E10/SDT	5	019400044

## 1940E10/S5

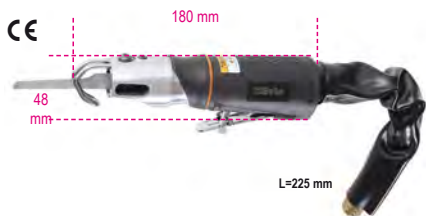
set of 5 chisels for air hammers 1940E10



1940E10/S5 1 019400050

## 1942A

air saw



Strokes per minute	10.000
Stroke length	10 mm
Air inlet	1/4" GAS BSP
Operating pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	75 l/min
Weight	550 g

1942A 1 019420000

## 1942LR

Bimetal blades for air saw 1942A



1942LR 5 019420032

## 1944A

axial needle scaler



Strokes per minute	3.800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	10 mm
Mean air consumption	85 l/min
Weight	2,8 kg

1944A 1 019440011

## 1944N

needle scaler



Strokes per minute	3800
Stroke length	33 mm
N°. of needles	19
Needle size (Ø)	3 mm
Air inlet	1/4" GAS
Working pressure	6,2 bar
Internal hose size (Ø)	8 mm
Mean air consumption	85 l/min
Weight	2,7 kg

1944N 1 019440002

## 1944AR

set of needles for needle scalars 1944N and 1944A



1944AR 2	Ø mm	n.	1 019440015
1944AR 3	2	29	1 019440005
	3	19	

## 1944PA

needle plates for items 1944N and 1944A



1944PA 2	Ø mm	N. Aghi	1 019440016
1944PA 3	2	29	1 019440006
	3	19	

## 1945S

stapler

• Uses staples type 80, section 0.95 x 0.65 mm (21-Gauge), length: 4 - 16 mm; width: 12.8 mm



Magazine capacity	157 pcs
Air inlet	1/4" GAS
Working pressure	4,2 - 7 bar
Internal hose size (Ø)	8 mm
Air consumption (7 bar)	0,34 l/cycle
Weight	0,87 kg

1945S 1 019450000

## 1945S/G...

staples type 80, section 0.95x0.65 mm (21-Gauge), width 12.8 mm, for item 1945S



1945S/G 4	L mm	1 019450004
1945S/G 6	4	1 019450006
1945S/G 8	6	1 019450008
1945S/G 10	8	1 019450010
1945S/G 12	10	1 019450012
1945S/G 14	12	1 019450014
1945S/G 16	14	1 019450016



## 1945P

headless pinner

- Uses pins type B6, Ø 0.64 mm (23-Gauge), length: 12 - 35 mm

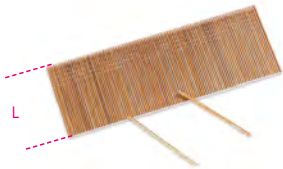


Magazine capacity **145 pcs**  
 Air inlet **1/4" GAS**  
 Working pressure **4 - 7 bar**  
 Internal hose size (Ø) **8 mm**  
 Air consumption (7 bar) **0.27 l/cycle**  
 Weight **0.87 kg**

kg **0,87** 1 019450100

## 1945P/S...

pins type B6, Ø 0.64 mm (23-Gauge), for item 1945P



	L mm	
1945P/S 12	12	1 019450112
1945P/S 15	15	1 019450115
1945P/S 18	18	1 019450118
1945P/S 20	20	1 019450120
1945P/S 21	21	1 019450121
1945P/S 22	22	1 019450122
1945P/S 25	25	1 019450125
1945P/S 30	30	1 019450130
1945P/S 35	35	1 019450135

## 1946

air riveter

- Supplied with interchangeable nozzles, 2.4-3.2-4.0-4.8 mm long



Traction power **8000 N**  
 Stroke length **14 mm**  
 Maximum rivet capacity **Ø aluminium 4,8 mm**  
 Working pressure **6,2 bars**  
 Air inlet **6,2 bar**  
 Internal hose size (Ø) **6 mm**  
 Mean air consumption **1,2 l/cycles**  
 Weight **1,5 kg**

kg **1,5** 1 019460001

## 1946C4,8

riveter

- Automatic suction
- Supplied assembled for use with 2.4 - 3.2 - 4.0 - 4.8 mm long steel, stainless steel, aluminium and copper rivets



Traction power **8,900 N**  
 Stroke length **15 mm**  
 Maximum rivet capacity **Stainless steel Ø 4.8 mm**  
 Air inlet **1/4" GAS**  
 Operating pressure **6,2 bar**  
 Internal hose size (Ø) **10 mm**  
 Air consumption **2.6 l/cycle**  
 Weight **1.5 kg**

kg **1,5** 1 019460006

## 1946C7,8

riveter

- Automatic suction
- Supplied assembled for use with 4.8 - 5.6 - 6.4 - 7.8 mm long steel, stainless steel, aluminium and copper rivets



Traction power **16,900 N**  
 Stroke length **22.5 mm**  
 Maximum rivet capacity **Stainless steel Ø 7.8 mm**  
 Air inlet **1/4" GAS**  
 Operating pressure **6,2 bar**  
 Internal hose size (Ø) **10 mm**  
 Air consumption **4.9 l/cycle**  
 Weight **1.8 kg**

kg **1,8** 1 019460008

## 1946C/T...

heads for structural rivets



	Ø mm	
1946C/T4,8	4,8	1 019460016
1946C/T6,4	6,4	1 019460018

## 1946KF

air riveter for threaded inserts

- Supplied assembled for threaded rivets made of steel, stainless steel, aluminium and copper, M4, M5, M6, M8



Traction power **14,235 N**  
 Stroke length **7 mm**  
 Maximum rivet capacity **Stainless steel Ø, M8**  
 Air inlet **1/4" GAS**  
 Operating pressure **6,2 bar**  
 Internal hose size (Ø) **10 mm**  
 Air consumption **2.1 l/cycle**  
 Air riveter weight **2.1 kg**  
 Kit weight **3.4 kg**

kg **3,4** 1 019460012



## 1946KF/M...

spare pins for item 1946KF



1946KF/M4	1	019460124
1946KF/M5	1	019460125
1946KF/M6	1	019460126
1946KF/M8	1	019460128

## 1947

bonding gun

- Pneumatic gun for medium-density silicone, adhesives and bonds
- Supports standard cartridges (210 x 50 mm), hard and soft



Tube size	210x50 mm
Cartridge capacity	350 ml
Air inlet	1/4" GAS
Working pressure	4.8 bar
Internal hose size (Ø)	10 mm
Mean air consumption	120 l/min
Weight	1,1 kg

kg	1,1
g	1 019470001

## 1947H

bonding gun

- Pneumatic gun for extruding silicone and bonds in standard plastic or aluminium
- Supports standard cartridges (215/218 x 50/51 mm), hard and soft
- Built-in pressure reducing valve



Tube size	210x50 mm
Cartridge capacity	300/310 ml
Air inlet	1/4" GAS
Working pressure	4 ÷ 8 bar
Internal hose size (Ø)	2.5 mm
Mean air consumption	120 l/min
Weight	750 g

g	750
kg	1 019470011

## 1947G

grease gun

- Die-cast aluminium head
- Ergonomic grip for ease of access to tough greasing points
- Corrosion-resistant brass valve
- Takes 400 g cartridges or bulk grease up to 500 cc
- Tube size: 54 (interior) x 260 mm
- Air inlet: 1/4" GAS
- Operating pressure: 4÷10 bar
- Weight: 1.9 kg



Tube size: 54 (interior) x 260 mm  
Air inlet: 1/4" GAS  
Operating pressure: 4÷10 bar  
Weight: 1.9 kg

1947G	1	019470051
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## 1947G2

2-in-1 grease gun

- For continuous or non-continuous grease supply
- Die-cast aluminium head
- Ergonomic handle
- Takes 400 g cartridges or bulk grease up to 500 cc



Hose size	54 (interior) x 276 mm
Air inlet	1/4" GAS BSP
Operating pressure	3÷10 bar
Weight	2,2 kg

1947G2	1	019470060
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## 1948

engraving pen

- Allows such materials as steel, stainless steel, aluminium, glass, stone and ceramic to be marked



Strokes per minute	3,500 ÷ 3,800
Maximum hardness	60 HRC
Air inlet	1/4" GAS
Working pressure	6.2 bar
Mean air consumption	50 l/min
Weight	150 g

g	150
kg	1 019480001

## 1948PR

spare tungsten carbide bit for item 1948

- Maximum hardness: 60 HRC

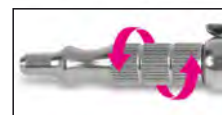


1948PR	1	019480005
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## 1949XS

progressive blow pen

- Made from light alloy
- Air flow can be adjusted by rotating head



Air inlet	1/4"
Operating pressure	3-8 bar
Maximum operating pressure	10 bar
Operating temperature	-20 °C ÷ 70 T38°C
Weight	20 g

g	20
kg	25 019490025



## 1949U5

progressive blow gun with 5 nozzles

- Hard-wearing, shockproof composite material body
- 3 steel nozzles, 100/160/320 mm, scratchproof, protective rubber tips
- 1 "Turbo" nozzle made of fibreglass-reinforced nylon with safety tip
- 1 revolving nozzle, 100 mm, made of fibreglass-reinforced nylon
- With quick fixing system



Ø 1/4" GAS BSPT

Threaded brass insert	1/4" GAS
Working pressure	10 bar
Maximum operating pressure	15 bar
Mean air consumption	280 l/min
Working temperature	-10°C ÷ 85°C
Weight	93 g

93 g 1 019490030

## 1949U5/A

steel nozzle, 100 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



1949U5/A 1 019490131

## 1949U5/B

steel nozzle, 160 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



1949U5/B 1 019490132

## 1949U5/C

steel nozzle, 320 mm, with scratchproof, protective rubber tip, for item 1949U5 - 1949P



1949U5/C 1 019490133

## 1949U5/D

revolving nozzle, 100 mm, made of fibreglass reinforced nylon, for item 1949U5 - 1949P



1949U5/D 1 019490134

## 1949U5/E

"Turbo" nozzle made of fibreglass-reinforced nylon, with safety tip



1949U5/E 1 019490135

## 1949U5/F

flat, fan-shaped nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P



1949U5/F 1 019490136

## 1949U5/G

OSHA nozzle, made of fibreglass-reinforced nylon, for items 1949U5 and 1949P

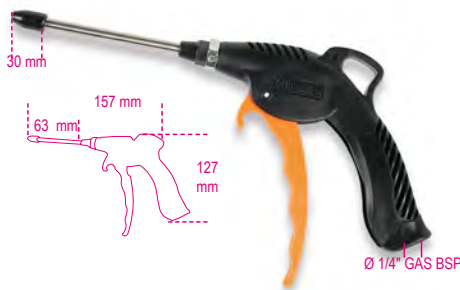


1949U5/G 1 019490137

## 1949BC

progressive blow gun with rubber nozzle

- Hard-wearing, shockproof composite material body
- Replaceable scratchproof rubber nozzle



Aluminium threaded insert	1/4" GAS
Operating pressure	6-8 bar
Maximum operating pressure	15 bar
Mean air consumption	87 l/min
Operating temperature	-20°C ÷ 70°C
Weight	120 g

120 g 1 019490022

## 1949BC/RUL

5 long nozzles with rubber tips, for item 1949BC



1949BC/RUL 1 019490123

## 1949P

progressive mini blow gun

- Hard-wearing, shockproof composite material body
- Quick nozzle fixing system
- Airflow can be adjusted through ring nut rotation



Brass threaded insert	1/4" GAS
Working pressure	6-8 bar
Maximum operating pressure	15 bar
Mean air consumption	280 l/min
Operating temperature	-10°C ÷ 85°C
Weight	70 g

70 g 1 019490031

## 1949T

telescopic progressive blow gun

- Hard-wearing, shockproof composite material body
- Telescopic steel swivel tube: 165 mm ÷ 300 mm



Aluminium threaded insert	1/4" GAS
Operating pressure	6-8 bar
Maximum operating pressure	15 bar
Mean air consumption	144 l/min
Operating temperature	-20°C ÷ 70°C
Weight	190 g

190 g 1 019490040



## 1949F2

progressive blow gun

- Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material
- Special valve and lever allow circuit to be progressively opened, thus optimizing air flow
- Tip with safety plastic cone for safe handling when not in use



Brass threaded insert	1/4" GAS
Operating pressure	4-8 bar
Maximum operating pressure	12 bar
Operating temperature	-20 °C ÷ 70 °C
Weight	125 g

g	1	019490028
125		

## 1949GPA

tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0,5÷12 bar, 7÷174 psi
- pressure release feature
- pressure measurement feature
- pipe length: 58 cm
- 360° hose rotation
- 1/4" air inlet



bar	psi	g	1	019490018
0,5÷12	7÷174			

## 1949DGT/2

digital tyre inflator

- shockproof rubber coated body
- metal operating lever
- operating pressure: 0.5÷12 bar, 7÷174 psi
- 4 units of measurement, bar/psi/kpa/kgf
- backlit LCD display
- resolution: 0.05 bar
- self-power off after 1.5 minutes
- hose length: 58 cm
- 360° hose rotation
- power supply: 2 AAA batteries
- 1/4" air inlet



bar	psi	g	1	019490021
0,5÷12	7÷174			

## 1949M

tyre pressure tester



bar	psi	g	1	019490400
0÷4	5÷60	280		

## 1949R

blow gun  
for cleaning radiators

the 5 holes that are perpendicular to the handle allow dirt to be removed from radiators



L	mm	g	1	019490050
600	6			

## 1950BZK

tyre bead seater

- secondary handle with push-button operation helps keep hold of tool during use
- tank capacity: 18 l
- operating pressure: 3-8 bar
- tank maximum pressure: 16 bar
- pressure relief valve
- gauge with graduated scale
- plastic inlet preventing rim damage



L	Ø	g	1	019500078
440	290			

## 1950BZK/T

truck tyre bead seater

Beta's tyre bead seater is fitted with a secondary handle with push-button operation, for a firmer and safer two-handed hold.



- Features
- Tank capacity: 36 l
  - Operating pressure: 3-8 bar
  - Maximum tank pressure: 16 bar
  - Pressure relief valve
  - Gauge with graduated scale
  - Plastic inlet preventing rim damage

L	Ø	g	1	019500080
560	290			



## 1950GPP

portable tyre inflator with automatic and manual charging, with inflating gun

A must-have for garages and service stations, suitable for testing and restoring tyre pressure via inflating gun with double scale (bar/psi) gauge.

Charging can be either automatic (via wall outlet) or manual (via filling valve)



Technical data:

- Tank capacity: 10 l
- Max. tank pressure: 16 bar (232 psi)
- Tank pressure gauge, Ø 50 mm: 0+16 bar (232 psi)
- Operating pressure gauge: 0+16 bar (232 psi)
- Inflating hose length: 1550 mm
- Empty weight: 9.3 kg

1950GPP 700 300 0=16 10

1 019500050

## 1951

cleaning gun

- For cleaning car upholstery, carpeting, seats and boots



Free speed  
 Tank capacity 1 L  
 Air inlet 1/4" GAS  
 Working pressure 6.2 bar  
 Internal hose size (Ø) 8 mm  
 Mean air consumption 110 l/min  
 Weight 650 g

650 1 019510051

## 1951A

suction cleaning gun

- For cleaning car upholstery, carpeting, seats and boots
- For use with suitable detergents
- 1L tank
- Fitted with a tap for dispensing liquid from tank
- Complete with corrugated tube, 1.8 m long



Tank capacity 1 l  
 Air inlet 1/4" GAS  
 Operating pressure 6.2 bar  
 Internal hose size (Ø) 8 mm  
 Mean air consumption 120 l/min  
 Weight 800 g

800 1 019510101

## 1952

professional paint spray gun

- Die-cast aluminium body plated with black chemical nickel
- Nylon cup with drip-catching device, 3/8" BSP thread
- Body thread: 1/4" BSP cylindrical gas thread
- Pressure and airflow regulator
- Jet regulator from round to fan spray pattern
- Paint quantity regulator
- Supplied with service spanner for maintenance operations

CE



Ø mm	L mm	D1xD mm	Ø GAS mm
1,2	1,2	8x12	1/4"
1,5	1,5	10x14	3/8"
1,8	1,8	12x16	1/2"
2,0	2,0		

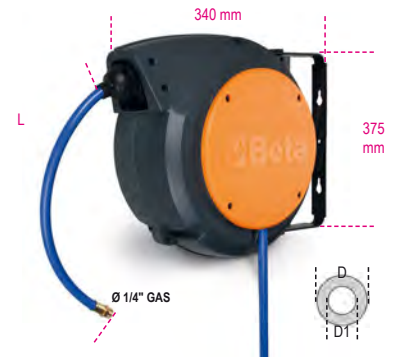
1 019520012  
 1 019520015  
 1 019520018  
 1 019520020

## 1900S

automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



D1xD mm	L mm	Ø GAS mm
8x12	10	1/4"

1 019000080

## 1900M

automatic spring hose reel, shockproof plastic body, for use with air or water

- max. operating pressure: 15 bar
- braided polyurethane hose
- polypropylene frame
- device for automatically fixing hose at required length
- rack mechanism can be disabled to keep hose pulled
- operating temperature range: -5 °C / +50 °C
- supplied with a 180° swivel bracket and an additional quick connection bracket

CE



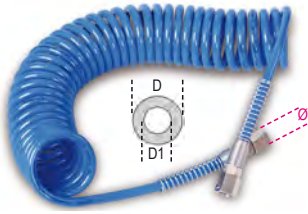
D1xD mm	L mm	Ø GAS mm
8x12	15	1/4"
10x14	15	3/8"
12x16	15	1/2"

1 019000085  
 1 019000115  
 1 019000125

## 1914

polyurethane recoiled hoses, 98 Shore, extendable

• Maximum operating pressure: 12 bar



L m	DxD1 mm	Ø GAS BSP		
4	5x8	1/4"	1	019140054
6	5x8	1/4"	1	019140056
10	5x8	1/4"	1	019140060

## 1915B

polyurethane recoil hoses, 95 Shore, extendable up to 9 m

• Maximum operating pressure: 10 bar



D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150011
8x12	1/4"	1	019150012

## 1915C

polyurethane recoil hoses, 95 Shore, extendable up to 12 m

• Maximum operating pressure: 10 bar

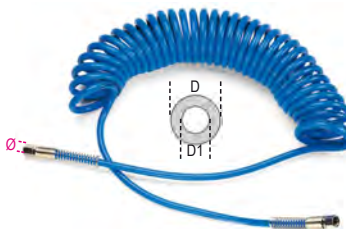


D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150014
8x12	1/4"	1	019150015

## 1915C/L

polyurethane recoil hoses, 95 Shore, extendable up to 15 m

• Maximum operating pressure: 10 bar



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150115

## 1915D

braided polyurethane hose, 95 Shore, 9 metres long

• Maximum operating pressure: 15 bar



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150017

## 1915E

braided polyurethane hose, 95 Shore, 12 metres long

• Maximum operating pressure: 15 bar



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150019
11x16	3/8"	1	019150020

## 1915E/XL

braided polyurethane coils, 95 Shore, 50 m long

• Maximum operating pressure: 15 bar



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150519
11x16	3/8"	1	019150520

## 1916I

quick couplings Italian profile male threaded, cylindrical (BSP)



Ø GAS BSP			
1/4"	5	019160001	
3/8"	5	019160002	

## 1916G

quick couplings European profile male threaded, tapered (BSPT)



Ø GAS BSPT			
1/4"	5	019160005	
3/8"	5	019160010	
1/2"	5	019160012	

## 1916GF

quick couplings, Italian profile, female threaded, cylindrical (BSP)



Ø GAS BSP			
1/4"	5	019160055	
3/8"	5	019160060	

## 1916GFE

quick couplings, European profile, female threaded, tapered (BSPT)



Ø GAS BSPT			
1/4"	5	019160075	
3/8"	5	019160082	
1/2"	5	019160084	

## 1916JM

quick couplings, Asian profile, male threaded, tapered (BSPT)



Ø GAS BSPT			
1/4"	1	019160406	
3/8"	1	019160410	

## 1916JF

quick couplings, Asian profile, female threaded, cylindrical (BSP)



Ø GAS BSP			
1/4"	1	019160456	
3/8"	1	019160460	

## 1917M

universal ball quick couplers,  
shockproof rubber,  
male threaded, cylindrical (BSP)

- Designed for couplings 1916I and 1916G



Ø GAS BSP		
1/4"	5	019170001
3/8"	5	019170003
1/2"	5	019170004

## 1917F

universal ball quick couplers,  
shockproof rubber,  
female threaded, cylindrical (BSP)

- Matches couplings 1916I and 1916G



Ø GAS BSP		
1/4"	5	019170005
3/8"	5	019170010
1/2"	5	019170014

## 1917JM

ball quick couplers,  
Asian profile,  
male threaded, cylindrical (BSP)



Ø GAS BSP		
1/4"	1	019170406
3/8"	1	019170410
1/2"	1	019170412

## 1917JF

ball quick couplers, Asian profile,  
female threaded, cylindrical (BSP)



Ø GAS BSP		
1/4"	1	019170456
3/8"	1	019170460

## 1917RG

rotary universal coupler

- Made of aluminium, female threaded, cylindrical (BSP)  
male threaded, cylindrical (BSP)
- Matches all couplings with Italian and European profiles
- Rotates freely, even without connected area



Ø GAS BSP		
1/4"	1	019170252

## 1917SP

universal ball quick couplers,  
with sleeve for rubber hose



D1xD mm		
6x14	5	019170206
8x17	5	019170208
10x19	5	019170210

## 1918

hose tail fitting, male threaded



D1 mm	Ø GAS BSP		
8	1/4"	3	019180118
10	1/4"	3	019180120
10	3/8"	3	019180130
12	3/8"	3	019180132
10	1/2"	3	019180140
12	1/2"	3	019180142

## 1918N

connecting nipples  
with tapered threads (BSPT)



Ø GAS	Ø1 GAS		
1/4"	1/4"	5	019180300

## 1918R

reducing nipples  
with tapered threads (BSPT)



Ø GAS	Ø1 GAS		
1/4"	3/8"	5	019180200
3/8"	1/2"	5	019180210



## 1919FE1/4

filter-regulator-lubricator



<b>Air in/outlet</b>	1/4" GAS BSPT
<b>Pressure gauge inlet</b>	1/8" GAS BSPT
<b>Maximum air capacity</b>	750 l/min
<b>Maximum pressure</b>	9,5 bar
<b>Operating pressure</b>	0,5 - 8,5 bar
<b>Operating temperature</b>	5 - 60 °C
<b>Filter capacity</b>	5 micron
<b>Cup capacity</b>	15 cc air / 25 cc oil
<b>Weight</b>	700 g

g	700	
		1 019190200

## 1919RB-FE1/4

set of spare cups for item 1919FE1/4



		1 019190210
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## 1919RF-FE1/4

spare filter for item 1919FE1/4



		1 019190230
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## 1919RM-FE1/4

spare pressure gauge  
for item 1919FE1/4



1919RM-FE

1 019190220

## 1919F1/4

filter-regulator-lubricator



**Air in/outlet** 1/4" GAS BSPT  
**Maximum air capacity** 1000 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

kg  
1,3

1 019190250

## 1919F3/8

filter-regulator-lubricator



**Air in/outlet** 3/8" GAS BSPT  
**Maximum air capacity** 1350 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

kg  
1,3

1 019190350

## 1919F1/2

filter-regulator-lubricator



**Air in/outlet** 1/2" GAS BSPT  
**Maximum air capacity** 2500 l/min  
**Maximum pressure** 9,5 bar  
**Operating pressure** 0,5 - 8,5 bar  
**Operating temperature** 5 - 60 °C  
**Filter capacity** 5 microns  
**Cup capacity** 60 cc air / 90 cc oil  
**Weight** 1.3 kg

kg  
1,3

1 019190450

## 1919RB-F

set of spare cups for filters  
item 1919F - 1/4", 3/8" and 1/2"



1919RB-F

1 019190510

## 1919RF-F

spare filter for filters  
item 1919F - 1/4", 3/8" and 1/2"



1919RF-F

1 019190530

## 1919RM-F

spare pressure gauge for filters  
item 1919F - 1/4", 3/8" and 1/2"



1919RM-F

1 019190520

## 1919ML

mini lubricators



Ø mm	L mm	Ø mm	
1/4"	63	36	1 019190030
3/8"	63	36	1 019190032

## 1919SC

mini water separator



Ø mm	L mm	Ø mm	
1/4"	80	40	1 019190035

## 1919L

ISO 32 lubricating oil

**Density 20°C**  
**Viscosity 40°C**  
**Flammability COC**

**875 Kg/m³**  
**32 cSt**  
**210°C**



cc  
500

5 019190050





# CONTAINERS AND ASSORTMENTS



		TOOL CASES & TROLLEYS						TOOL BAGS & BOXES															
	pieces	2009N/BV	2028/VV	2029/VV	2032/TV	2033L/VV	2036/TV	C5   C6T   C9MT	C7	C8	C10	C9   C10S   C11   CP15L	C16   CP17   CP17L	C12	C14	CP15	C18	C19   C19L	C20	C20L	C41S	C41H	C42H
5914VU/M	Universal maintenance	109												509									
5915VU/0	Universal maintenance	35						511															
5915VU/1	Universal maintenance	45							511	511	511	511			511	511							
5915VU/2	Universal maintenance	49						512							512				512	512			
5915VU/3	Universal maintenance	74						512		512	512	512						512	512	512			
5915VU/4	Universal maintenance	80																	513	513			
5915VU/5	Universal maintenance	111											513								513	513	513
5915VU/AS	Universal maintenance	68								514								514	514				
5940SBK	Bicycle and motorcycle repairs	125																			539	539	539
5941VU/M	Universal maintenance	64																				540	
5980EL/A	Electronic	57	525		525	525																	
5980EL/B	Electronic	98		526		526	526																
5980ET/A	Electrotechnical	70	523		523									523									
5980ET/B	Electrotechnical	64		524		524	524							524									
5980ID/1	Plumbing	24	527					527															
5980MQ	Electrotechnical	46		524																			
5980U/BIKE	Bicycle and motorcycle repairs	90											517							517			

## FUNCTIONALITY

## STURDINESS

## DURABILITY

### TOOL BAGS AND RUCKSACKS MADE FROM TECHNICAL FABRIC

These are the three cornerstones of Beta's range of Fabric Containers.

Beta's tool bags and rucksacks are made from sturdy technical fabric, resistant to both abrasion and wear, with reinforced bottoms and seams, translating into reliability and durability.

Each container has special characteristics, designed for different uses and space optimization: zipped pockets, telescopic handles, wheel protectors, reinforced shoulder straps and transparent document bags are but some of the peculiarities of each bag and rucksack.

Painstaking care for detail, variety and special attention to the completely safe transportation of the tools make these products ideal for every working situation.



### 2001/B26

fabric wallet with assortment of 26 tools



2001/B26

1 020010215

55	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm	n.
96N/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	9
1044N	250 mm	1
1128BMX	147 mm	1
1150	180 mm	1
1201E	3x75 - 4x100 - 5,5x150 mm	3
1202E	PH1x80 - PH2x100 mm	2
1370	300 g	1
1692	2 m	1
1770A	9 mm	1

2001/BV

1 020010051

### 2001/BZV

tool case made from durable technical fabric

- Double upper handle for optimal hold
- Large front document pocket with zip closure
- Velcro strap at the back, for fixing the tool case to the trolley handle
- 20 convenient tool compartments (6 pockets and 14 elastic bands)
- Hammer loops
- Shoulder strap C9/RT can also be included (to be ordered separately)



2001/BZV

1 020010151

380x290x60 mm - 890 g



### POLYPROPYLENE TOOL CASES

Beta provides a wide range of technical cases catering to any needs!

Beta's tool cases and trolleys are made from sturdy, thick, shockproof, corrosion-resistant polypropylene designed to withstand heavy-duty use – e.g. at low temperatures.

Choose the product that best fits your working requirements from the classic tool trolley, the wheeled trolley version for easy transport, the versions fitted with TSA locks for totally free travelling and, finally, the aluminium or watertight version.

Most of Beta's tool cases and trolleys are also available in combination with tool assortments satisfying different working needs, depending on the field of application: electronics, hydraulics, boating and maintenance.







## 2001/BZ24 MQ

folding tool case with assortment of 24 tools, for electricians



### 2001/BZ24 MQ

1 020010154

	n.
1128BMX 147 mm	1
1150MQ 180 mm	1
42 8-10-13-17-19 mm	5
1274MQ 3x100 - 4x100 - 5,5x125 mm	3
1272MQ PH0x60 - PH1x80 - PH2x100 mm	3
96BP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1253	1
1082MQ 160 mm	1
380x290x60 mm	

## 2001/BZ27 VU

folding tool case with assortment of 27 tools, for universal use



### 2001/BZ27 VU

1 020010157

	n.
1128BMX 147 mm	1
1150 180 mm	1
42 7-8-10-13-17-19 mm	6
1201E 3x75 - 4x100 - 5,5x150 mm	3
1202E PH0x60 - PH1x80 - PH2x100 mm	3
96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	9
1370 300 g	1
1048N 250 mm	1
1692/5 5 m	1
1771 18 mm	1
380x290x60 mm	

## 2002/BV6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BV6

1 020020000

175x240 mm - 83 g

## 2002/BVL6

roll-up tool wallet made of durable polyester, empty

- With 6 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BVL6

1 020020010

220x290 mm - 120 g

## 2002/BV7-ZIP

roll-up tool wallet made of durable polyester, empty

- With 7 convenient, differently sized compartments and small tool pocket with zip closure
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BV7-ZIP

1 020020060

335x220 - 135 g

## 2002/BV8

roll-up tool wallet made of durable polyester, empty

- With 8 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BV8

1 020020020

395x360 mm - 225 g

## 2002/BV9

roll-up tool wallet made of durable polyester, empty

- With 9 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BV9

1 020020030

325x290 mm - 155 g

## 2002/BV12

roll-up tool wallet made of durable polyester, empty

- With 12 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



### 2002/BV12

1 020020040

650x355 mm - 310 g

## 2002/BV13

roll-up tool wallet made of durable polyester, empty

- With 13 convenient, differently sized tool compartments
- Central handle made of reinforced fabric makes it easy to carry
- With interior flap preventing tools from coming out
- Reinforcement seams throughout wallet perimeter
- Double Velcro closure



2002/BV13

1 020020050

330x190 mm - 110 g

## 2002/BV42

roll-up tool wallet made of durable polyester, empty

- With 42 convenient, differently sized tool compartments: 18 elastic bands and 24 pockets, including one pocket with strap flap
- Central handle made of reinforced fabric makes it easy to carry
- Can be hung on wall by means of metal rings
- Reinforcement seams throughout wallet perimeter
- Sturdy closure with double clip buckle



2002/BV42

1 020020070

595x540 mm - 490 g

## 2005MPU

tool pouch, empty, made from nylon, with belt

- Five large tool pockets
- One front scissors pocket
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)



2005MPU

1 020050060

155x285x80 mm

## 2005MPU/E

tool pouch with assortment of 5 tools



2005MPU/E

1 020050065

1128BMX 147 mm

1150BM 180 mm

1201E 3,5x100 - 4x100 mm

1202E PH1x80 mm

155x285x80 mm

## 2005PA/D

tool pouch, empty, made from nylon, with belt



2005PA/D

1 020050000

## 2005PA/E

tool pouch, empty, made from nylon, with belt

- Two large pockets with elastic tool bands
- Two front scissors pockets
- Two convenient side compartments with:
  - left pocket with sturdy metal hook for measuring tapes
  - double right pocket with bag with drawstring and zip closure
- Buckle with carabine hook for adhesive tape
- Adjustable belt (70 ÷ 120 cm)



2005PA/E

1 020050030

260x250x190 mm

## 2005PA/ET

tool pouch with assortment of 8 tools for electrotechnical maintenance



2005PA/ET

1 020050035

1082MQ 160 160 mm

1128BMX 147 mm

1253

1272MQF PH1x80 - PH2x100

1274MQF 3,5x100 - 4,5x100

1639ESB BMESB1925NE

260x250x190 mm

## 2005PA/S

tool pouch, empty, made from nylon, with belt



2005PA/S

1 020050020

280x76x264 mm

## 2009N/BV

leather maintenance tool bag

Made entirely from strong leather, sides reinforced in structural aluminium.

Fitted with:

- shoulder strap
- metal buckle closure
- sturdy interior base made from galvanized sheet iron



2009N/BV

1 020090200

530x220x190 mm



## 2005PA/U

tool pouch with assortment of 17 tools for universal use



2005PA/U 1 020050040

96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

111E 200 mm

1048N 250 mm

1128BMX 147 mm

1201E 4x100 - 5,5x125 mm

1202E PH1x80 - PH2x100 mm

1692/3 3 m

260x250x190 mm

## 2028/VV

tool case, made of polypropylene

2 tool panels  
Interior bottom with removable partitions  
Double combination lock



2028/VV 1 020280010

480x190x400 mm - 4,7 Kg

## 2028E

tool case with assortments of tools for electronic and electrotechnical maintenance



2028EL/A 1 020281014

(2028/VV+5980EL/A)

2028ET/A 1 020281018

(2028/VV+5980ET/A)

## 2029/VV

tool case, made of thick polypropylene, aluminium edged

- 2 tool panels
- Bottom with removable and adjustable partitions
- Supplied with shoulder strap
- 2 keyed locks



2029/VV 1 020290000

480x227x408 mm - 6 Kg

## 2029E

tool cases with assortments of tools for electronic and electrotechnical maintenance



2029 BG MQ 1 020291257

(2029/VV+5980MQ)

2029ET/B 1 020291021

(2029/VV+5980ET/B)

2029EL/B 1 020291017

(2029/VV+5980EL/B)



## 2029EM

tool cases with assortments of maintenance and repair tools for hybrid and electric vehicles



2029EM 1 020290300

52MQ 7-8-9-10-11-12-13-14-15-16-17-19-22 mm

910MQ/B 6-7-10-12-13-17-19 mm

910MQ/TX TX25 - TX30 - TX40

910MQ/55

1048MQ 250 mm

1082MQ 160 mm

1128MQ 145 mm

1150MQ 180 mm

1162MQ 160 mm

1272MQ PH1 - PH2

1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 - 6,5x150 mm

1760PT/N

1777MQ/U 190 mm

7109A A1 - A2

7109D D2 - D3

1997MQ/GM Gr. 10

## 2032/TV

tool trolley, made from plastic

- 2 tool panels
- Tool pocket
- Interior bottom with removable partitions



2032/TV 1 020320110

450x200x400 mm - 3 Kg

## 2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A  
(2032/TV+5980ET/A) 1 020321328

## 2033L/VV

wall tool case, made from aluminium, empty

- Highly shock resistant
- Nonscratch finish
- Ergonomic handle with rubber grip
- Double closure with combination
- 2 tool panels with elastic bands
- Interior bottom with removable partitions



2033L/VV 1 020330250  
470x203x373 mm - 6 Kg

## 2033L

aluminium tool cases with assortments of tools for electronic and electrotechnical maintenance



2033LEL/A  
(2033L/VV+5980EL/A) 1 020331224  
2033LEL/B  
(2033L/VV+5980EL/B) 1 020331225  
2033LET/B  
(2033L/VV+5980ET/B) 1 020331237

## 2036/TV

tool trolley, made of thick polypropylene, aluminium edged

- 2 tool panels
- Telescopic handle
- Ball bearing castors



2036/TV 1 020360000  
480x267x408 mm - 7,5 Kg

## 2036E

trolley with assortments of tools for electronic and electrotechnical maintenance



2036TET/B  
(2036/TV+5980ET/B) 1 020361223  
2036EL/B  
(2036/TV+5980EL/B) 1 020361218

## 2037/TV

tool trolley, made of thick polypropylene, with 4 pivoting castors

- Highly shock resistant. Suitable for tool transportation in aircraft.
- 2 removable tool panels.
- Built-in document pocket.
- 4 removable pivoting castors for horizontal trolley handling.
- 2 tote-trays included
- 2 TSA approved locks with keys
- Rubber-coated handle



2037/TV 1 020370000  
482x295x478 mm - 8,2 Kg

## 2038/TV

tool trolley, made of thick polypropylene

- Highly shock resistant
- Aluminium sealing profile
- 2 TSA approved locks with keys
- 2 removable tool panels.
- Telescopic handle and big ball bearing castors
- 2 ergonomic rubber-coated handles (including 1 side handle)
- Capacious bottom
- Document pocket
- 3 tote drawers



2038/TV 1 020380000  
430x375x525 mm - 9 Kg



# Beta

## 2041UC

Utility Case with assortment of 33 tools



2041UC

1 020410215

- 55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 111E 200 mm
- 1048VN 250 mm
- 1128BMX 147 mm
- 1150 180 mm
- 1201E 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m
- 1771 170 mm
- 1833S 70 Lumen / 140 mm
- 1639NS-N 25m
- 1696 200 mm
- 535x282x87 mm - 4,5 Kg

## 2051N

assortment of 55 tools  
for nautical maintenance  
with shockproof polypropylene case



2051N

1 020510225

- 42 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 55AS 3/8x7/16 - 1/2x9/16 - 5/8x11/16"
- 96/SC9  $\varnothing$ 1,5+10 mm
- 111E 200 mm
- 920A  $\varnothing$  10 - 12 - 13 - 14 - 17 - 19 mm
- 920AS  $\varnothing$  7/16 - 1/2 - 9/16 - 11/16 - 7/8"
- 920/22 255 mm -  $\square$ 1/2 -  $\blacksquare$ 1/2
- 920/25  $\square$ 1/2 -  $\blacksquare$ 1/2
- 920/42  $\blacksquare$ 1/2
- 920/55  $\blacksquare$ 1/2
- 956C  $\square$ 1/2 - 16 - 20,8 mm
- 1048BM 250 mm
- 1084BM 160 mm
- 1128BMX 147 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1201E  $\bullet$ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 1202E  $\bullet$ PH1x80 - PH2x100 mm
- 1390  $\varnothing$  35 mm
- 1490/2  $\varnothing$  max 240 mm
- 1737 145 mm
- 1778X
- BMN1436 3,6 x 140 mm
- BMESB1925NE 25 m
- 585x393x92 mm - 9 kg

## 2055HB

"Home Bag" case with assortment of 24 tools



2055HB

1 020550215

- 55 6x7 - 8x9 - 10x11 - 12x13 mm
- 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1128BMX 147 mm
- 1150 180 mm
- 1048VN 250 mm
- 1201E 3x75 - 4x100 - 5,5x100 mm
- 1202E PH0x60 - PH1x80 - PH2x100 mm
- 1370 300 g
- 1692 3m
- 373x275x70 mm - 3 Kg

## 2080/DS

SMALL organizer tool case, with 15  
compartments and 10 removable partitions  
The perfect solution for carrying smallwares, including  
screws, nuts, washers, rivets and dowels.

- Sturdy transparent cover, designed to prevent material from coming out of compartments
- Removable partitions, to form compartments varying in size, depending on individual requirements
- Can be put on top, and hooked to, each other
- Interior dimensions: 345 x 290 mm



2080/DS

4 020800210

375x315x65 mm - 760 g

## 2080/DL

LARGE organizer tool case, with 15  
compartments and 8 removable partitions  
The perfect solution for carrying smallwares, including  
screws, nuts, washers, rivets and dowels.

- Sturdy transparent cover, designed to prevent material from coming out of compartments
- Removable partitions, to form compartments varying in size, depending on individual requirements
- Can be put on top, and hooked to, each other
- Interior dimensions: 410 x 300 mm



2080/DL

3 020800211

440x330x75 mm - 970 g

## 2080/V17

organizer tool case with 17 removable tote  
trays

A must-have for accommodating and carrying smallwares  
tidily and accurately.

- Sturdy cover, designed to prevent material from coming out of compartments
- Differently sized tote trays:
  - small: 5.1x4,6x5.9h cm
  - medium: 5,1x9,9x5.9h cm
  - large: 10x9,9x5.9h cm
- Interior dimensions: 310 x 255 mm



2080/V17

4 020800200

335x285x65 mm - 750 g

## 2080/V6

organizer tool case with 6 removable tote-trays and adjustable partitions



2080/V6 1 020800060  
385x320x60 mm - 1,2 kg

## 2080/V6-U

removable tote-tray for organizer tool case 2080/V6



2080/V6-U 1 020800066  
90x60x50 mm

## 2080/V12

organizer tool case with 12 removable tote-trays



2080/V12 1 020800000  
300x145x330 mm - 1,8 kg

## 2080/V12-...

removable tote-tray for organizer tool case 2080/V12



2080/V12-S 3 020800013  
95x75x65 mm  
2080/V12-M 2 020800015  
145x75x65 mm  
2080/V12-L 1 020800020  
295x75x65 mm

## C3

mini tool bag, made from technical fabric

Main features:

- 1 exterior front pocket with zip closure
- 2 side pockets with tote trays
- 1 convenient rear pocket with Velcro closure
- 1 removable interior tool panel, with elastic bands on both sides
- USB interface for charging mobile devices
- Complete with shoulder strap



C3 1 021030000  
230x110x320 mm - 917 g

## C5S

tool rucksack, made of hard-wearing polyester

- Double handle on top centre of rucksack for firm, balanced hold
- Two large front pockets
- Two capacious interior pockets and 2 additional Velcro straps
- Handy roll-up interior bag, composed of 4 tool panels
- Adjustable reinforced shoulder straps
- Maximum carrying capacity: 15 kg



C5S 1 021050100  
310x120x390 mm - 0,9 Kg

## C5 - 2105

tool rucksack, made of technical fabric



C5 2105VU/0 1 021050000  
(C5+5915VU/0) 1 021051122  
400x200x500 mm - 2,8 Kg

## C6T - 2106

tool rucksack, made of technical fabric, with castors



C6T	1	021060010
2106T/VU0	1	021061123
(C6T+5915VU/0)		

360x200x480 mm - 4,9 Kg

## C7 - 2107

technical fabric tool bag

- 2 removable interior tool panels
- Interior PC pocket
- 2 exterior front pockets
- Interior bottom made of plastic, with removable partitions



C7	1	021070000
2107VU/2	1	021071112
(C7+5915VU/2)		
2107VU/3	1	021071114
(C7+5915VU/3)		

480x165x380 mm - 4 Kg

## C7AT

servicing tool bag made from technical fabric

Main features:

- made from super durable technical fabric
- reinforced base with rubber feet
- dual top handle for a safe, balanced hold
- large front document pocket with zip closure and additional compartment with dual strap + clip closure
- dual side pocket with strap closure
- capacious interior compartment with additional document pocket
- PC and tablet compartment with protective interior padding (PC size up to L=370 mm, H=250 mm - 15")
- front zipper opening on both bag sides for quick access to tools:
- 29 compartments and 13 elastic tool bands on front side;
- 33 tool compartments on rear side.
- supplied complete with adjustable padded shoulder strap



C7AT	1	021070010
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420x200x340 mm - 2,8 Kg

## C8 - 2108

technical fabric tool trolley



C8	1	021080000
2108VU/1	1	021081022
(C8+5915VU/1)		

470x280x380 mm - 5,5 Kg

## C8B

tool trolley made from technical fabric, for electricians

- Hard frame
- Telescopic carrying handle
- 4 castors
- 1 removable interior tool panel
- Front pocket with badge holder
- Double bottom complete with tote tray
- 2 exterior side pockets
- 2 wire puller hooks
- Tilting handle for easier access to tools
- Can be padlocked (padlock not included)



C8B	1	021080300
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380x250x430 mm - 4,8 Kg

## C9 - 2109

technical fabric tool bag

- Hard base
- Interior and exterior tool pockets
- Exterior pocket with zip closure for enhanced safety
- Pocket with strap closure for personal belongings
- Double bottom
- Double string for levels
- Shoulder strap for easier transport



C9	1	021090000
2109VU/1	1	021091022
(C9+5915VU/1)		
2109VU/3	1	021091024
(C9+5915VU/3)		

550x280x320 mm - 2,6 Kg

## C9/RT

shoulder strap for items  
C4,C7,C9,C10,C10S,C11 and C12



C9/RT

1 021090900

## C9DA

tool bag with large opening

Main features:

- made from super durable technical fabric
- hard plastic base, water-resistant
- reinforced top handle for a safe hold
- dual side pocket with strap closure
- two side tool compartments with large openings, for quick access to and perfect visibility of contents
  - 22 tool pockets and additional compartment with zip closure on front side
  - 14 tool pockets and additional zipped compartment on rear side
- supplied complete with adjustable padded shoulder strap



C9DA

420x220x310 mm - 2,4 Kg

1 021090005

## C9MT

maintenance tool bag

- sturdy PVC cover, waterproof
- reinforcement seams around the entire perimeter
- double clip buckle closure
- double interior handle for a safe, balanced hold
- zipped document pocket



C9MT

450x180x200 mm - 1,4 Kg

1 021090200

## 2109MT ID/1

maintenance tool bag with assortment of 24 plumbing tools



2109MT ID/1  
(C9MT+5980ID/1)

1 021091026

- 111E 250 mm
- 332 Ø 3+28 mm
- 334 Ø 3+30 mm
- 342 Ø 0+42 mm
- 345SB2 140 mm
- 376 320-410 mm
- 1048N 175-250 mm
- 1128BMX 147 mm
- 1150GBM 180 mm
- 1201E 3x75-4x100-5,5x150-8x150 mm
- 1202E PH1x80-PH2x100
- 1370 500 g
- 1690F 2 m
- 1692/5 5 m
- 1696 200 mm
- 1719BMA...M 200 mm
- 1719BM/RL 200 mm
- 1725



## C9PT



C9PT

314

## C10 - 2110

technical fabric tool box

- Hard frame
- Double bottom. Bottom can be removed for increased bag capacity
- Tilting handle for easier access to tools
- Elastic tool bands and interior and exterior pockets
- Cover
- Tool tray included in double bottom



C10

2110VU/1  
(C10+5915VU/1)

2110VU/3  
(C10+5915VU/3)

2110VU/AS  
(C10+5915VU/AS)

520x220x250 mm - 3,3 Kg

1 021100000

1 021101031

1 021101034

1 021101036







## C10S - 2110S

technical fabric tool box

- Hard frame
- Double bottom. Bottom can be removed for increased bag capacity
- Tilting handle for easier access to tools
- Elastic tool bands and interior and exterior pockets
- Cover
- Tool tray included in double bottom



C10S	1	021100001
2110SVU/1 (C10S+5915VU/1)	1	021101041
2110SVU/3 (C10S+5915VU/3)	1	021101044

≡ 420x220x250 mm - 2,9 Kg

## C11 - 2111

technical fabric tool box



C11	1	021110000
2111VU/1 (C11+5915VU/1)	1	021111031
2111VU/3 (C11+5915VU/3)	1	021111034

≡ 410x230x250 mm - 1,8 Kg

## C12 - 2112

technical fabric tool bag

- Removable interior tool panel
- Elastic tool bands and capacious interior and exterior pockets
- Bag opens at front for easier access to tools at workplace
- Hard, waterproof base with rubber feet
- Can be used with trolley C8



C12	1	021120000
2112ET/A (C12+5980ET/A)	1	021121028
2112ET/B (C12+5980ET/B)	1	021121029
2112VU/5 (C12+5915VU/5)	1	021121056

≡ 500x270x350 mm - 5,3 Kg

## C13

tool trunk with castors,  
made of hard-wearing polypropylene

- Suitable for outdoor use
- Shockproof, resistant to chemical agents
- Can be padlocked (padlock not included)
- Double closure
- Two wheels for horizontal handling of tool trunk
- With interior tote tray which can be removed and locked in two positions inside
- Name plate



C13	1	021130000
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≡ 806x350x467 mm - 7,2 Kg



## C14

tool trolley, made of polypropylene, with 4 drawers

- Injection polypropylene frame for increased shock resistance.
- Lid-protected front accommodates 4 pull-out drawers (470x255):  
1 drawer 30 mm high  
2 drawers 60 mm high  
1 drawer 90 mm high
- Front centralized lock allows top and front lids to be closed simultaneously.
- Two side handles
- 4 sturdy rear castors
- Removable top tray
- Tool panel built into lid
- 3 tote-trays included
- Nameplate
- Can be closed with TSA lock



C14	1	021140000
2114VU/M (C14+5914VU/M)	1	021141011

≡ 585x390x457 mm - 14,5 Kg

## CP15 - 2115

tool box, made from plastic, removable  
tote-tray and tool trays

- 1 tool tray built into cover
- 2 removable tool trays with adjustable partitions
- 1 interior tote-tray with adjustable partitions



CP15	1	021150201
2115PVU/1 (CP15+5915VU/1)	1	021151232
2115PVU/2 (CP15+5915VU/2)	1	021151234

≡ 445x240x250 mm - 2 Kg



### CP15L - 2115

tool box, long series, made from plastic, removable tote-tray and tool trays

- 3 tool trays built into cover with adjustable partitions
- 1 interior tote-tray with adjustable partitions



CP15L	1	021150202
2115PL-VU/1 (CP15L+5915VU/1)	1	021151242
2115PL-VU/3 (CP15L+5915VU/3)	1	021151245

558x277x270 mm - 2,9 Kg

### 2115PI/BIKE-HOME

assortment of 28 tools for bike maintenance and E-bikes, in plastic box

Bicycle repairs



2115PI/BIKE-HOME	1	021150098
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- 96BP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 3935
- 3969K3
- 42 8-9-10-13-14 mm
- 42SLIM 15 mm
- 1082G 160 mm
- 1150G 180 mm
- 1201E 3x75 - 5,5x150 mm
- 1202E PH0x60 - PH2x100 mm
- 3991

BMESB1925NE 25 m

BMN1436 3,6 x 140 mm

558x277x270 mm - 4,3 kg

### 2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray



2115PL-MQ32	1	021150332
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920MQ/55A

89MQ 10-12 mm

850MQ 1/4"

861TX/A10 T7 - T8 - T9 - T10 - T15 - T20  
T25 - T27 - T30 - T40

920MQ/A 8-10-12-13-14-17-19 mm

920MQ/21 125mm

920MQ/22 250mm

1048MQ250 250mm

1150MQ 180mm

1164MQ160 160mm

1272MQ 4.5X80-6X100mm

1274MQ 3X100-4X100-5.5X125

1997MQ/GM Gr. 10

CP15L

### C16 - 2116

tool box, made of plastic, with interior object compartment, empty



C16	1	021160000
2116VU/1 (C16+5915VU/1)	1	021161102
2116VU/3 (C16+5915VU/3)	1	021161105

500x260x260 mm - 2,3 Kg



### CP17 - CP17L - 2117

tool box, made of stainless steel and plastic, removable tote-tray



CP17  
500x200x220 mm



CP17L  
575x245x265 mm

CP17	1	021170500
2117P-VU/1 (CP17+5915VU/1)	1	021171042
2117P-VU/3 (CP17+5915VU/3)	1	021171045
CP17L	1	021170502
2117L-VU/1 (CP17L+5915VU/1)	1	021171142
2117PL-VU/3 (CP17L+5915VU/3)	1	021171145

### C18 - 2118

tool box made from sheet metal



C18	1	021180001
2118VU/1 (C18+5915VU/1)	1	021181032

450x200x100 mm - 2,1 Kg

## C19 - 2119 - C19L - 2119L

three-section cantilever tool box,  
made from sheet metal



C19

450x200x160 mm



C19L

550x200x160 mm

C19	1	021190001
2119VU/3 (C19+5915VU/3)	1	021191025
C19L	1	021190002
2119L-VU/3 (C19L+5915VU/3)	1	021191125

## C20 - C20L - 2120

five-section cantilever tool box,  
made from sheet metal



C20

450x200x210 mm



C20L

550x200x210 mm

C20	1	021200001
2120VU/2 (C20+5915VU/2)	1	021201061
2120VU/3 (C20+5915VU/3)	1	021201063
2120VU/4 (C20+5915VU/4)	1	021201064
2120VU/AS (C20+5915VU/AS)	1	021201068
C20L	1	021200002
2120L-VU/2 (C20L+5915VU/2)	1	021201161
2120L-VU/3 (C20L+5915VU/3)	1	021201163
2120L-VU/4 (C20L+5915VU/4)	1	021201164
2120L-VU/AS (C20L+5915VU/AS)	1	021201168

## C20TSS

five-section cantilever tool box, made of AISI  
304 stainless steel



C20TSS	1	021203001
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450x200x210 mm - 4 Kg

## C22B

tool trunk,  
made of sheet metal



C22B O

720x320x310 mm



C22BM O

850x360x350 mm



C22BL O

1010x410x400 mm

C22B-O	1	022000150
C22BM-O	1	022000160
C22BL-O	1	022000170

C22B O: 720x320x310 mm - 13 Kg  
C22BM O: 850x360x350 mm - 20 Kg  
C22BL O: 1.010x410x400 mm - 26 Kg

## C22W

tool trunk,  
made from sheet metal,  
lined for enhanced tool protection



C22W-O

690x300x360 mm



C22WL-O

990x300x360 mm

C22W-O	1	022000269
C22WL-O	1	022000299

C22W O: 690x300x360 mm - 15 Kg  
C22WL O: 990x300x360 mm - 28 Kg

## C22P

tool trunk for building yards, made of sheet  
metal

- Built-in, retractable handles
- Raised shoes for forklift truck handling
- Double burglar-proof lock closure (not included)



C22PM O

915x540x430 mm



C22PL O

1220x720x615 mm

C22PM-O	1	022000240
C22PL-O	1	022000245

C22PM O: 915x540x430 mm - 39 Kg  
C22PL O: 1.220x720x615 mm - 67 Kg



**Combo is Beta's modular system** comprised of **3 different types of sturdy tool cases** for replacing your work equipment tidily and totally safely. The tool cases can be easily joined to each other by a **simple click**, through the functional side snap-on mechanism.

*The system, Beta Combo C99, is compatible with the L-BOXX standard by Sortimo®.*

 **C99**

BETA COMBO comprehensive modular system

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

System comprising:

- Ultracompact folding trolley with telescopic handle C99P (485x520x1095 mm)
- ABS tool case C99V1 (445x358x152 mm)
- ABS tool case C99V2 (445x358x254 mm)
- ABS tool case with 2 portable tote trays C99V3/2C (445x358x322 mm)



C99

 1  099000010

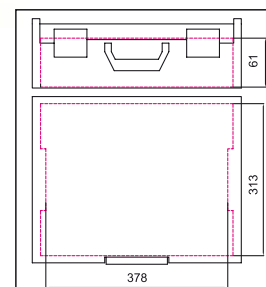
 **C99V0**

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 2.5 kg



C99V0

 1  099000202

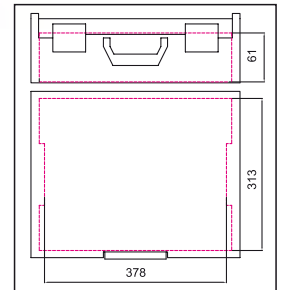
## C99V0-P12

COMBO ABS tool case, with transparent cover

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Transparent cover made from sturdy polycarbonate for quick identification of contents
- Particularly suitable for carrying smallwares, including screws, nuts, washers, rivets and dowels
- Supplied complete with kit of 18 tote trays:
  - 2 red trays, 52x52 mm
  - 3 yellow trays, 104x52 mm
  - 2 blue trays, 104x104 mm
  - 1 green tray, 104x156 mm
  - 2 orange trays, 208x52 mm
  - 2 grey trays, 312x71 mm, and 6 adjustable partitions
- Outer dimensions: 445x358x118 mm
- Max. interior carrying capacity: 25 kg
- Can be padlocked
- Weight: 3.2 kg



C99V0-P12



1 099000200

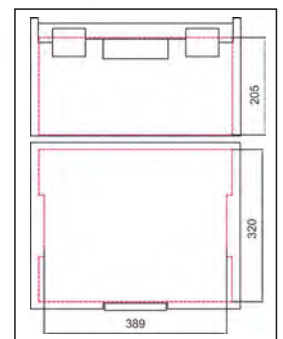
## C99V2

COMBO ABS tool case

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x254 mm
- Max. interior carrying capacity: 25 kg
- Weight: 2.8 kg



C99V2



1 099000350

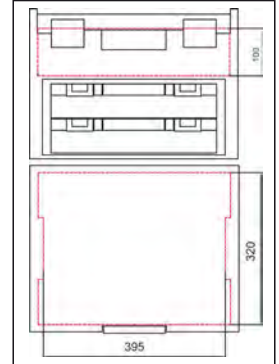
## C99V3/2C

COMBO ABS tool case with 2 portable tote trays

The tool cases can be easily joined to each other by a simple click, through the functional side snap-on mechanism.

Main features:

- Outer dimensions: 445x358x322 mm
- Max. interior carrying capacity: 25 kg
- Supplied with 2 tote trays C99C-V3, empty
- Weight: 5.6 kg



C99V3/2C

1 099000450

## C99P

COMBO folding tool trolley

Main features:

- Ultracompact folding tool trolley
- Telescopic handle
- Dimensions when open: 485x520x1095 mm
- Dimensions when closed: 485x80x810 mm
- Dimensions of folding base: 485x350 mm
- Two puncture proof wheels, Ø 175



C99P

1 099000101

## C99PP

tool panel for COMBO cases

- With 6 pockets and 11 elastic tool bands
- Supplied complete with hooks for fixing panel into case cover



C99PP

1 099000489



## RSC22

portable tool chest  
with 3 drawers

**Main features:**

- 3 drawers (588x277 mm)
- with ball bearing slides:
- 1 drawer, 50 mm high
- 2 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

19 kg



RSC22-O



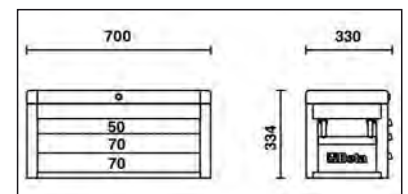
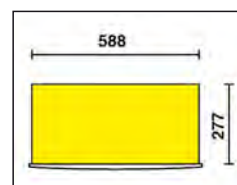
RSC22-A



RSC22-R



h	max
50 mm	25 kg
70 mm	25 kg



Model	RAL Color	Qty	Part No.
RSC22-O	RAL 2011	1	022003001
RSC22-R	RAL 3000	1	022003003
RSC22-A	RAL 7016	1	022003007

## RSC23

portable tool chest  
with 5 drawers

### Main features:

- 5 drawers (588x277 mm)  
with ball bearing slides:
- 2 drawers, 50 mm high
- 3 drawers, 70 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 26 kg



RSC23-A



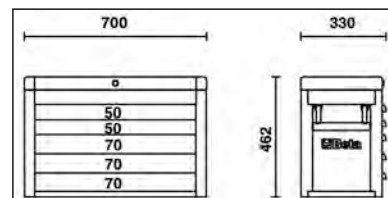
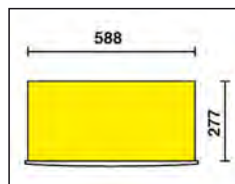
RSC23-R



RSC23-O



h	max
50 mm	25 kg
70 mm	25 kg



RSC23-O	RAL 2011	1	023003001
RSC23-R	RAL 3000	1	023003003
RSC23-A	RAL 7016	1	023003007

## CD23S

Caddy trolley

### Main features:

- ABS-coated worktop designed to match tool chests C22S, C23S, C23SC, C23ST
- Removable handle, can be stored underneath chassis.
- Four castors, Ø 100 mm: 2 fixed and 2 steering (one with brake).
- Maximum load capacity: 250 kg.

📦 14 kg



CD23S	1	023000610
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## RSC23C

portable tool chest  
with 8 drawers

### Main features:

- 8 drawers (588x277 mm) with ball bearing slides:
- 4 drawers, 50 mm high
- 3 drawers, 70 mm high
- 1 drawer, 100 mm high.
- Front centralized lock.
- Retractable side handles for ease of handling.

📦 28 kg



RSC23C-A



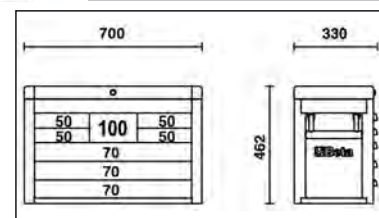
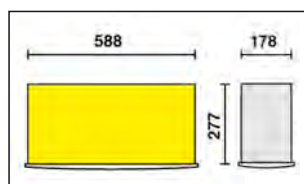
RSC23C-R



RSC23C-O



h	max
50 mm	25 kg
70 mm	25 kg



RSC23C-O	RAL 2011	1	023003011
RSC23C-R	RAL 3000	1	023003013
RSC23C-A	RAL 7016	1	023003017



## RSC23T

portable tool chest  
with 5 drawers

### Main features:

- 5 drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high.
- Front centralized lock.
- Can be fitted with kit of 4 castors and 1 handle (2300ST/KIT)

36 kg



RSC23T-A



RSC23T-B



RSC23T-G



RSC23T-N



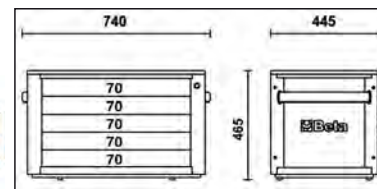
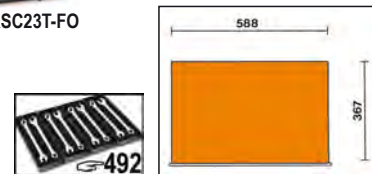
RSC23T-R



RSC23T-O



RSC23T-FO



RSC23T-FO	RAL 2011	1	023003020
RSC23T-O	RAL 2011	1	023003021
RSC23T-G	RAL 9006	1	023003022
RSC23T-R	RAL 3000	1	023003023
RSC23T-B	RAL 5015	1	023003026
RSC23T-A	RAL 7016	1	023003027
RSC23T-N	RAL 9005	1	023003029

## 2300ST/KIT

kit with 4 castors and 1 handle for C23ST

- Four castors, Ø 125 mm:
- 2 fixed and 2 steering (one with brake).
- Telescopic handle

6,5 kg

2300ST/KIT	1	023000950
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# Beta





# MOBILE ROLLER CAB RSC24

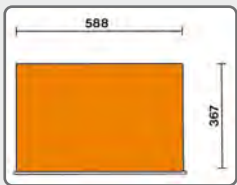
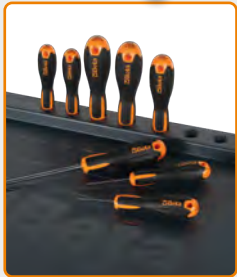
# Beta RSC24

## NEW WORKTOP FIRMER AND STURDIER MORE CONVENIENT AND FUNCTIONAL MORE MODERN

- Drawers with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- New ABS reinforced worktop, designed to support tool chests RSC22, RSC23, RSC23C and RSC23T
- Multi-purpose top with anti-fall edges and eight holes for accommodating screwdrivers
- Front centralized safety lock
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 800 kg

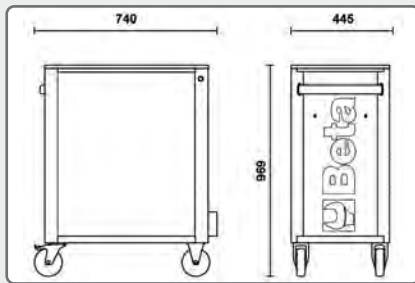


800 kg



### Available colours:

FO	RAL 2011	RAL 2011
O	RAL 7016	RAL 2011
G	RAL 7016	RAL 9006
R	RAL 7016	RAL 3000
B	RAL 7016	RAL 5015
A	RAL 7016	RAL 7016
N	RAL 9005	RAL 9005



### Available models:

- RSC24/5 (5 drawers)
- RSC24/6 (6 drawers)
- RSC24/7 (7 drawers)
- RSC24/8 (8 drawers)



### Available accessories:

2400 RSC24/PD-A  
2400 RSC24/PD-N



2400 RSC24/PL



2400 RSC24/SPC



2400 RSC24/PF-A  
2400 RSC24/PF-N



2400 RSC24/PF



2400 RSC24/AXLP/VL



2400 RSC24/MP



2400 RSC24/PC-A  
2400 RSC24/PC-N

## RSC24/7

mobile roller cab with 7 drawers

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:

- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg

RSC24/7-FO	1	024004070
RSC24/7-O	1	024004071
RSC24/7-G	1	024004072
RSC24/7-R	1	024004073
RSC24/7-B	1	024004076
RSC24/7-A	1	024004077
RSC24/7-N	1	024004079



RSC24/7-O

# Beta RSC24



RSC24/7-FO



RSC24/7-A



RSC24/7-B



RSC24/7-G



RSC24/7-N



RSC24/7-R



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## RSC24/5

mobile roller cab with 5 drawers

Main features:

- 5 fully removable drawers (588x367 mm), with ball bearing slides:
- 2 drawers, 70 mm high
- 2 drawers, 140 mm high
- 1 drawer, 280 mm high

60 kg

		
RSC24/5-FO	1	024004050
RSC24/5-O	1	024004051
RSC24/5-G	1	024004052
RSC24/5-R	1	024004053
RSC24/5-B	1	024004056
RSC24/5-A	1	024004057
RSC24/5-N	1	024004059



RSC24/5-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



## RSC24/6

mobile roller cab with 6 drawers

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

62 kg

		
RSC24/6-FO	1	024004060
RSC24/6-O	1	024004061
RSC24/6-G	1	024004062
RSC24/6-R	1	024004063
RSC24/6-B	1	024004066
RSC24/6-A	1	024004067
RSC24/6-N	1	024004069



RSC24/6-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



## RSC24/8

mobile roller cab with 8 drawers

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

66 kg

		
RSC24/8-FO	1	024004080
RSC24/8-O	1	024004081
RSC24/8-G	1	024004082
RSC24/8-R	1	024004083
RSC24/8-B	1	024004086
RSC24/8-A	1	024004087
RSC24/8-N	1	024004089



RSC24/8-O

Beta RSC24



h	max
70 mm	25 kg
140 mm	30 kg

## RSC24A/6

mobile roller cab with 6 drawers,  
with anti-tilt system

Main features:

- 6 fully removable drawers (588x367 mm), with ball bearing slides:
- 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

62 kg

RSC24A/6-O	1	024004161
RSC24A/6-R	1	024004163
RSC24A/6-A	1	024004167



Beta RSC24



RSC24A/6-A



RSC24A/6-R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

## RSC24A/7

mobile roller cab with 7 drawers,  
with anti-tilt system

Main features:

- 7 fully removable drawers (588x367 mm), with ball bearing slides:
- 5 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 210 mm high

63 kg

RSC24A/7-O	1	024004171
RSC24A/7-R	1	024004173
RSC24A/7-A	1	024004177



Beta RSC24



RSC24A/7-A



RSC24A/7-R



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

## RSC24A/8

mobile roller cab with 8 drawers,  
with anti-tilt system

Main features:

- 8 fully removable drawers (588x367 mm), with ball bearing slides:
- 6 drawers, 70 mm high
- 2 drawers, 140 mm high

66 kg

RSC24A/8-O	1	024004181
RSC24A/8-R	1	024004183
RSC24A/8-A	1	024004187



Beta RSC24



RSC24A/8-A



RSC24A/8-R



h	max
70 mm	25 kg
140 mm	30 kg

# MOBILE ROLLER CAB RSC24AXL



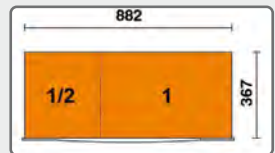
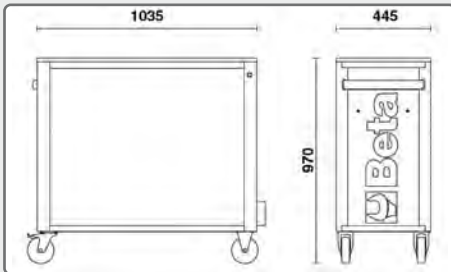
## LONG VERSION:

each drawer can accommodate up to 6 EVA foam or ABS thermoformed trays



**ANTI-TILT SYSTEM: PREVENTS SEVERAL DRAWERS FROM BEING SIMULTANEOUSLY OPENED**

- Drawers with ball bearing slides
- New ABS reinforced worktop with anti-fall edges, eight holes for accommodating screwdrivers and 6 tote trays.
- Sturdy nylon front, with built-in label holder
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Drawer bases protected by foamed rubber mats
- Integrated side bottle holder
- Front centralized safety lock



**Available colours:**

O RAL 7016	RAL 2011
R RAL 7016	RAL 3000
A RAL 7016	RAL 7016

**Available accessories:**



## RSC24AXL/7

mobile roller cab with 7 drawers, with anti-tilt system, long model

Main features:

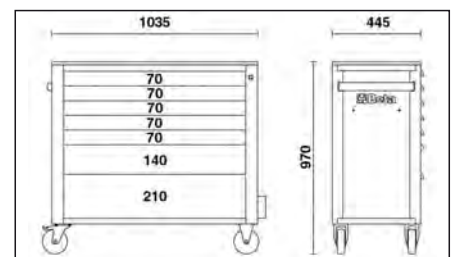
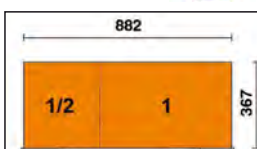
- 7 fully removable drawers (882x367 mm), with ball bearing slides:
  - 5 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 210 mm high



h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



84 kg



RSC24AXL/7-O	1	024004271
RSC24AXL/7-R	1	024004273
RSC24AXL/7-A	1	024004277

## RSC24AXL/8

mobile roller cab with 8 drawers,  
with anti-tilt system,  
long model

Main features:

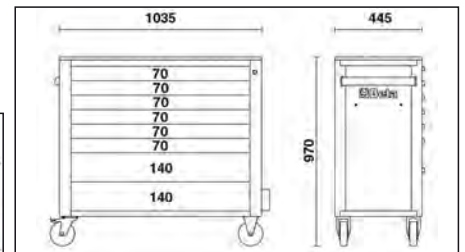
- 8 fully removable drawers (882x367 mm), with ball bearing slides:  
6 drawers, 70 mm high.  
2 drawers, 140 mm high.

88 kg

RSC24AXL/8-O	1	024004281
RSC24AXL/8-R	1	024004283
RSC24AXL/8-A	1	024004287



h	max
70 mm	30 kg
140 mm	35 kg



## RSC24AXL/9

mobile roller cab with 9 drawers,  
with anti-tilt system,  
long model

Main features:

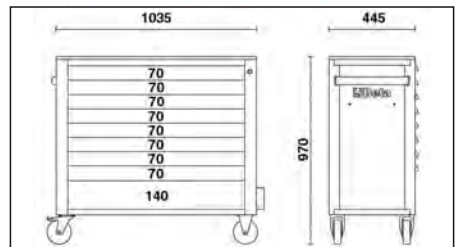
- 9 fully removable drawers (882x367 mm), with ball bearing slides:  
8 drawers, 70 mm high  
1 drawer, 140 mm high.

90 kg

RSC24AXL/9-O	1	024004291
RSC24AXL/9-R	1	024004293
RSC24AXL/9-A	1	024004297



h	max
70 mm	30 kg
140 mm	35 kg



## RSC24AXLP/7

mobile roller cab with 7 drawers, with wood worktop and anti-tilt system, long model

Main features:

- 7 fully removable drawers (882x367 mm), with ball bearing slides:
  - 5 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 210 mm high
- Multi-ply wood worktop with holes for a vice 1599F/100 or 1599GI/100 (to be ordered separately)
- Sturdy nylon front, with built-in label holder
- Drawer bases protected by foamed rubber mats
- 4 castors, Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Front centralized safety lock
- Static load capacity: 1.100 kg
- Built-in side bottle holder (can be applied on both sides)
- Built-in paper roll holder
- Each drawer can accommodate up to 6 EVA foam or ABS thermoformed trays

1100 kg

Beta RSC24



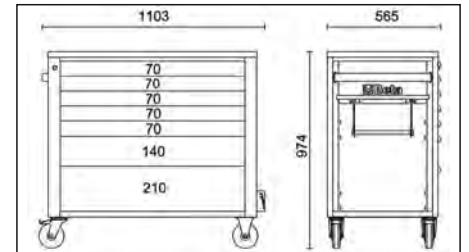
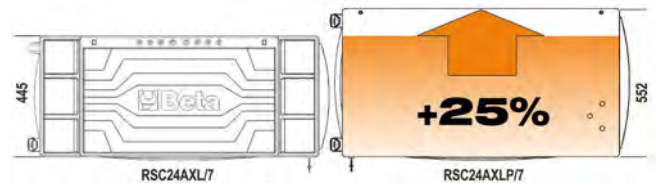
RSC24AXLP/7-O

RSC24AXLP/7-A

RSC24AXLP/7-R

105 kg

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



RSC24AXLP/7-O	1	024004571
RSC24AXLP/7-R	1	024004573
RSC24AXLP/7-A	1	024004577

## 2400 RSC24AXLP/PF

perforated tool panel with supports, for roller cab RSC24AXLP/7, RSC24L, RSC24L-CAB

50-hook GPS kit included

4,5 kg

2400 RSC24AXLP/PF	1	024004992
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430  
2  
945

Beta

## RSC24AXXL

mobile roller cab with 8 drawers and anti-tilt system, long model

Main features:

- 1 fully removable drawer (1,176x367 mm), with ball bearing slides
- 7 fully removable drawers (882x367 mm), with ball bearing slides:
  - 6 drawers 70 mm high
  - 1 drawer 140 mm high
- Worktop made from stainless steel coated MDF, with holes for vice item 1599F/125 or 1599G/125 (to be ordered separately) and 6 tote trays
- Sturdy nylon fronts, with built-in label holders
- Drawer bases protected by foamed rubber mats
- Removable side compartment, with ball bearing slides, with shelf and lock
- 4 castors, Ø 150 mm: 2 fixed and 2 steering with brakes
- 3 safety locks
- Built-in paper roll holder
- Built-in bottle holder
- Static load capacity: 1,100 kg

• Following trays can be added:

- up to 8 EVA foam or ABS thermoformed trays in drawer 1,176x367 mm
- up to 6 EVA foam or ABS thermoformed trays in drawer 882x367 mm

1100 kg

Beta RSC24



RSC24AXXL/O



h	max
70 mm (1.176x367 mm)	40 kg
70 mm (882x367 mm)	30 kg
140 mm (882x367 mm)	35 kg

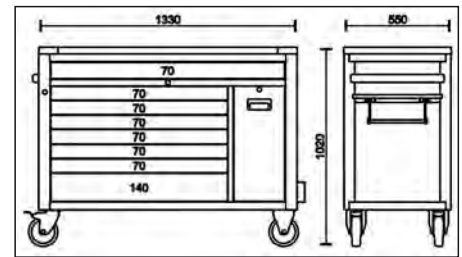
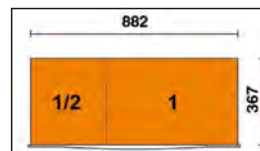
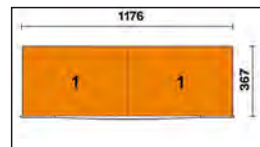


RSC24AXXL/R



RSC24AXXL/A

131 kg



RSC24AXXL-O	1	024004781
RSC24AXXL-R	1	024004783
RSC24AXXL-A	1	024004787

## 2400 RSC24AXXL/PF

perforated tool panel with supports, for mobile roller cab RSC24AXXL

3,8 kg



2400 RSC24AXXL/PF	1	024004998
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## 2400 RSC24AXLP/CPR

waste bin for roller cab RSC24AXLP/7, RSC24AXXL

5 kg



2400 RSC24AXLP/CPR	1	024004993
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## 2400 RSC24AXLP/VL

side tool tray for roller cab RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

4 kg

2400 RSC24AXLP/VL

1 024004995



## 2400 RSC24/PC

paper roll holder for mobile roller cab RSC24, RSC24A, RSC24AXL, RSC51

0,3 kg

2400 RSC24/PC-A  
2400 RSC24/PC-N

1 024004903  
1 024004904



RAL7016 2400 RSC24/PC-A  
RAL9005 2400 RSC24/PC-N



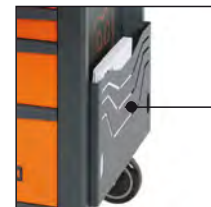
## 2400 RSC24/PD

document holder for mobile roller cab RSC24, RSC24A, RSC24AXL

1,2 kg

2400 RSC24/PD-A  
2400 RSC24/PD-N

1 024004907  
1 024004908



RAL7016 2400 RSC24/PD-A  
RAL9005 2400 RSC24/PD-N



## 2400 RSC24/PF

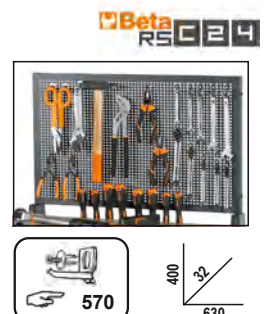
perforated tool panel with supports, for roller cab RSC24, RSC24A, RSC51

50-hook GPS kit included

2,3 kg

2400 RSC24/PF

1 024004902



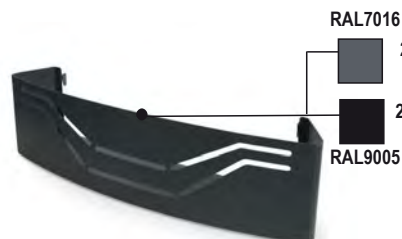
## 2400 RSC24/PF-

bottle holder for mobile roller cab RSC24, RSC24A, RSC24AXL

0,5 kg

2400 RSC24/PF-A  
2400 RSC24/PF-N

1 024004905  
1 024004906



RAL7016 2400S RSC24/PF-A  
RAL9005 2400S RSC24/PF-N



## 2400 RSC24/PL

wood worktop for roller cab RSC24, RSC24A, RSC24AXL, RSC51

4,3 kg

2400 RSC24/PL

1 024004901



## 2400 RSC24/SPC

computer bracket for mobile roller cab RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- With removable drawer
- Cannot be used with model RSC24AXL

3,1 kg

2400 RSC24/SPC

1 024004909



## 2400 RSC24/MP

folding shelf for items RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

3,4 kg

2400 RSC24/MP

1 024004900



## 2499PF

bottle holder

- Can match roller cabs C38, C38A

2,5 kg

2499PF-O

1 024990210

2499PF-G

1 024990219

2499PF-R

1 024990230

2499PF O

2499PF G

2499PF R



## 2499PF/M

universal magnetic bottle holder

2,2 kg

2499PF/M

1 024990050



## 2499PC

paper roll holder

- Matches Tank trolleys C25.

2,2 kg

2499PC

1 024990090



## RSC24L/7

mobile roller cab  
with 7 drawers  
and side shelves

Main features:

- 7 drawers (588x367 mm)  
with ball bearing slides:  
5 drawers, 70 mm high  
1 drawer, 140 mm high  
1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:  
2 fixed and 2 steering with brakes.
- Front centralized lock.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes  
for a vice  
(1599F/100 - 1599GI/100, to be ordered separately).
- Side compartment with vertically adjustable shelf.
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder

80 kg

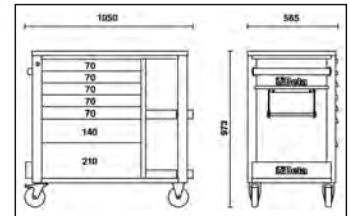
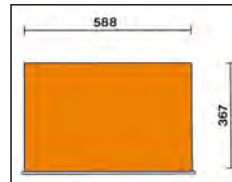
RSC24L/7-O	RAL 2011	1	024004371
RSC24L/7-R	RAL 3000	1	024004373
RSC24L/7-A	RAL 7016	1	024004377

Beta RSC24

1100 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## RSC24L-CAB

mobile roller cab  
with 7 drawers  
and tool cabinet

Main features:

- 7 drawers (588x367 mm)  
with ball bearing slides:  
5 drawers, 70 mm high  
1 drawer, 140 mm high  
1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 castors, Ø 125 mm:  
2 fixed and 2 steering with brakes.
- Front centralized lock.
- Side tool cabinet with lockable door and vertically adjustable interior shelf.
- Static load capacity: 1,100 kg.
- Multi-ply wood worktop with holes  
for a vice  
(1599F/100, to be ordered separately).
- Built-in paper roll holder.
- Double rear bottle holder.
- Built-in side bottle holder

82 kg

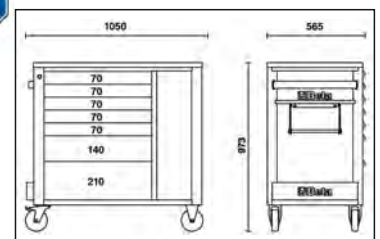
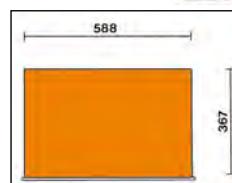
RSC24L-CAB/O	RAL 2011	1	024004471
RSC24L-CAB/R	RAL 3000	1	024004473
RSC24L-CAB/A	RAL 7016	1	024004477

Beta RSC24

1100 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## C04TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel, Non-marking wheels

Main features:

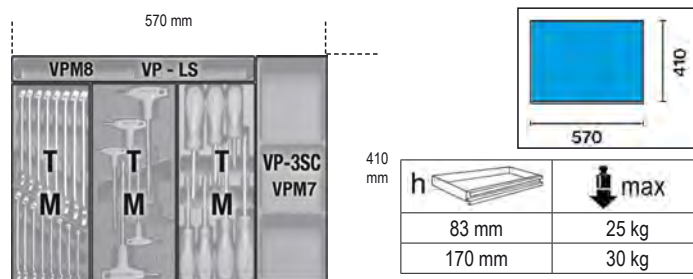
- Seven drawers (570 x 410 mm) with ball bearing slides;
- 6 drawers, 83 mm high;
- 1 drawer, 170 mm high;
- 4 castors Ø 125 mm
- 2 fixed and 2 steering (two with brakes);
- Front centralized lock;
- Frame made entirely of stainless steel AISI 304
- Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
- Drawer handles made of aluminium



700 kg



63 kg



C04TSS/7

1 024003077 296

## C25

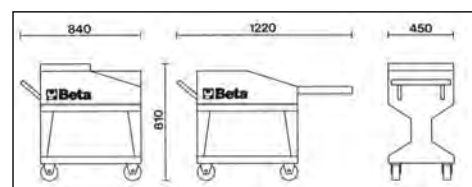
Tank trolley with shelf

Main features:

- Foldaway lid.
- 1 sliding drawer.
- Tool tray protected by foamed rubber mats.
- Shelves protected by oil and fuel proof mats.
- Four castors 100 mm in Ø:
- 2 fixed and 2 swivelling (one with brake).
- Safety lock.
- One more shelf M4 can be added on the opposite side.
- Empty thermoformed tray for 1/2" sockets and accessories (024990104).
- Paper roll holder item 2499PC can also be included



31,5 kg



C25

1 025000001

# C27S

folding tool trolley for outdoor jobs

Folding tool trolley. Its unique patented design guarantees an effortless transport.

**Features:**

- 2 drawers, 588x277 mm, with ball bearing slides, for two-way opening
- Large lower object compartment, 588x277x220 mm
- Sheet metal frame
- 2 fixed castors, Ø 160 mm, and 2 steering castors with brake, Ø 100 mm
- Thermoplastic worktop with 6 built-in tool trays
- Centralized lock
- Can accommodate drawer partitions and MC foam tool trays

20 kg



C27S-O



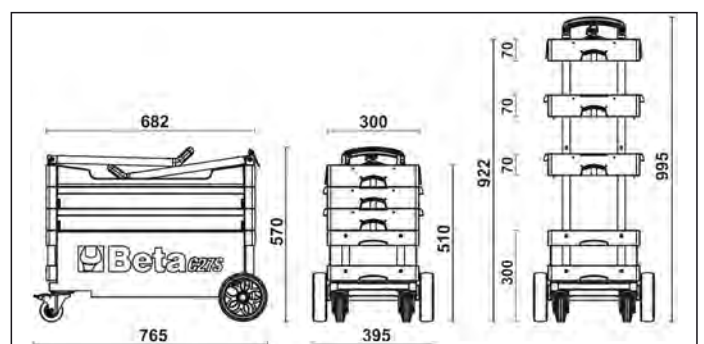
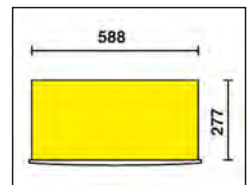
C27S-G



C27S-R



h	max
70 mm	20 kg



C27S-O	RAL 2011	1	027000201
C27S-G	RAL 7016	1	027000202
C27S-R	RAL 3000	1	027000203

## RSC28

SuperTank trolley with wood worktop and 10 drawers

Main features:

- 10 drawers (588x367 mm) with ball bearing slides.
- Quick, safe system for opening and closing drawers, with nylon and fibreglass front.
- 5 side drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high.
- 5 front drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high.
- Drawer bases protected by foamed rubber mats.
- 4 high-capacity castors, Ø 150 mm:
- 2 fixed and 2 steering with brakes.
- 2 centralized safety locks.
- 3 front tool drawers.
- Multi-ply wood worktop with holes for a vice (1599F/150 - 1599GI/150, to be ordered separately).
- Built-in tool compartment.
- Side compartment with foldaway door with lock.
- Built-in bottle holders.
- 135-mm-high storage compartment with plastic-covered base.
- Static load capacity: 1,200 kg.

 **1200 kg**



RSC28-O

 **130 kg**



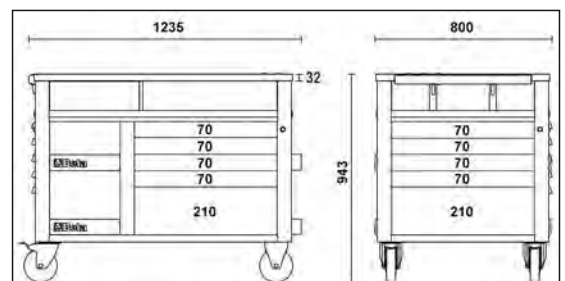
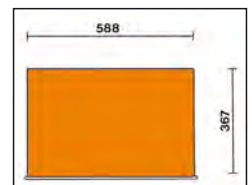
RSC28-A



RSC28-R



h	max
70 mm	25 kg
210 mm	30 kg



RSC28-O	RAL 2011	1	028003001
RSC28-R	RAL 3000	1	028003003
RSC28-A	RAL 7016	1	028003007

## C30M

### MaxiTank mobile workbench

#### Main features:

- 5 front drawers with ball bearing slides:
  - 3 drawers (367x610 mm), 90 mm high
  - 1 drawer (588x610 mm), 90 mm high
  - 1 drawer (588x610 mm), 180 mm high.
- Quick opening system with aluminium front.
- Drawer bases protected by foamed rubber mats.
- Can be fitted with thermoformed trays.
- One hydraulic jack, designed to lift front part effortlessly, thus allowing easy transportation.
- 4 high-capacity castors:
  - 2 steering, front, Ø 150 mm
  - 2 fixed, rear, Ø 170 mm.
- Oil-proof, rubber-coated worktop, 1300x800 mm, with drain hole for fluid collection in a small tank.
- Storage compartment, 720x250x1300 mm, with PVC-coated worktop and front sliding panels.
- Centralized lock for drawers and panels.
- 3 built-in side bottle holders.
- Built-in paper roll holder
- Static load capacity: 1,800 kg.
- Can accommodate a multi-ply wood worktop (3000M/PLM), to be ordered separately
- Can accommodate vice 1599F/150 or 1599GI/150(to be ordered separately).

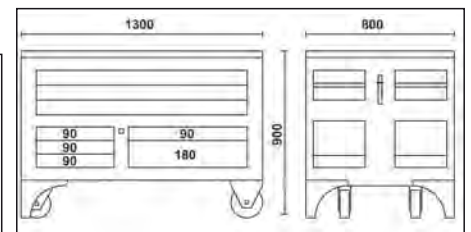
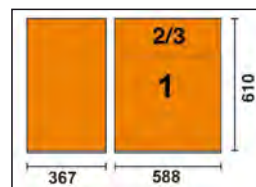
1800 kg



200 kg



h	max
90 mm	30 kg
180 mm	35 kg



C30M

1 030000300

## 3000M/PLM

wood worktop for C30M,  
with holes for a vice (1599F/150 - 1599GI/150)



1240x740x26 mm

10 kg

3000M/PLM

1 030000350



# INDUSTRIAL TOOL CHEST C35



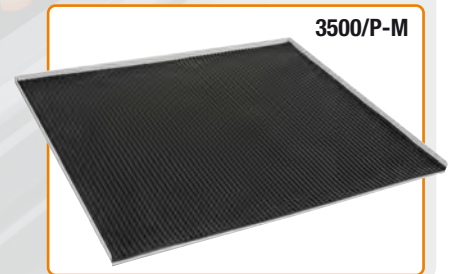
## FUNCTIONAL AND STURDY

- Pull-out drawers
- Front centralized safety lock
- Can accommodate a worktop and drawer partitions, to be ordered separately
- Static load capacity: 1200 kg

### Available models:

- C35/6GM (6 drawers)
- C35/7GM (7 drawers)
- C35/8GM (8 drawers)
- C35/9GM (9 drawers)

### Available accessories:



## C35/6GM

industrial tool chest with 6 drawers

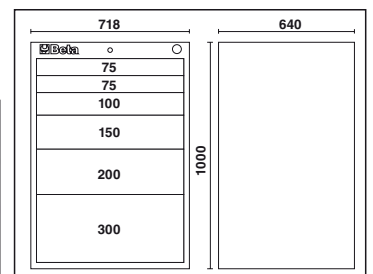
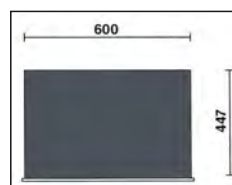
### Main features:

- 6 pull-out drawers (600x447 mm):
  - 2 drawers, 75 mm high
  - 1 drawer, 100 mm high
  - 1 drawer, 150 mm high
  - 1 drawer, 200 mm high
  - 1 drawer, 300 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately



h	max
75 mm	70 kg
100 mm	70 kg
150 mm	70 kg
200 mm	70 kg
300 mm	70 kg

75 kg



C35/6GM

1 035000162



## C35/76M

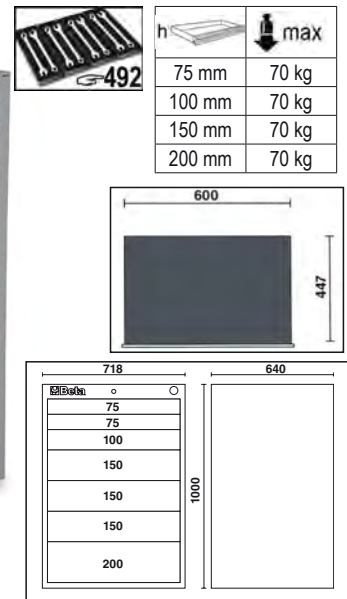
industrial tool chest with 7 drawers

### Main features:

- 7 pull-out drawers (600x447 mm):
  - 2 drawers, 75 mm high
  - 1 drawer, 100 mm high
  - 3 drawers, 150 mm high
  - 1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

82 kg

C35/76M



## C35/86M

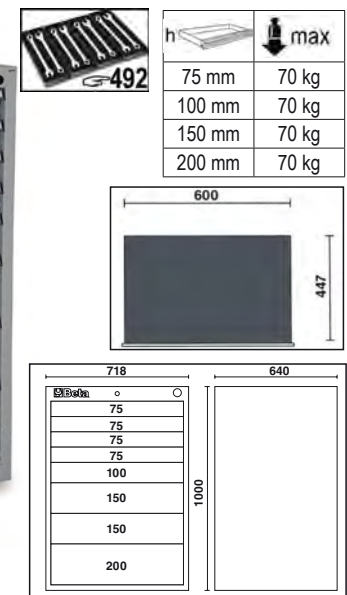
industrial tool chest with 8 drawers

### Main features:

- 8 pull-out drawers (600x447 mm):
  - 4 drawers, 75 mm high
  - 1 drawer, 100 mm high
  - 2 drawers, 150 mm high
  - 1 drawer, 200 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

86 kg

C35/86M



## C35/96M

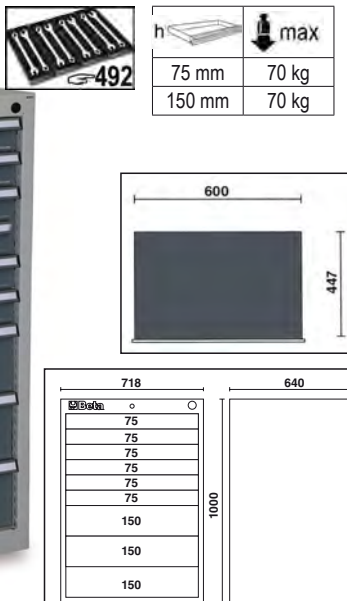
industrial tool chest with 9 drawers

### Main features:

- 9 pull-out drawers (600x447 mm):
  - 6 drawers, 75 mm high
  - 3 drawers, 150 mm high
- Front centralized safety lock.
- Can accommodate a worktop and drawer partitions, to be ordered separately

91 kg

C35/96M

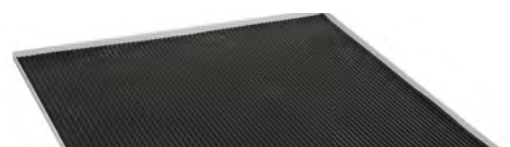


## 3500/P-M

worktop with perimeter edge for tool chest C35

3500/P-M

700x600 mm





# MOBILE ROLLER CAB C37

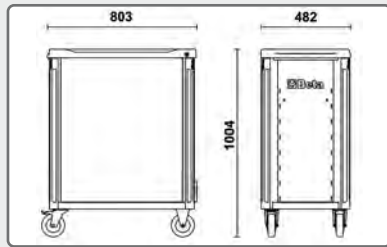
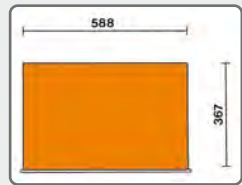
## SOFT BUMPERS

- Drawers with ball bearing slides
- Sturdy multi-purpose worktop
- Quick release system made of aluminium, opening throughout length of drawer
- Tote-trays and holes for accommodating screwdrivers
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1000 kg
- Corner bumpers throughout height of roller cab, to avoid damaging vehicles in garage
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Built-in side bottle and paper holders, adjustable in several positions

### Available models:

- C37/6 (6 drawers)
- C37/7 (7 drawers)

- C37/8 (8 drawers)
- C37A/7 (7 drawers with anti-tilt system)

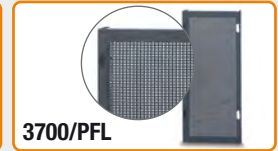


### Available colours:

O	RAL 2011
G	RAL 7016
R	RAL 3000



### Available accessories:



## C37/7

mobile roller cab with 7 drawers

Main features:

- 7 drawers (588x367 mm) with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg



C37/7-O



C37/7-G



C37/7-R



C37/7-O	1	037000071
C37/7-G	1	037000072
C37/7-R	1	037000073

h		↓ max
75 mm		30 kg
150 mm		35 kg
225 mm		35 kg

## C37/6

mobile roller cab  
with 6 drawers

Main features:

- 6 drawers (588x367 mm) with ball bearing slides:
- 4 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 305 mm high

69 kg

		
C37/6-O	1	037000061
C37/6-G	1	037000062
C37/6-R	1	037000063

1000 kg



C37/6-G



C37/6-R



h	max
75 mm	30 kg
150 mm	35 kg
305 mm	40 kg



## C37/8

mobile roller cab  
with 8 drawers

Main features:

- 8 drawers (588x367 mm) with ball bearing slides:
- 6 drawers 75 mm high
- 2 drawers 150 mm high

73 kg

		
C37/8-O	1	037000081
C37/8-G	1	037000082
C37/8-R	1	037000083

1000 kg



C37/8-G



C37/8-R



h	max
75 mm	30 kg
150 mm	35 kg




## C37A/7

mobile roller cab  
with 7 drawers, with anti-tilt system

Main features:

- 7 drawers (588x367 mm), with ball bearing slides:
- 5 drawers 75 mm high
- 1 drawer 150 mm high
- 1 drawer 225 mm high

71 kg

		
C37A/7-O	1	037000271
C37A/7-G	1	037000272
C37A/7-R	1	037000273

1000 kg



C37A/7-G



C37A/7-R



h	max
75 mm	30 kg
150 mm	35 kg
225 mm	35 kg



### 3700/PLA

stainless steel worktop for mobile roller cab item C37, C37A

2,8 kg

3700/PLA 1 037000100



672x396x1,5 mm

### 3700/PLL

wood worktop for tool trolley C37, C37A

Can accommodate a vice (1599P/100, to be ordered separately)

3,9 kg

3700/PLL 1 037000101



672x396x28 mm

### 3700/PF

perforated panel with brackets for mobile roller cab item C37, C37A

50-hook GPS kit included

3,2 kg

3700/PF 1 037000102



626  
650



### 3700/PFL

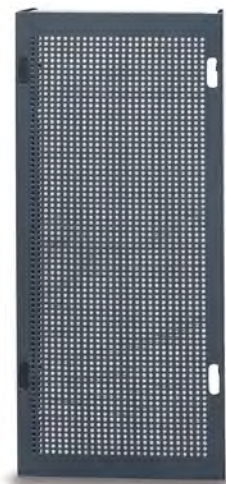
perforated side panel for mobile roller cab item C37, C37A

1,9 kg

3700/PFL 1 037000104



754  
321



### 3700/PC

computer bracket for mobile roller cab item C37, C37A

3,1 kg

3700/PC 1 037000103

303  
418



# MOBILE ROLLER CAB C39

## UPRIGHTS AND DRAWER FRONT MADE OF ALUMINIUM ALLOY

- + **STURDINESS**
- + **LIGHTWEIGHTNESS**

- Drawers with ball bearing slides
- Thermoplastic worktop, designed to support portable tool chest C39T
- Quick release system made of aluminium, opening throughout length of drawer
- Four castors Ø 125 mm: 2 fixed and 2 steering (one with brake)
- Static load capacity: 1200 kg
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Tote-trays and holes for accommodating screwdrivers
- Integrated side and rear bottle holders
- Integrated paper roll holder



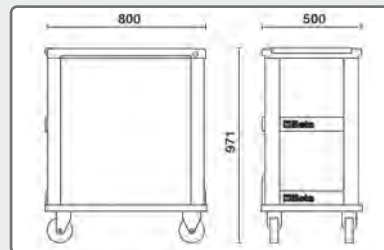
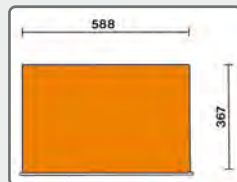
### Available colours:



O	RAL 2011
G	RAL 7016
R	RAL 3000

### Available models:

- C39/6 (6 drawers)
- C39/7 (7 drawers)
- C39/8 (8 drawers)



## C39/7

roller cab  
with seven drawers

### Main features:

- Seven drawers (588x367 mm) with ball bearing slides:
  - 5 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 210 mm high.

61 kg

1200 kg



C39-7/G



C39-7/R

C39-7/O

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg



Model	Qty	Part No.
C39-7/O	1	039000001
C39-7/G	1	039000002
C39-7/R	1	039000003

## C39/6

mobile roller cab with six drawers

Main features:

- Six drawers (588x367 mm) with ball bearing slides: 4 drawers, 70 mm high
- 1 drawer, 140 mm high
- 1 drawer, 280 mm high

59 kg

C39-6/O	1	039000031
C39-6/G	1	039000032
C39-6/R	1	039000033



h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg



## C39/8

mobile roller cab with eight drawers

Main features:

- Eight drawers (588x367 mm) with ball bearing slides: 6 drawers, 70 mm high
- 2 drawers, 140 mm high

64 kg

C39-8/O	1	039000041
C39-8/G	1	039000042
C39-8/R	1	039000043



h	max
70 mm	30 kg
140 mm	35 kg



## C39T

portable tool chest with four drawers

Main features:

- Four drawers (588x367 mm) with ball bearing slides: 4 drawers, 70 mm high
- Front centralized safety lock.
- Uprights and drawer front made of aluminium.

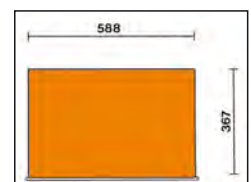
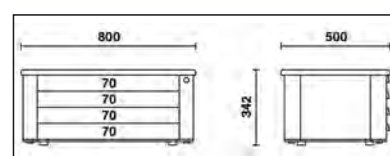
29 kg

C39T-O	1	039000101
C39T-G	1	039000102
C39T-R	1	039000103



29 kg

h	max
70 mm	30 kg



## 2400-COVER RSC24

nylon cover for mobile roller cabs RSC24 - C39



2400-COVER RSC24

1 024000910

## 2400-COVER RSC24AXL

nylon cover for mobile roller cabs RSC24AXL, RSC24L, RSC24L-CAB



2400-COVER RSC24AXL

1 024000930

**Beta**

## C39SM

special mobile roller cab, Racing SM type

### Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

### 7-drawer module

- 588x367 mm, with ball bearing slides:
- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

### Service module

- Integrated wastepaper basket
- Paper roll compartment
- 1 large drawer (420x305x270 mm)

1200 kg



C39SM-G



C39SM-R



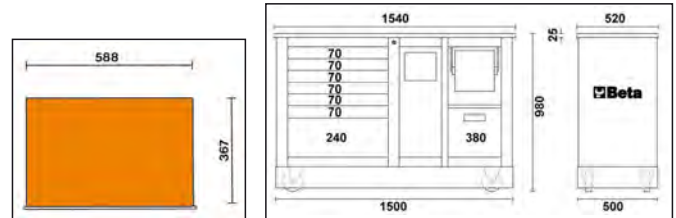
C39SM-O



h	max
70 mm	30 kg
240 mm	40 kg

125 kg

Model	RAL	Qty	Code
C39SM-O	RAL 2011	1	039390001
C39SM-G	RAL 7016	1	039390002
C39SM-R	RAL 3000	1	039390003



## C39MD

special mobile roller cab, Racing MD type

### Specifications

- Multi-ply wood worktop
- 4 castors, Ø 125 mm
- 2 fixed and 2 steering (one with brake), with exposed covering
- Static load capacity: 1200 kg

### 7-drawer module

- 588x367 mm, with ball bearing slides:
- 6 drawers, 70 mm high
- 1 drawer, 240 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized safety lock
- Opening system throughout length of drawer
- Drawer front made of aluminium

### 2-drawer module

- 588x367x270 mm and 588x367x380 mm, with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Opening system throughout length of drawers
- Drawer front made of aluminium

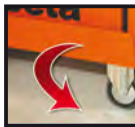
1200 kg



C39MD-G



C39MD-R



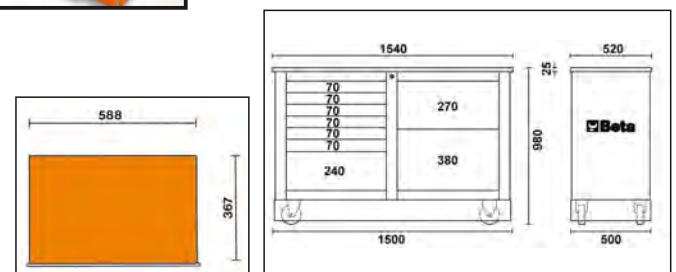
C39MD-O



h	max
70 mm	30 kg
240 mm	40 kg

123 kg

Model	RAL	Qty	Code
C39MD-O	RAL 2011	1	039390101
C39MD-G	RAL 7016	1	039390102
C39MD-R	RAL 3000	1	039390103





## C41S

two-module tool trolley

Main features:

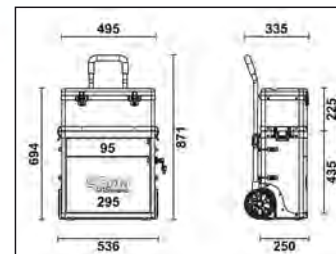
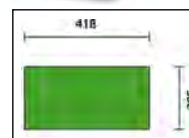
- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
  - 1 upper tool box,
  - 1 module with 2 drawers, 95 mm and 295 mm high respectively.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock
- for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5940/SBK and 5915VU/5

16 kg

C41S

1 041000001



## C41H

two-module tool trolley

Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 2 detachable modules:
  - 1 upper tool box,
  - 1 module with 2 drawers 95 mm in height,
  - 1 pull-out case made of plastic, 66 mm high, and 1 drawer 295 mm in height.
- Oversized castors (160 mm), built into frame for easy transport - for example, on steps.
- Side centralized lock for closing drawers of lower module.
- Drawers with ball bearing slides and double closing hook.
- Telescopic aluminium handle.
- Small tool holder built into upper tool box.
- Lower drawer with double ballbearing slide

Recommended assortments: 5941VU/M, 5940/SBK and 5915VU/5

\* Colours available on request

21 kg

C41H-O	RAL 2011	1	041000002
C41H-N	RAL 9005	1	041000005
C41H-B	RAL 5002	1	041000006
C41H-R	RAL 3000	1	041000008
C41H-G	RAL 7016	1	041000010
C41H-Y	RAL 1023	1	041000012
C41H-W	RAL 9016	1	041000021
C41H-V	RAL 6016	1	041000024



C41H-O



C41H-W

C41H-Y

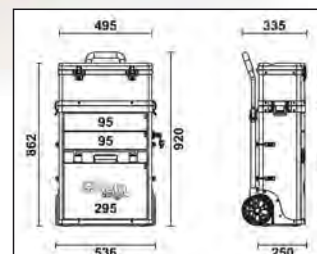
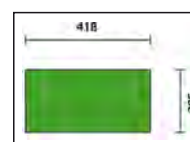
C41H-R

C41H-V

C41H-B

C41H-G

C41H-N



## C41H/CE

tool chest  
with removable partitions for small tools,  
made from plastic material

1,3 kg

C41H/CE

1 041000916



## C42H

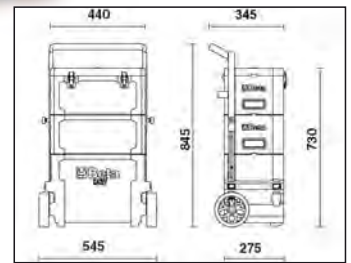
three-module tool trolley

### Main features:

- Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
- 3 detachable modules:
  - 1 upper tool box, 220 mm high
  - 1 central tool module, 180 mm high.
  - 1 lower tool module with castors, 330 mm high.
- Oversized castors (ø 160 mm).
- Telescopic handle, can be adjusted in 3 positions
- Quick module release system: easy, quick access to all tool compartments.
- Upper tool box with interior object compartment and 3 tool trays built into cover.
- Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg



C42H

1 042000002



## CX49-G

multi-purpose trolley

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

### Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 2 central shelves with adjustable position and 1 fixed low shelf
- 4 useful side cable reels made of plastic - 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with brake)
- Weight: 43 kg

CX49-G

1 049000102

1099 mm  
460 mm  
435 mm



## CA49-G

multi-purpose trolley with door

can be used as a mobile workstation for diagnostic tools, laptops, testers and battery chargers.

### Specifications:

- Painted sheet metal frame: unparalleled firmness and sturdiness
- Ergonomic handle
- 2-level top
- Pull-out drawer for housing a mini keyboard
- 1 shelf with adjustable position, 1 fixed shelf and door
- 4 useful side cable reels made of plastic
- 2 useful side containers
- 2 fixed rear castors Ø 160 mm
- 2 steering front castors Ø 100 mm (one with frame)
- Weight: 36.5 kg

CA49-G

1 049000112



1099 mm  
460 mm  
435 mm

## 4900-COVER C49

nylon cover for multi-purpose tool trolley item C49

4900-COVER C49

1 049000930



## C48M

electric platform cart, with panels

Compact dimensions and versatile use make the C48M platform cart the ideal solution for handling heavy loads (boxes, containers, bulky objects, parts of equipment) in the power-assisted mode in complete safety, including in hardly accessible areas and in work environments which cannot be accessed via conventional forklift trucks.

This results in significantly reduced hazards for operators - e.g. musculoskeletal disorders caused by manual handling of loads.

Motorized platform, with 24V - 400W motor with 2x12V 33Ah battery supply and Curtis control card.

Loading floor made from sturdy steel, coated with non-slip rubber, with round tubular panels preventing objects from falling during transport.

The panels can be removed, to cater to individual transportation requirements.

The control console is equipped with the following:

- ignition key
- speed adjusting knob
- side butterfly handles for traction control
- intermittent beep, which is activated when moving in reverse
- battery charge indicator
- electric brake cut-out button
- emergency mushroom head button.

Fitted with 2 pneumatic traction wheels (Ø 260 mm) and 2 swivelling rubber wheels (Ø 150mm), electromagnetic brake and differential gear.

Supplied with an external battery charger, 220V/50Hz - V/A 24/12

### FUNCTIONAL SPECIFICATIONS

Carrying capacity: 400 kg

Driving speed: 4-6 km/h (adjustable)

Battery life: 4 hours

Maximum permitted slope with a full load: 6%

Maximum permitted slope with 100 kg load: 18%

Safety devices:

Electronic brake

Buzzer

Anti-crushing guard

Battery charge indicator

Curtis control cart

### TECHNICAL SPECIFICATIONS

Overall dimensions: 1280x630x1100h mm

Useful dimensions of loading platform with panels: 1150x570 mm

Useful dimensions of loading platform without panels: 1260x620 mm

Height of loading platform from floor: 320 mm

Height of battery compartment from floor: 65 mm

Weight with batteries: 140 kg

**Beta**  
**BRUTUS**

400  
kg

CE



140 kg

## C48P

folding tool trolley

### Main features:

- Loading platform made of reinforced polypropylene (PP), with non-slip coating and TPV inserts for corner protection
- Retractable handle for quick, compact storage
- Four non-marking castors, Ø 125 mm: 2 fixed and 2 steering with brakes
- Maximum capacity: 300 kg.
- Loading platform working width: 705 mm
- Loading platform depth: 480 mm
- Loading platform height: 200 mm



11 kg

C48P



048000030

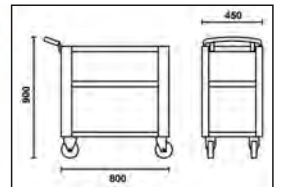
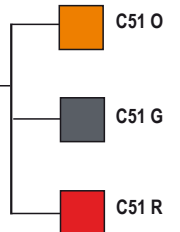
## C51

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm: 2 fixed and 2 steering (1 with brake)
- Static load capacity: 200 kg (distributed between 3 shelves)

21 kg

C51 O	RAL 2011	1	051000001
C51 G	RAL 7016	1	051000002
C51 R	RAL 3000	1	051000003



# Beta



## RSC51

service tool trolley with 3 drawers

Main features:

- ABS reinforced worktop, solid and sturdy
  - Multipurpose top with anti-fall edges and 8 holes for accommodating screwdrivers
  - 3 drawers (588x367 mm) with ball bearing slides, 70 mm high
  - Drawer bases protected by foamed rubber mats
  - Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
  - Front centralized safety lock
  - Convenient side screwdriver holder included
  - Two built-in side spray can holders
  - Large lower shelf protected by an anti-oil and anti-petrol rubber mat
  - 4 castors, Ø 125 mm: 2 fixed castors and 2 swivel castors (one with brake)
- Static load capacity: 400 kg
  - Capacity of each drawer: 15 kg, evenly distributed

400 kg



RSC51-FO



RSC51-R

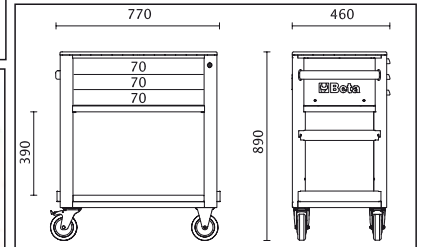
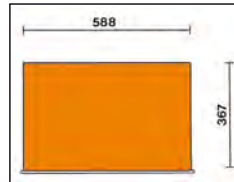


RSC51-A

38 kg



h	max
70 mm	15 kg



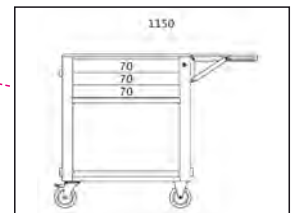
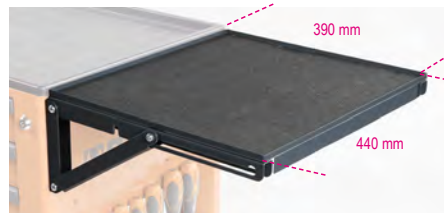
RSC51-FO	RAL 2011 - 7016	1	051000300
RSC51-R	RAL 3000 - 7016	1	051000303
RSC51-A	RAL 7016	1	051000307

## 2400 RSC24/MP

folding shelf for items RSC24, RSC24A, RSC51, RSC24AXLP/7, RSC24AXXL

- For use as additional worktop
- Worktop dimensions: 390x440 mm, protected by an anti-oil and anti-petrol rubber mat
- Load capacity: 20 kg

3,4 kg



2400 RSC24/MP	1	024004900
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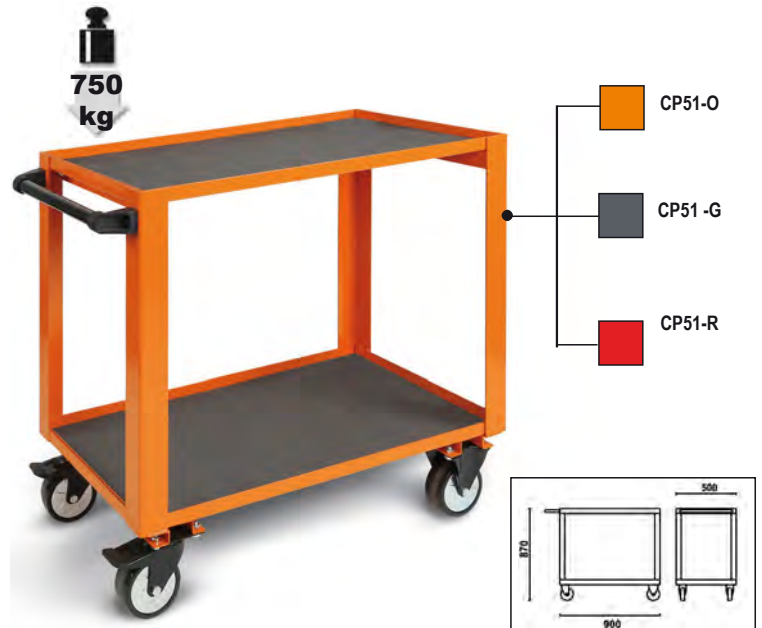


## CP51

high-grade trolley

- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:  
2 fixed and 2 steering with brake
- Static load capacity: 750 kg (shared by 2 tops)

37 kg



Model	Color	Weight	Part No.
CP51 O	RAL 2011	1	051000501
CP51 G	RAL 7016	1	051000502
CP51 R	RAL 3000	1	051000503

## CB52

gearbox/transmission trolley  
with liquid recovery system  
Inclined plane and drain holes  
allow liquids to be recovered in collection tank

**Fitted with:**

- 4 swivel castors, including 2 with brakes
- Tool drawer
- Pull-out liquid collection tank; capacity: 7 l
- 2 shelves

**Features:**

- Dimensions: 1200x640x870 mm
- Weight: 60 kg

60 kg



CB52-O

1 052000201

## C56P O

folding workbench

Compact and easy to carry.

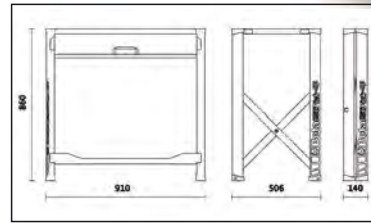
Worktop (800x500mm, 30 mm thick) made of MDF and galvanized sheet iron, for use on both sides.

Handle with rubber cover, for easy transportation.

Feet with nonslip cover.

Static load capacity: 250 kg

18 25 kg



C56P O

1 056000011

## C56PL O

folding workbench, Light version

Lightweight, compact, easy to carry.

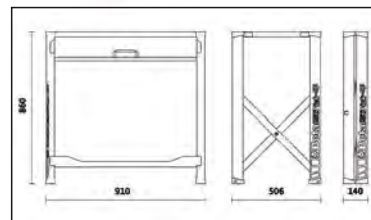
Worktop (800x500mm) made galvanized sheet iron, for use on one side, protected by an anti-oil and anti-petrol rubber cover.

Handle with rubber cover, for easy transportation.

Feet with nonslip cover.

Static load capacity: 200 kg

18 18,5 kg



C56PL O

1 056000021



## C54S

### Cargo tool cabinets

These tool cabinets are designed according to detailed research and offer accurate, comfortable and rational solutions for end users.

Two perforated panels attached to the doors may be opened giving access to additional storage space.

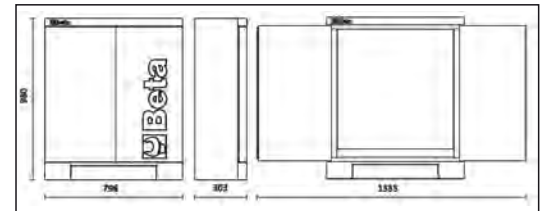
#### Main features:

- 1 drawer, with slides.
- Easy tool layout according to users' needs.
- Easy wall mounting by means of two slots located at the back of the cabinet .
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories



C54S-O

37 kg



C54S-O

1 054000301

# Beta

## C57SA

### MasterCargo workbench

- Model with tool storage board (C57P) and one drawer cabinet.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150 - 1599GI/150, to be ordered separately.



C57S/A-O

205 kg

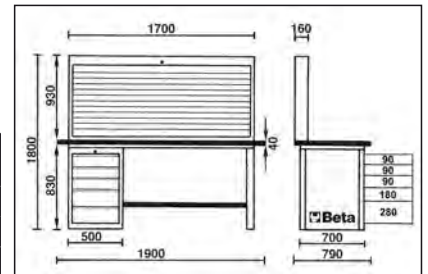


C57S/A-G

C57S/A-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/A-O	RAL 2011	1	057001005
C57S/A-G	RAL 7016	1	057001205
C57S/A-R	RAL 3000	1	057001405

## C57SD

### MasterCargo workbench

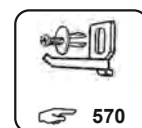
- Model with one drawer cabinet

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high, 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

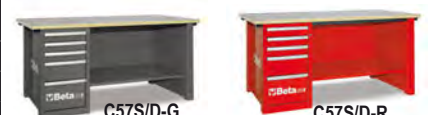
Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150 - 1599GI/150, to be ordered separately.



C57S/D-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/D-G

C57S/D-R

158 kg

C57S/D-O	RAL 2011	1	057001004
C57S/D-G	RAL 7016	1	057001204
C57S/D-R	RAL 3000	1	057001404

## C57SB

### MasterCargo workbench

- Model with tool storage board (C57P) and two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays Centralized lock.

Panel tool holder with holes on back for wall mounting. Vertically operated aluminium shutter, with lock. Three removable perforated panels for supporting tools.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150 - 1599GI/150, to be ordered separately.



C57S/B-O

243 kg



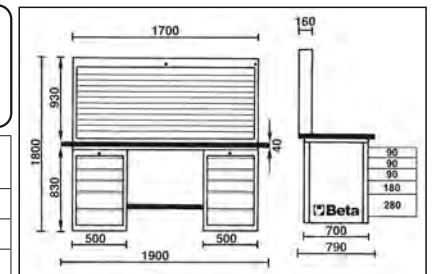
C57S/B-G



C57S/B-R



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/B-O	RAL 2011	1	057001006
C57S/B-G	RAL 7016	1	057001206
C57S/B-R	RAL 3000	1	057001406

## C57SC

### MasterCargo workbench

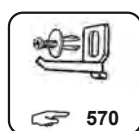
- Model with two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides. Can accommodate thermoformed trays. Centralized lock.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150 - 1599GI/150, to be ordered separately.



C57S/C-O



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S/C-G



C57S/C-R

196 kg

C57S/C-O	RAL 2011	1	057001003
C57S/C-G	RAL 7016	1	057001203
C57S/C-R	RAL 3000	1	057001403

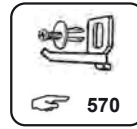
## C57SP

panel tool holder

Panel tool holder with two holes on back for wall mounting.  
Aluminium shutter, vertically adjustable, with lock.  
Three removable perforated panels for tool holding.

60 kg

C57SP-O	RAL 2011	1	057001020
C57SP-G	RAL 7016	1	057001220
C57SP-R	RAL 3000	1	057001420



C57SP G

C57SP R

## 5700LAMP

MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with 1120-Lumen LED strip, 4000K, 14W.
- Power supply 230V.
- Provided without wire.

9 kg

5700LAMP		1	057000005
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## C58P

panel tool holder

- Panel tool holder with two holes on back for wall mounting.
- Security locked shutter made of painted aluminium.
- Two removable perforated panels for tool holding.

47,5 kg

C58P-O	RAL 2011	1	058000221
C58P-G	RAL 7016	1	058000222
C58P-R	RAL 3000	1	058000223



C58P-G



C58P-R



1360 mm

C58P-O

## PV

wall tool panel

	LxA mm			
PV1	1000x920	10,2	1	088880010
PV1,5	1500x920	14,2	1	088880015



# MODULAR WORKBENCHES

Beta has launched the new range of workbenches, MODULAR, designed to make it possible for professionals to configure their workplaces from scratch, adapting them to their individual needs.

The range comes in a wide choice of **preassembled combinations**; alternatively, you can fully **customize** your configuration, including the worktops, legs, mobile roller cabs and tool chests, tool wall systems and accessories.

The 75-cm-deep worktop means having a large, convenient, functional work surface available. It can be fitted with a vice, thereby allowing heavy-duty jobs to be carried out.

The new MODULAR range, designed according to the latest ergonomics studies, is enhanced by Beta's well-known sturdiness and quality, thereby standing out as an essential work partner.



## Configure your workshop online



go to [www.beta-tools.com](http://www.beta-tools.com)

### TOOL CHEST



### TOOL WALL SYSTEMS



### WORKTOPS



LEGS

## C58BC-W1,6

simple workbench with wood worktop, 1.6 m long

Main features:

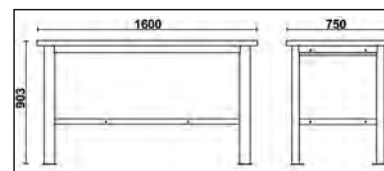
- Worktop (1,600x750 mm), made from multi-ply wood, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1,6

61 kg

1000 kg



C58BC-W1,6

1 058000601

## C58BC-X1,6

simple workbench with worktop made from stainless steel coated MDF, 1.6 m long

Main features:

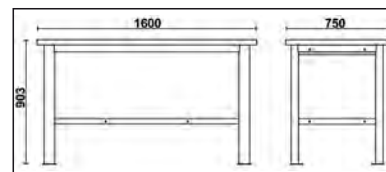
- Worktop (1,600x750 mm) made from stainless steel coated MDF, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

74 kg

1000 kg



C58BC-X1,6

1 058000606

## C58BC-W1,6 2C

workbench, 1.6 m long, with wood worktop and 2 drawers

Main features:

- Worktop (1,600x750 mm) made from multi-ply wood, 38 mm thick
- 2 drawers (367x588 mm) with ball bearing slides:
  - 1 drawer 70 mm high
  - 1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

103,5 kg

1000 kg



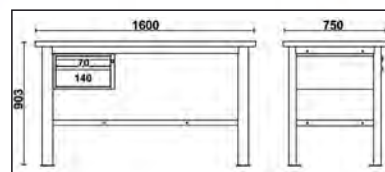
C58BC-W1,6 2C/O



C58BC-W1,6 2C/A



h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W1,6 2C/O

1 058000611

C58BC-W1,6 2C/A

1 058000613

## C58BC-W1,6 4C

workbench, 1.6 m long with wood worktop and 4 drawers

Main features:

- Worktop (1,600x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
  - 1 drawer 210 mm high
  - 3 drawers 70 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,288x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 1,600 mm, C58BAC 1.6

1000  
kg

RAL 2011

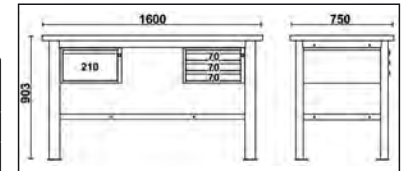


82 kg

RAL 7016



h	max
70 mm	25 kg
210 mm	30 kg



C58BC-W1,6 4C/O

1

058000612

C58BC-W1,6 4C/A

1

058000614

## C58BC-W2,1

simple workbench with wood worktop, 2.1 m long

Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 800 kg, evenly distributed

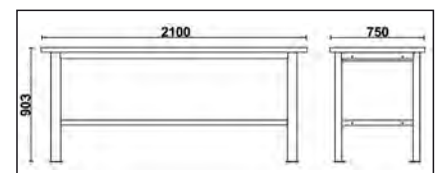
Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

800  
kg



70 kg



C58BC-W2,1

1

058000621

## C58BC-X2,1

simple workbench with worktop made from stainless steel coated MDF, 2.1 m long

Main features:

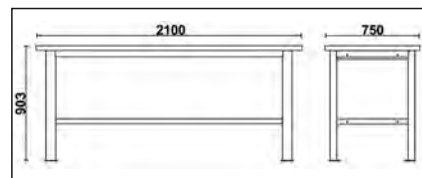
- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 1,000 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

93 kg

800 kg



C58BC-X2,1

1 058000626

## C58BC-W2,1 2C

workbench, 2.1 m long, with wood worktop and 2 drawers

Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 2 drawers (367x588 mm) with ball bearing slides:
  - 1 drawer 70 mm high
  - 1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Lower half-shelf for objects, 1,788x335 mm; thickness: 40 mm
- Can be fixed to floor
- Static load capacity: 800 kg, evenly distributed

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

91 kg

800 kg

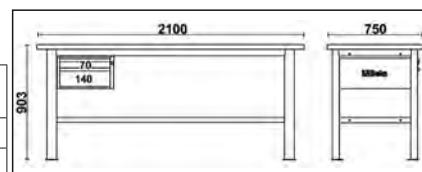
RAL 2011



RAL 7016



h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 2C/O

1 058000631

C58BC-W2,1 2C/A

1 058000636



## C58BC-W2,1 4C

workbench, 2.1 m long, with wood worktop and 4 drawers

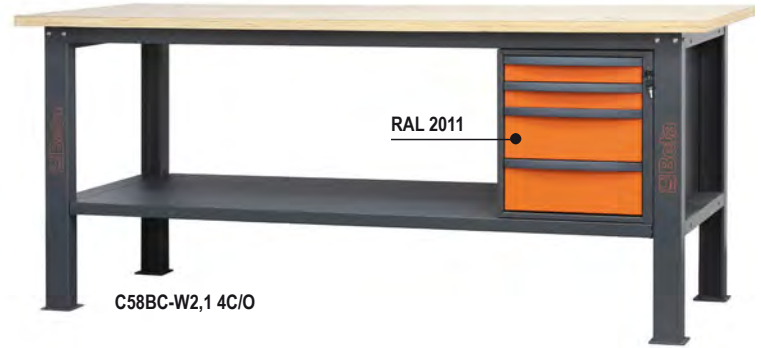
Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
  - 2 drawers 70 mm high
  - 2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

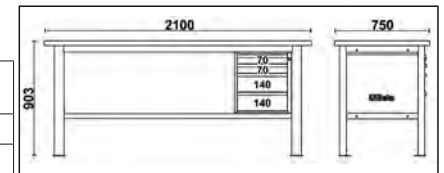
800 kg



118 kg



h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 4C/O	1	058000632
C58BC-W2,1 4C/A	1	058000637

## C58BC-W2,1 4CA

workbench, 2.1 m long, with wood worktop, 4 drawers and door module

Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
  - 2 drawers 70 mm high
  - 2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

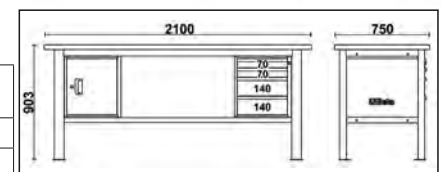
800 kg



133 kg



h	max
70 mm	25 kg
140 mm	30 kg



C58BC-W2,1 4CA/O	1	058000633
C58BC-W2,1 4CA/A	1	058000638

## C58BC-W2,1 6CA

workbench, 2.1 m long, with wood worktop, 6 drawers and door module

Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 6 drawers (367x588 mm) with ball bearing slides:
  - 1 drawer 210 mm high
  - 4 drawers 70 mm high
  - 1 drawer 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

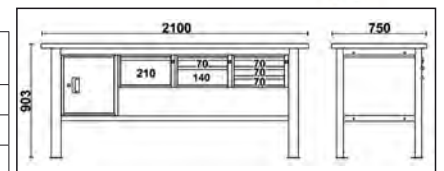
162 kg

C58BC-W2,1 6CA/O	1	058000634
C58BC-W2,1 6CA/A	1	058000639

800 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## C58BC-W2,1 8CA

workbench, 2.1 m long, with wood worktop, 8 drawers and door module

Main features:

- Worktop (2,100x750 mm) made from multi-ply wood, 38 mm thick
- 8 drawers (367x588 mm) with ball bearing slides:
  - 5 drawers 70 mm high
  - 2 drawers 140 mm high
  - 1 drawer 210 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

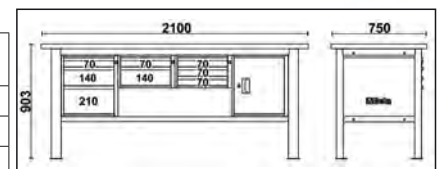
174 kg

C58BC-W2,1 8CA/O	1	058000635
C58BC-W2,1 8CA/A	1	058000640

800 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg



## C58BC-X2,1 4C

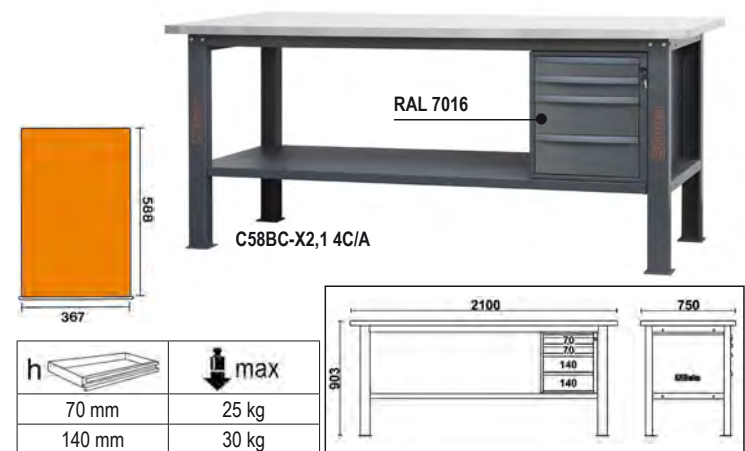
workbench, 2.1 m long, with worktop made from stainless steel coated MDF and 4 drawers

Main features:

- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
  - 2 drawers 70 mm high
  - 2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1



C58BC-X2,1 4C/O	1	058000623
C58BC-X2,1 4C/A	1	058000627

## C58BC-X2,1 4CA

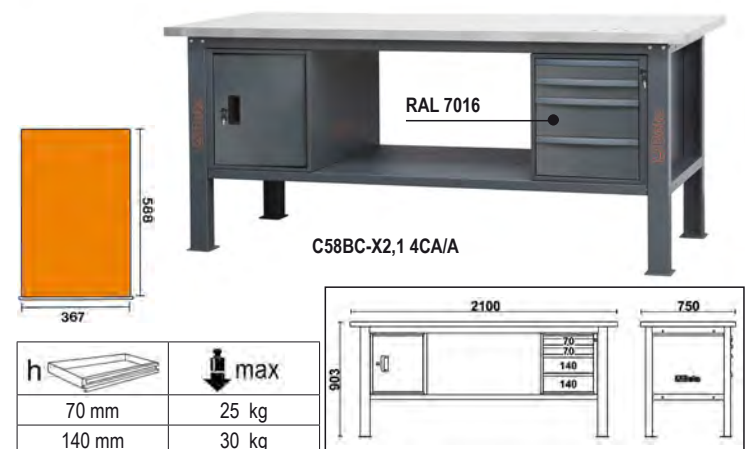
workbench, 2.1 m long, with worktop made from stainless steel coated MDF, 4 drawers and door module

Main features:

- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 4 drawers (367x588 mm) with ball bearing slides:
  - 2 drawers 70 mm high
  - 2 drawers 140 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 4 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1



C58BC-X2,1 4CA/O	1	058000624
C58BC-X2,1 4CA/A	1	058000628

## C58BC-X2,1 8CA

workbench, 2.1 m long, with worktop made from stainless steel coated MDF, 8 drawers, 8 drawers and door module

Main features:

- Worktop (2,100x750 mm) made from stainless steel coated MDF, 38 mm thick
- 8 drawers (367x588 mm) with ball bearing slides:
  - 5 drawers 70 mm high
  - 2 drawers 140 mm high
  - 1 drawer 210 mm high.
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays
- Front centralized lock
- 1 module with door and lock
- Steel frame with 2 supporting legs
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- 2 lower half-shelves for objects, 1,788x335 mm; thickness: 40 mm
- Static load capacity: 800 kg, evenly distributed
- Can be fixed to floor

Following accessories can be added:

- Perforated side panel C58PFL
- Anti-fall edge, 2,100 mm, C58BAC 2.1

197 kg

C58BC-X2,1 8CA/O	1	058000625
C58BC-X2,1 8CA/A	1	058000629



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

## C58PLT-W 1,6

worktop (1,600x750 mm) made from multi-ply wood, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

35,5 kg

C58PLT-W 1,6	1	058000641
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## C58PLT-X 1,6

worktop (1,600x750 mm) made from stainless steel coated MDF, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

48,5 kg

C58PLT-X 1,6	1	058000646
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## C58PLT-W 2,1

worktop (2,100x750 mm) made from multi-ply wood, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)

41 kg

C58PLT-W 2,1	1	058000651
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## C58PLT-X 2,1

worktop (2,100x750 mm) made from stainless steel coated MDF, for modular workbenches C58BC

- Thickness: 38 mm
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)



63,5 kg

C58PLT-X 2,1

1 058000656

## C58GF

fixed height leg, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- Height: 866 mm
- Can be fixed to floor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

8 kg



C58GF

1 058000660

## C58GT

vertically adjustable leg, for modular workbenches C58BC

Vertically adjustable height allows individual requirements to be satisfied, thereby translating into optimally ergonomic workbenches.

- Sturdy sheet metal frame, with holes for fixing shelves
- Height: 715 ÷ 1,065 mm; hole pitch: 25 mm
- Can be fixed to floor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

10 kg



C58GT

1 058000661

## C58GRGM

leg with steering castors and handle, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- 2 steering castors, Ø 125 mm, with brakes
- Side handle for convenient carrying of workbench
- Overall height: 824 mm, including castor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

9,5 kg



C58GRGM

1 058000662

## C58GRF

leg with fixed castors, for modular workbenches C58BC

- Sturdy sheet metal frame, with holes for fixing shelves
- 2 fixed castors, Ø 125 mm
- Overall height: 824 mm, including castor
- Colour: anthracite grey RAL7016
- Carrying capacity: 400 kg

8,5 kg



C58GRF

1 058000663

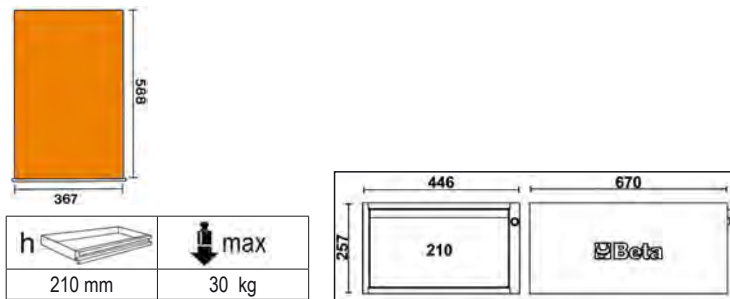
## C58CS 1C

tool chest, 257 mm high, with 1 drawer, for modular workbenches C58BC

- 1 fully removable drawer (367x588 mm), with ball bearing slides, 210 mm high
- Front centralized safety lock
- Drawer base protected by foamed rubber mat
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays



18,5 kg



C58CS/O 1C	1	058000671
C58CS/A 1C	1	058000674

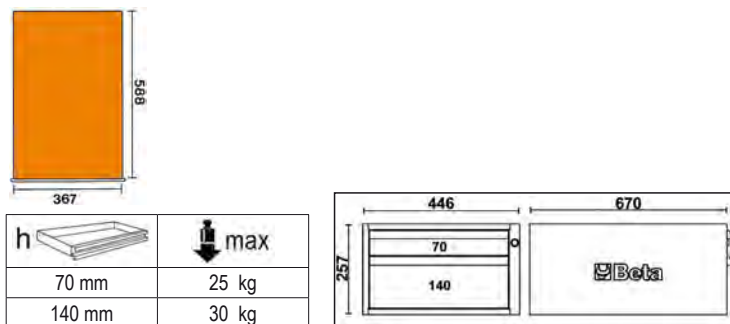
## C58CS 2C

tool chest, 257 mm high, with 2 drawers, for modular workbenches C58BC

- 2 fully removable drawers (367x588 mm), with ball bearing slides:
- 1 drawer 70 mm high
- 1 drawer 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays



21 kg



C58CS/O 2C	1	058000672
C58CS/A 2C	1	058000675

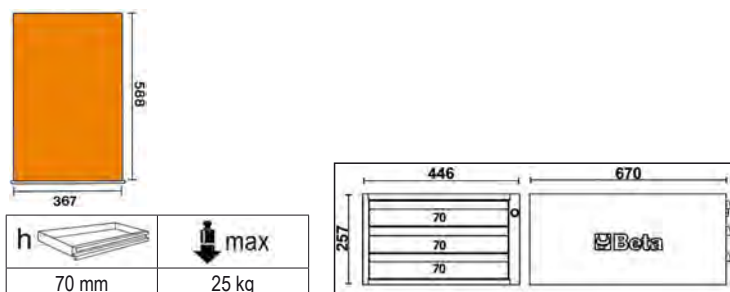
## C58CS 3C

tool chest, 257 mm high, with 3 drawers, for modular workbenches C58BC

- 3 fully removable drawers (367x588 mm), with ball bearing slides, 70 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays



24 kg



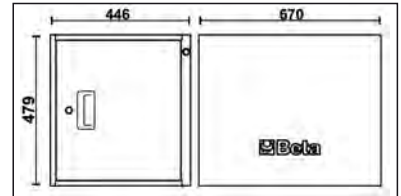
C58CS/O 3C	1	058000673
C58CS/A 3C	1	058000676

## C58MA

module, 479 mm high, with door, for modular workbenches C58BC

- Front safety lock
- Sheet metal door can be installed with right or left opening
- Usable interior dimensions: 440x640x447 mm

15 kg



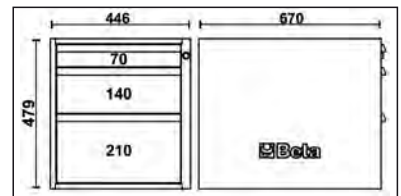
C58MA/O	1	058000680
C58MA/A	1	058000681

## C58CSH 3C

tool chest, 479 mm high, with 3 drawers, for modular workbenches C58BC

- 3 fully removable drawers (367x588 mm), with ball bearing slides:
  - 1 drawer 70 mm high
  - 1 drawer 140 mm high
  - 1 drawer 210 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

31 kg



h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

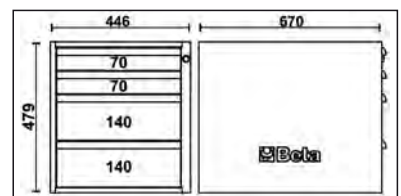
C58CSH/O 3C	1	058000682
C58CSH/A 3C	1	058000686

## C58CSH 4C

tool chest, 479 mm high, with 4 drawers, for modular workbenches C58BC

- 4 fully removable drawers (367x588 mm), with ball bearing slides:
  - 2 drawers 70 mm high
  - 2 drawers 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

35 kg



h	max
70 mm	25 kg
140 mm	30 kg

C58CSH/O 4C	1	058000683
C58CSH/A 4C	1	058000687

## C58CSH 5C

tool chest, 479 mm high, with 5 drawers, for modular workbenches C58BC

- 5 fully removable drawers (367x588 mm), with ball bearing slides:
  - 4 drawers 70 mm high
  - 1 drawer 140 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

37,5 kg



RAL 2011

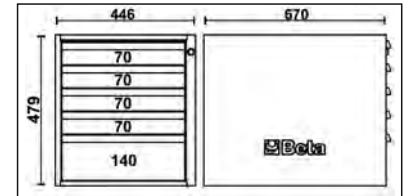
C58CSH/O 5C

RAL 7016

C58CSH/A 5C

C58CSH/O 5C	1	058000684
C58CSH/A 5C	1	058000688

h	max
70 mm	25 kg
140 mm	30kg



## C58CSH 6C

tool chest, 479 mm high, with 6 drawers, for modular workbenches C58BC

- 6 fully removable drawers (367x588 mm), with ball bearing slides, 70 mm high
- Front centralized safety lock
- Drawer bases protected by foamed rubber mats
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

40 kg



RAL 2011

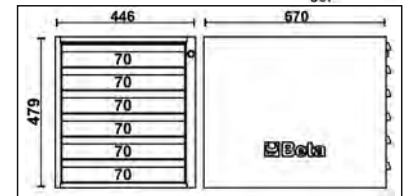
C58CSH/O 6C

RAL 7016

C58CSH/A 6C

C58CSH/O 6C	1	058000685
C58CSH/A 6C	1	058000689

h	max
70 mm	25 kg



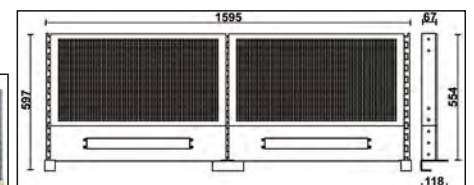
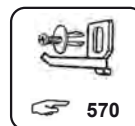
## C58K/2PF-1,6M

kit of 2 perforated tool panels with frames, for modular workbenches C58BC, 1.6 m long

Kit contents:

- 3 supporting brackets
- 3 400-mm uprights
- 2 765-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 2 perforated tool panels, 765x25x400 mm

14,4 kg



C58K/2PF-1,6M	1	058000802
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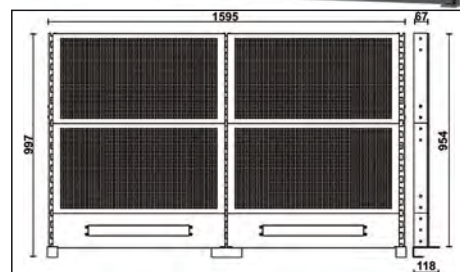
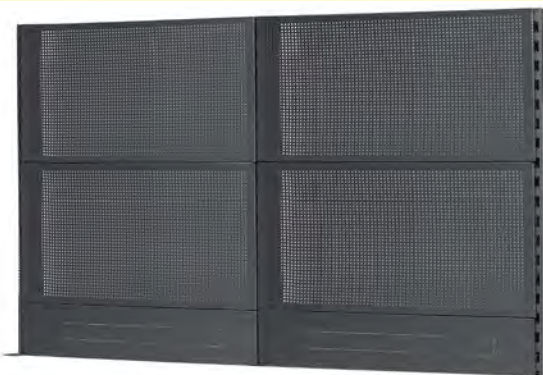
## C58K/4PF-1,6M

kit of 4 perforated tool panels with frames, for modular workbenches  
C58BC, 1.6 m long

Kit contents:

- 3 supporting brackets
- 6 400-mm uprights
- 2 765-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 4 perforated tool panels, 765x400 mm

23,9 kg



C58K/4PF-1,6M

1 058000804

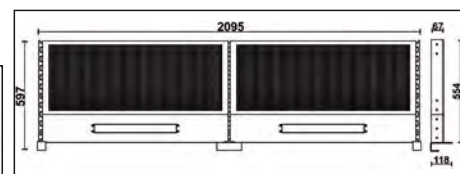
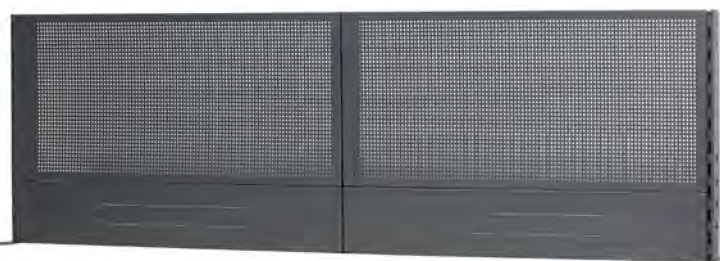
## C58K/2PF-2,1M

kit of 2 perforated tool panels with frames, for modular workbenches  
C58BC, 2.1 m long

Kit contents:

- 3 supporting brackets
- 3 400-mm uprights
- 2 1,015-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 2 perforated tool panels, 1,015x25x400 mm

17 kg



C58K/2PF-2,1M

1 058000812

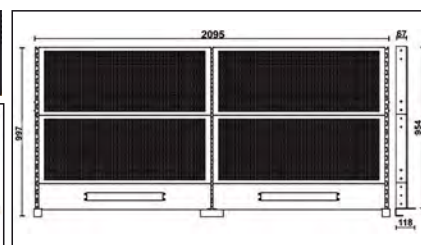
## C58K/4PF-2,1M

kit of 4 perforated tool panels with frames, for modular workbenches  
C58BC, 2.1 m long

Kit contents:

- 3 supporting brackets
- 6 400-mm uprights
- 2 1,015-mm supports; can accommodate 1 19" rack multi-socket (not included)
- 4 perforated tool panels, 1,015x25x400 mm

28,2 kg



C58K/4PF-2,1M

1 058000814

## C58SP 1,6

supporting half-shelf, for modular workbenches C58BC, 1.6 m long

- Thickness: 40 mm
- Fixing material included

9,7 kg



C58SP 1,6

1 058000690

## C58SP 2,1

supporting half-shelf, for modular workbenches C58BC, 2.1 m long

- Thickness: 40 mm
- Fixing material included

13,3 kg



C58SP 2,1

1 058000691

## C58BAC 1,6

anti-fall edge for modular workbenches C58BC, 1.6 m long

- Can accommodate 2 electrical outlets and 1 19" rack multi-socket (not included)
- Dimensions: 1,600x55x120 mm

4,5 kg



C58BAC 1,6

1 058000692

## C58BAC 2,1

anti-fall edge for modular workbenches C58BC, 2.1 m long

- Can accommodate 2 electrical outlets and 1 19" rack multi-socket (not included)
- Dimensions: 2.100x55x120 mm

5,8 kg



C58BAC 2,1

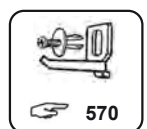
1 058000693

## C58PFL

perforated side panel for modular workbenches C58BC

- Dimensions: 560x25x545 mm
- Fixing material included

1,8 kg



C58PFL

1 058000696

## C58MP-0,8M

shelf for modular workbenches C58BC, 1,6 m long

- Dimensions: 774x335 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules

3,5 kg



C58MP-0,8M

1 058000840

## C58MP-1M

shelf for modular workbenches C58BC, 2,1 m long

- Dimensions: 1,024x335 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules

4,5 kg



C58MP-1M

1 058000841

## C58BLP-1,6M

LED lamp track, for modular workbenches C58BC, 1,6 m long

- Frame length: 1,550 mm
- Can be supplied with 1 LED lamp item C58PLED-150 (to be ordered separately)

5,2 kg



C58BLP-1,6M

1 058000850

## C58BLP-1M

LED lamp track, for modular workbenches, C58BC 2,1 m long

- Frame length: 1,024 mm
- Can be supplied with 1 LED lamp item C58PLED-90 (to be ordered separately) • To complete the set-up of the 2.1 m bench, 2 units must be ordered

3,8 kg



C58BLP-1M

1 058000851

## C58PLED-150

LED lamp for modular workbenches C58BC, 1,6 m long

- Dimensions: 1,500x25x78 mm
- Power: 48W
- Brightness: 4,320 lumens
- Light temperature: 6400k
- Light beam: 180°
- Degree of protection: IP20
- Average life: >20,000 hours
- Operating temperature: -10 °C ÷ +45 °C
- Operating voltage: 220-240AC, 50/60 Hz
- Supplied with fixing clips

540 g



CC

C58PLED-150

1 058000860

## C58PLED-90

LED lamp for modular workbenches C58BC, 2.1 m long

CE

- Dimensions: 900x23x75 mm
- Power: 24W
- Brightness: 2,200 lumens
- Light temperature: 6400k
- Light beam: 180°
- Degree of protection: IP20
- Average life: >20,000 hours
- Operating temperature: -10 °C ÷ +45 °C
- Operating voltage: 220-240AC, 50/60 Hz
- Supplied with fixing clips



340 g

### C58PLED-90

1 058000861

## C56

workbench

- Worktop made of painted sheet metal with external edge
- Steel frame with 6 supporting legs
- Static load capacity: 1200 kg
- Matches panel toolholder C57P; cannot be fixed to worktop
- Two drawers with lock
- Can be fixed to floor

82 kg



C56-O	RAL 2011	1	056000201
C56-G	RAL 7016	1	056000202
C56-R	RAL 3000	1	056000203

## C56W

workbench with wood top

- Multi-ply wood worktop with holes for a vice (1599F/125 - 1599GI/125, to be ordered separately).
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.

86 kg



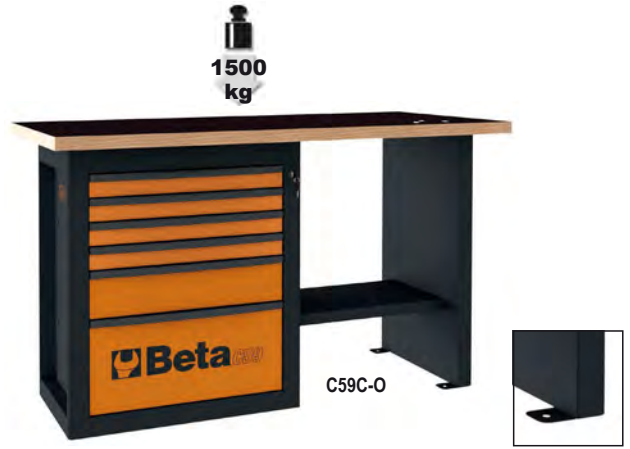
C56W-O	RAL 2011	1	056000251
C56W-G	RAL 7016	1	056000252
C56W-R	RAL 3000	1	056000253



"Endurance" workbench with 1 cab with six drawers, short model

**Main features:**

- Worktop made from multi-ply wood with holes for vice item 1599F/125 - 1599GI/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
  - 4 drawers, 70 mm high
  - 1 drawer, 140 mm high
  - 1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roller holder (2400 RSC24/PC) and bottle holder (2400 RSC24/PF-), to be ordered separately.



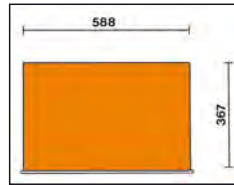
C59C-O



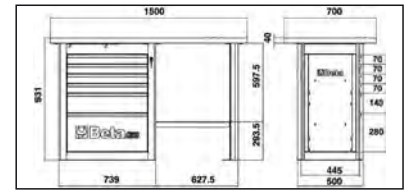
C59C-A



C59C-R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



105 kg

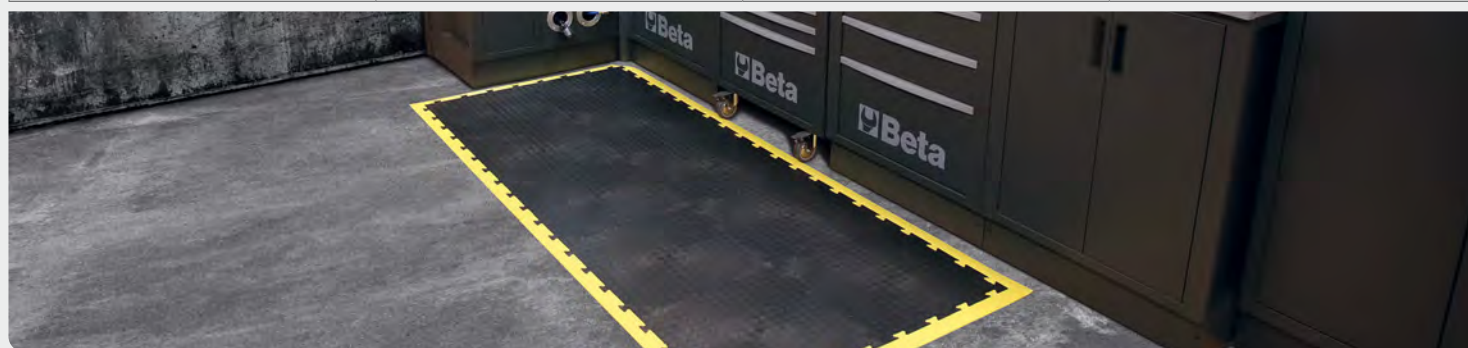
C59C-O	RAL 2011 - 7016	1	059000013
C59C-R	RAL 3000 - 7016	1	059000053
C59C-A	RAL 7016	1	059000033





# MODULAR MAT

	PCP	SCG/M	SCG/F
	6x	5x	5x
	8x	6x	6x
	10x	7x	7x



## PCP

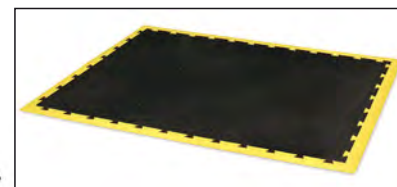
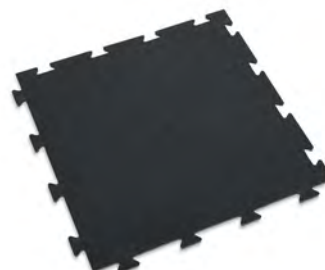
modular nonslip PVC tile

A perfect addition to Beta's workshop equipment combinations and workbenches.

Main features:

- Surface with "bubble" relief pattern
- Tested for fire resistance in accordance with EN 13501-1
- Anti-slip grade: R10, in accordance with DIN EN 16165
- Resistant to most solvents and chemicals
- Good soundproofing and heat insulation
- Easy to clean
- Joint assembly system

1,4 kg



PCP 500x500x80 mm 10 088880800

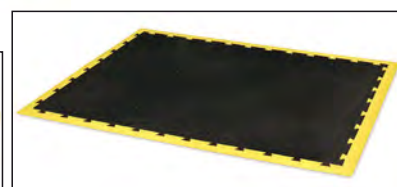
## SCG

modular PCP tile chute

A must-have for marking the boundaries of working areas.

Main features:

- Male or female jointed chute
- Each edge can be cut at an angle of 45°, to make a corner
- Yellow colour, for maximum visibility
- With slope, to make it easier for handling vehicles to go up



SCG/M 483x50x7,5 mm 10 088880805  
SCG/F 483x50x7,5 mm 10 088880810



# WORKSHOP EQUIPMENT RSC55



To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed "Racing System C55", modular garage furniture shaped on your needs, while allowing you to create a modern work environment.



## QUALITY

Beta's best Italian-made quality to furnish your garage



## ORGANIZATION

A sensibly organized workstation, synonymous with optimized work



## DESIGN

Refined, captivating finishes for a tidy, attractive workstation



## MODULARITY

Modular garage fitting your spaces and requirements







# WORKSHOP EQUIPMENT RSC55



**MADE IN ITALY**



Configure your workshop online  
Go to [www.rsc55.com](http://www.rsc55.com)

## YOUR COLOURS FOR YOUR WORKSHOP!

RSC55 allows you to order the benches and tool wall system with shutter in a neutral (grey) version and customize the vertical coloured inserts by choosing from 7 different adhesive tapes.

**Order the vertical insert  
in a neutral colour**

**Order the vertical insert**

Choose the colour to your taste or according  
to your company's colours





Comprehensive combination comprising:

- Single-door tool cabinet (C55A1)
- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Workbench with sockets (C55PRO BO/2)
- Mobile roller cab with 7 drawers (C55C7)
- Fixed module with 2 storage drawers (C55M2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)
- Tool panel with shutter (C55PS-O)

## C55AB

workshop equipment combination

Combination comprising:

- Two-door tool cabinet (C55A2)
- Workbench (C55BO/2)
- Fixed module with 7 drawers (C55M7)
- Fixed service module (C55MS)
- Tool panel with suspended cabinets (C55/2PM)

407 kg



C55AB

1 055000020



## C55PB/3

workshop equipment combination

Combination comprising:

- Workbench (C55BO/2)
- Roller cab module with 8 drawers (C55C8)
- Fixed module with 2 storage drawers (C55M2)
- Wall tool system with shutter (C55PS-O)

334 kg



C55PB/3

1 055000035



## C55PB-PRO/7

workstation for workshop equipment combination RSC55

Composed of:

### C55B

Workbench with worktop (2050x700 mm) covered with a shockproof, nonscratch ABS coat resistant to oils and hydrocarbons.

Fitted with:

- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

### C55M7

Fixed module with seven drawers (588x367 mm) with ball bearing slides

- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays

### C55MS

Fixed service module

- Built-in waste bin
- Paper roll compartment
- Storage drawer, 305x270 mm

### C55/2PM + C55/PF

Tool wall system with 2 suspended cabinets

- 2 suspended cabinets, 1024x400x300 mm, with gas springs
- 2 under-cabinet panels, 1024x620x25 mm
- 2 under-cabinet perforated tool panels, 1024x620x25 mm

350 kg

C55PB-PRO/7

1 055000065



## C55PB-PRO/8

workstation for workshop equipment combination RSC55

Composed of:

### C55B

Workbench with worktop (2050x700 mm) covered with a shockproof, nonscratch ABS coat resistant to oils and hydrocarbons.

Fitted with:

- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

### C55C7

Mobile roller cab with seven drawers (588x367 mm) with ball bearing slides

- 4 castors Ø 100 mm, 2 fixed and 2 steering (one with brake)
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays

### C55MA

Fixed two-door module

- Push-pull opening system
- With lock
- Interior shelf, vertically adjustable

### C55PS

Tool wall system with shutter and framework

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel

347 kg

C55PB-PRO/8

1 055000066



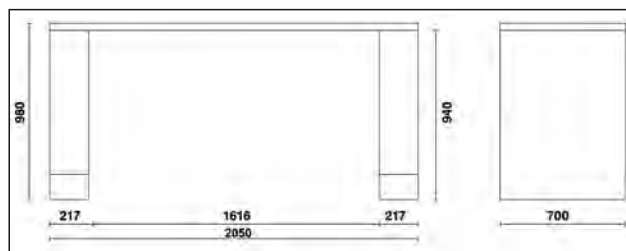
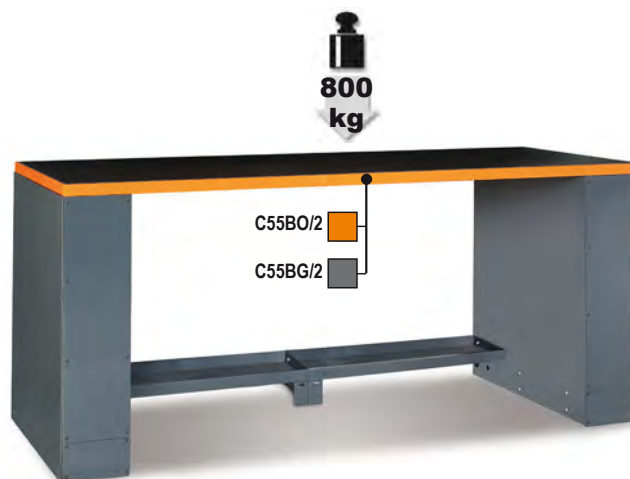
## C55B/2

2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

105 kg



C55BO/2	1	055000101
C55BG/2	1	055000111

## C55PRO B/2

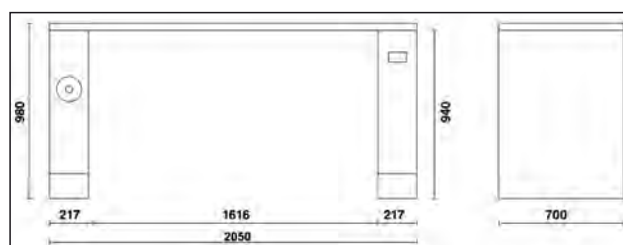
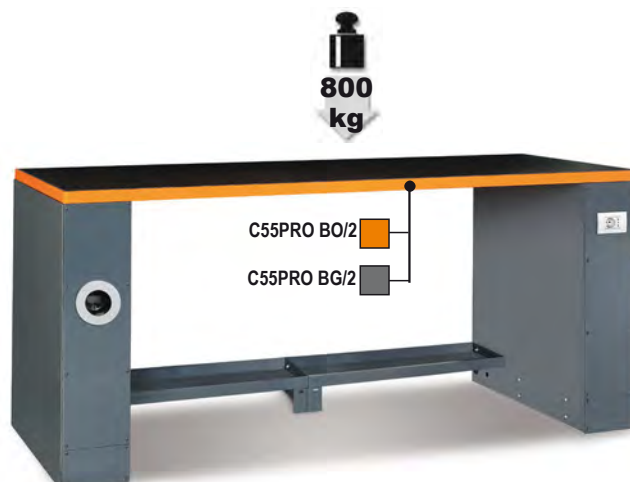
2-m-long workbench, for workshop equipment combination

With worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

110 kg



C55PRO BO/2	1	055000151
C55PRO BG/2	1	055000171

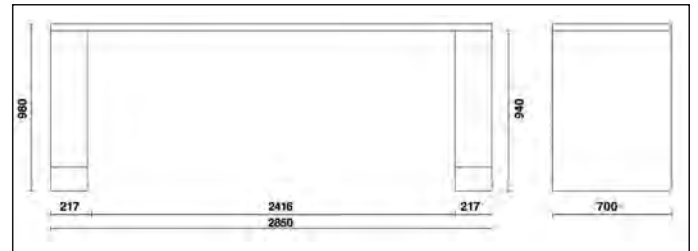
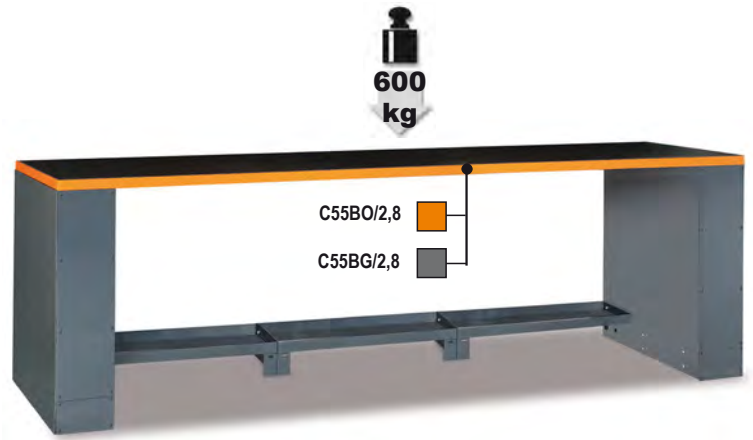
## C55B/2,8

2.8-m-long workbench, for workshop equipment combination

Worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

131 kg



C55BO/2,8	1	055000261
C55BG/2,8	1	055000281

## C55PRO B/2,8

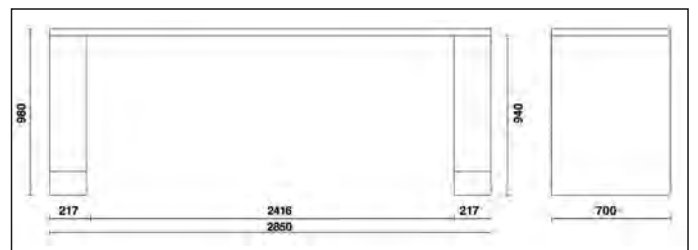
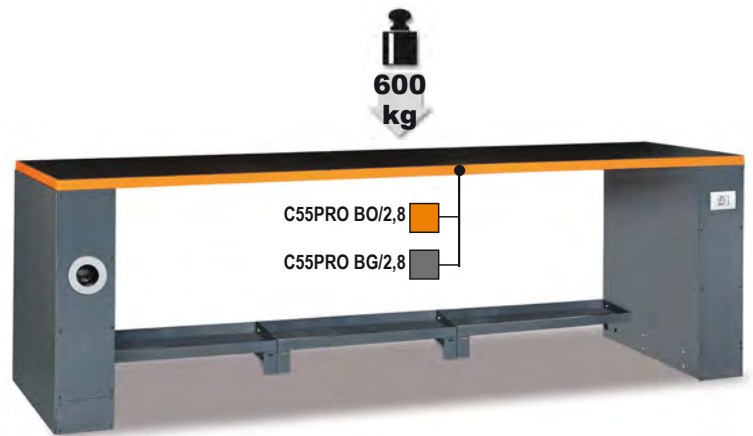
2.8-m-long workbench, for workshop equipment combination

With worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and hose reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, hose length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet

134 kg



C55PRO BO/2,8	1	055000271
C55PRO BG/2,8	1	055000283

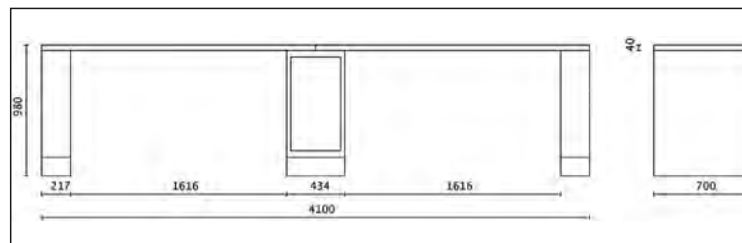
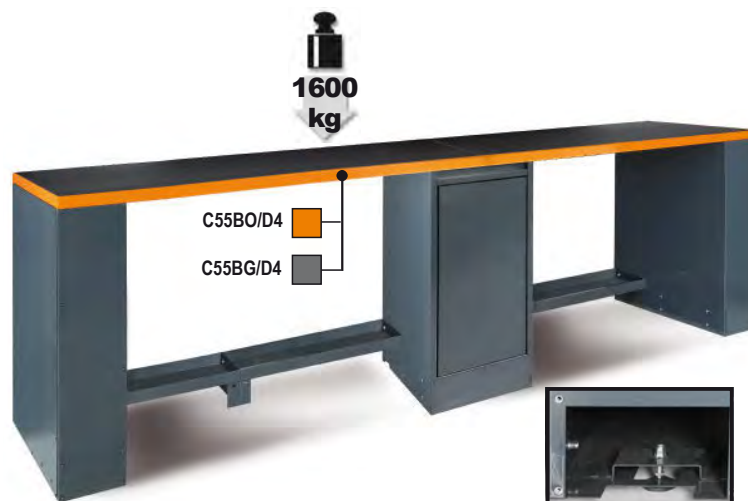
## C55B-D4

double 4-m-long workbench with central leg

Worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

- Holes for a vice 1599F/150 - 1599GI/150 (to be ordered separately)
- Vertically adjustable feet
- Double central leg with compartment and slide-away door, 350x750 mm

185 kg



C55BO/D4	1	055000109
C55BG/D4	1	055000119

## C55PRO B-D4

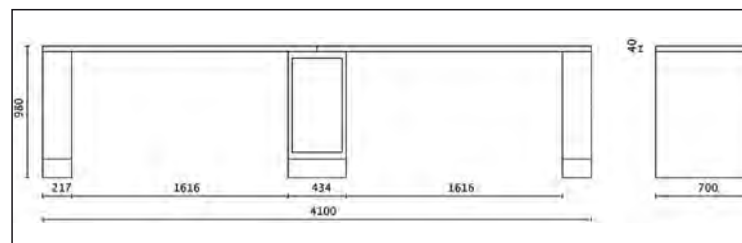
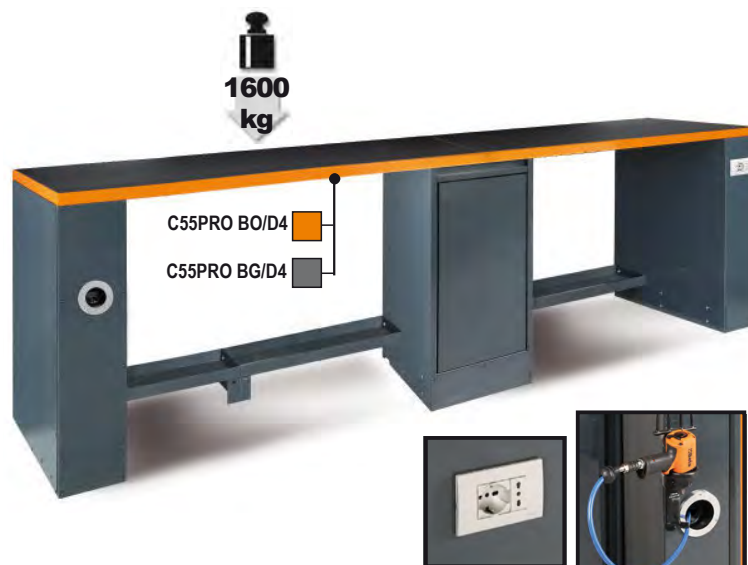
double 4-m long workbench with central leg

With worktop (4100x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

Built-in sockets and cable reel:

- Schuko socket +16+10A
- EU Plug 10A
- Compressed air outlet with hose reel, Ø 8 mm, cable length: 10 m.
- Holes for a vice (1599F/150 - 1599GI/150, to be ordered separately)
- Vertically adjustable feet
- Double central leg with tool compartment and door, 365x750 mm

190 kg



C55PRO-BO/D4	1	055000159
C55PRO-BG/D4	1	055000179

Beta

## C55B/G

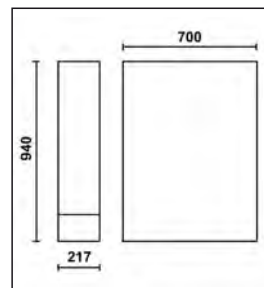
universal leg for workshop equipment workbench

- With vertically adjustable feet

32 kg

C55B/G

1 055000096



## C55B/GAA

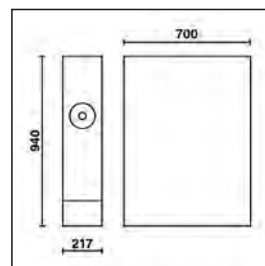
universal leg for workbench with built-in hose reel

- Built-in automatic hose reel for compressed air or cold water, Ø 8 mm
- Hose length: 10 m 1900S 8x10
- With vertically adjustable feet
- Front and side access

36,4 kg

C55B/GAA

1 055000099



## C55B/GDP

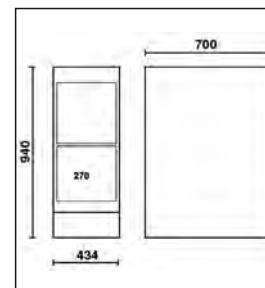
double leg for adjoining workshop equipment workbenches

- Paper roll holder compartment
- Compartment with door
- With vertically adjustable feet

45 kg

C55B/GDP

1 055000292



## C55B/GDS

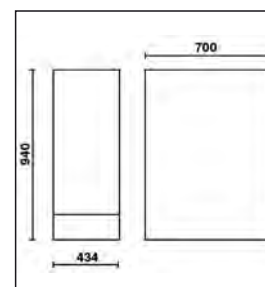
double leg for adjoining workshop equipment workbenches

- Compartment with slide-away door, 365x750 mm
- With vertically adjustable feet

45 kg

C55B/GDS

1 055000291





## C55B/GE

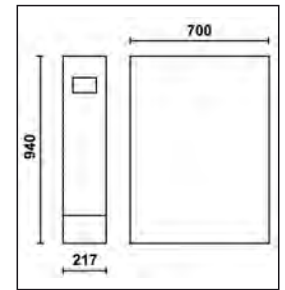
universal leg with power sockets for workshop equipment workbench

- Schuko socket+16+10A
- EU Plug +10A
- With vertically adjustable feet

30,4 kg

C55B/GE

1 055000097



## C55B/GAE

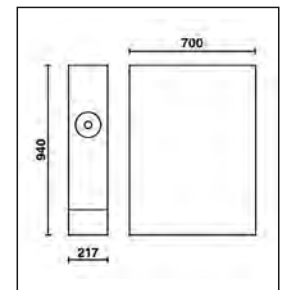
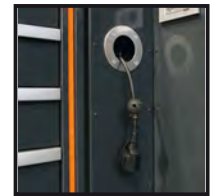
universal leg with built-in electrical cable reel for workbench, for workshop equipment combination

- Built-in automatic cable reel with Schuko type socket 1844 15H05SCK
- Cable length: 15 m
- With thermal protection switch
- With vertically adjustable feet
- Front and side access

37,5 kg

C55B/GAE

1 055000094



# Beta

## C55/PL-1,024

1-m-long worktop for workbench extension

Painted sheet metal worktop (1024x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

21 kg

C55/PLO-1,024	1	055000130
C55/PLG-1,024	1	055000131



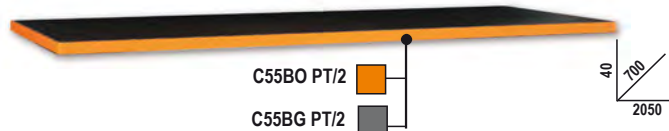
## C55B PT/2

2-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2050x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons  
Holes for a vice (1599P/150 - 1599GI/150, to be ordered separately)

43 kg

C55BO PT/2	1	055000106
C55BG PT/2	1	055000116



## C55B PT/2,8

2.8-m-long worktop for workbench, for workshop equipment combination

Painted sheet metal worktop (2850x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons  
Holes for a vice (1599P/150 - 1599GI/150, to be ordered separately)

67 kg

C55BO PT/2,8	1	055000266
C55BG PT/2,8	1	055000286



## C55RB

shockproof, non-scratch PVC coat, resistant to hydrocarbons

For protecting worktop.

C55RB/2: for 2-m-long worktop

C55RB/2.8: for 2.8-m-long worktop

C55RB/0.7: for 700x700mm worktop

C55RB/1: for 1-m-long worktop



C55RB/2	1	055000195
C55RB/2,8	1	055000196
C55RB/0,7	1	055000199
C55RB/1	1	055000198

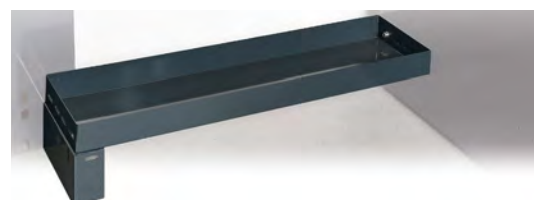
## C55B/VS

lower workbench bracket, 0.8 m long

Dimensions: 800x230x60 mm

4,2 kg

C55B/VS	1	055000095
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## C55C7

mobile roller cab with seven drawers, for workshop equipment combination

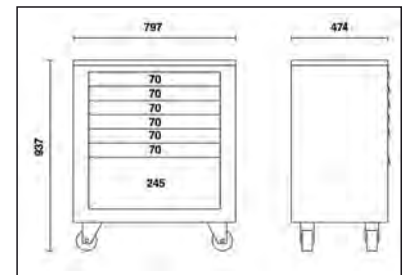
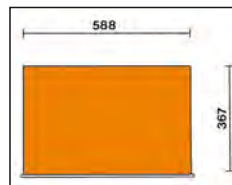
- 7 drawers (588x367 mm), with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

79 kg

1000 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55C7

1 055000201

# Beta



## C55C8

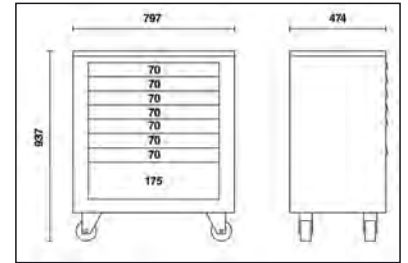
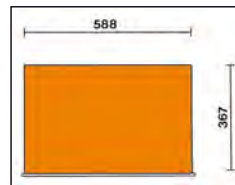
roller cab module with eight drawers, for workshop equipment combination

- 8 drawers(588x367 mm) with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

80,8 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55C8

1 055000206

## C55M2

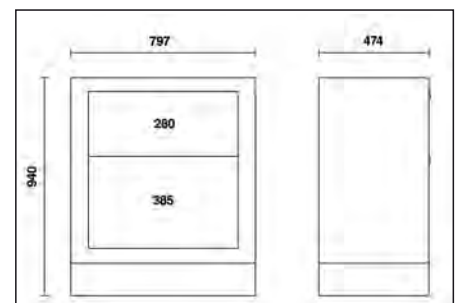
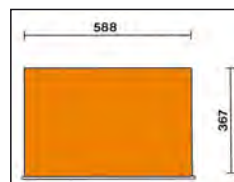
fixed module with 2 drawers, for workshop equipment combination

- 2 drawers (588x367mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

66 kg



h	max
280 mm	40 kg
385 mm	40 kg



C55M2

1 055000202

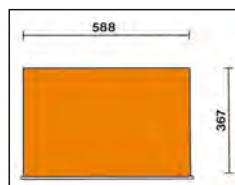
## C55M4

fixed module with 4 drawers, for workshop equipment combination

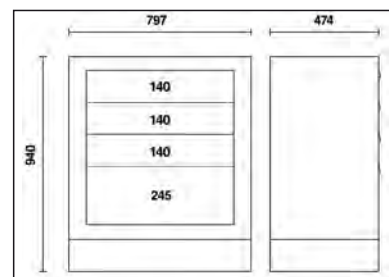
4 drawers (588x367 mm) with ball bearing slides

- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

75 kg



h	max
140 mm	30 kg
245 mm	40 kg



C55M4

1 055000212

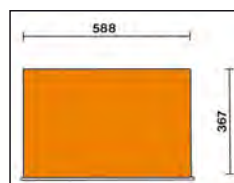
## C55M7

fixed module with seven drawers, for workshop equipment combination

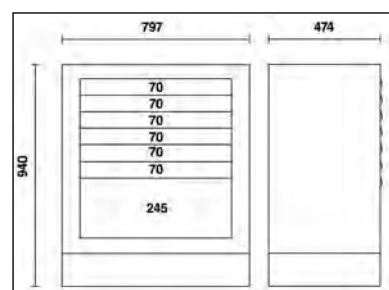
7 drawers (588x367 mm) with ball bearing slides

- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

78 kg



h	max
70 mm	30 kg
245 mm	40 kg



C55M7

1 055000203

## C55M8

fixed module with 8 drawers for workshop equipment combination

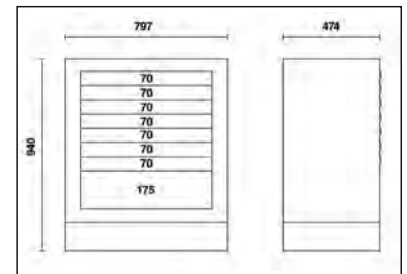
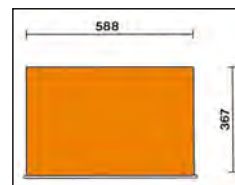
8 drawers (588x367 mm) with ball bearing slides

- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

📦 78,9 kg



h	max
70 mm	30 kg
175 mm	40 kg



C55M8

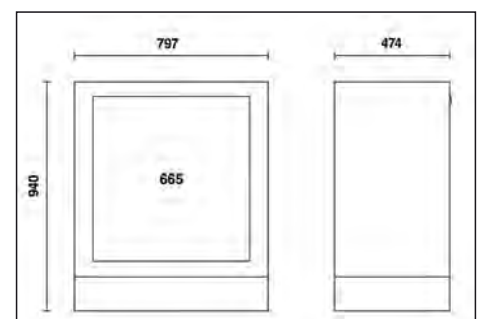
1 055000207

## C55CS

fixed sorted waste collection module for workshop equipment combination

- Pull-out waste compartment (588x465) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste

📦 61,4 kg



C55 CS

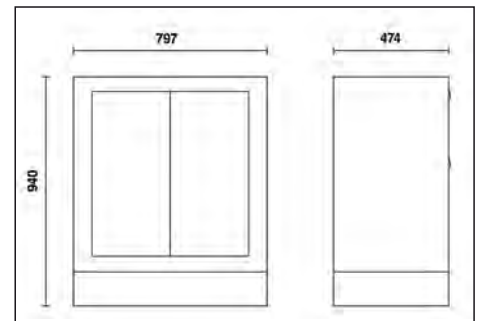
1 055000208

## C55MA

fixed two-door module, for workshop equipment combination

- Push Pull opening
- With lock • Interior shelf, vertically adjustable

75 kg



C55MA

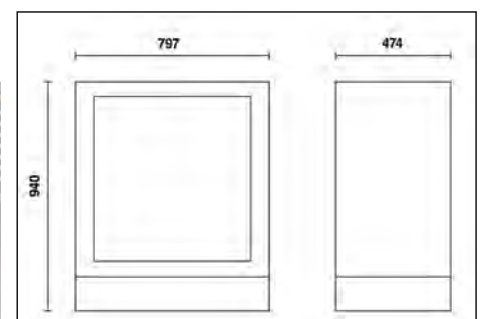
1 055000205

## C55MDO

fixed oil distribution module  
for workshop equipment combination

- 2 reels with 7m - 1/2" hose included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
- max. flow rate: 30 l/min
- viscosity: 8÷2000 mPas

93,4 kg



C55MDO

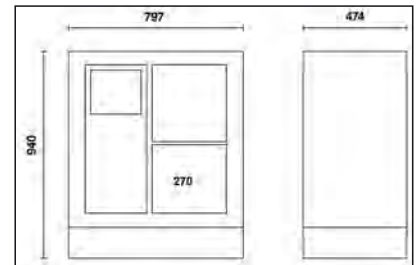
1 055000210

## C55MS

fixed service module, for workshop equipment combination

- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg



C55MS

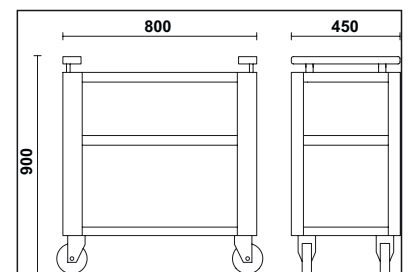
1 055000204

## C55T3

trolley

- 3 tops covered in antislip ribbed rubber
- Ergonomic handle
- Two fixing options for central worktop
- Four castors Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed between 3 shelves)

22,8 kg



C55T3

1 055000219



## C55P/MCD

double central intermediate uprights

10 kg

C55P/MCD

1 055000257



## C55P/2MDX-SX

right/left wall uprights, pair

10 kg

C55P/2MDX-SX

1 055000253



## C55PM

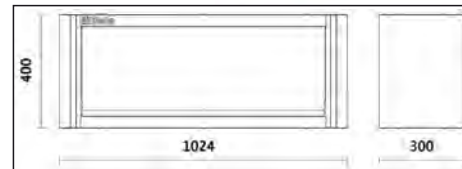
suspended cabinet for workshop equipment combination, 1 m long

• Dimensions: 1024x400x300 mm; fitted with gas springs, making it easier to open and close door

23,4 kg

C55PM

1 055000302



## C55PFA-1,0

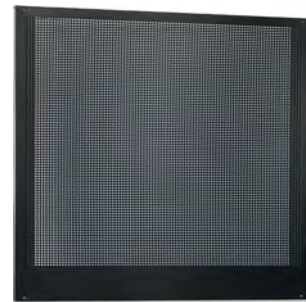
self-supporting perforated panel, 1 m long, for workshop equipment combination

Perforated steel tool panel (1024x1020x25 mm)

11 kg

C55PFA-1,0

1 055000316



## C55/PF

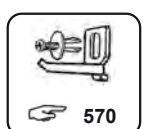
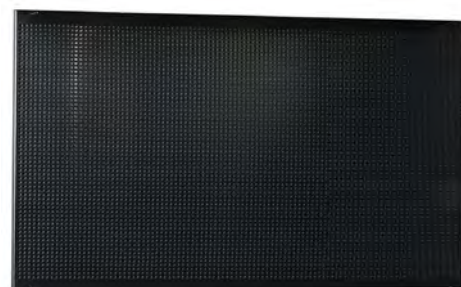
perforated under-cabinet panel for workshop equipment combination, 1 m long

• Perforated tool panel (1024x600 mm)

6 kg

C55/PF

1 055000307



## C55PT1,0X0,6

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

8 kg

C55PT1,0X0,6

1 055000314



## C55PTE-1,0

under-cabinet panel, 1 m long

Dimensions: 1024x620x25 mm

Accommodates 2 power sockets (not included)

8 kg

C55PTE-1,0

1 055000319



## C55/2PM

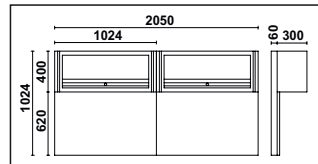
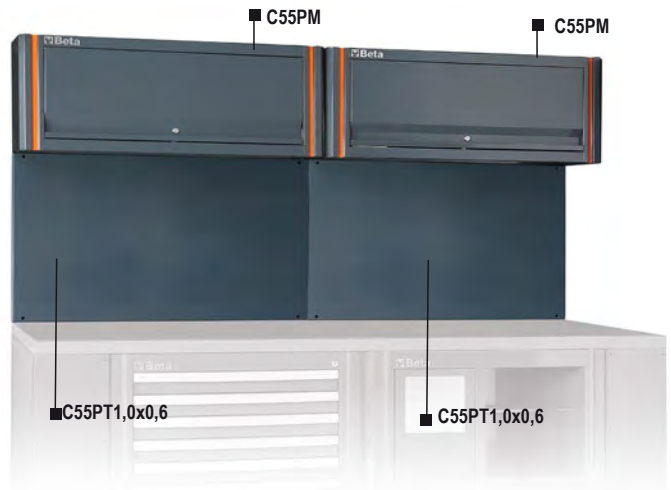
tool wall system with 2 suspended cabinets, for workshop equipment combination

- 2 suspended cabinets, 1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.
- Wall panel, 2050x620 mm; can accommodate perforated tool panels C55/PF (to be ordered separately)
- Supplied with framework
- Matches 2-m-long workbench

82,7 kg

C55/2PM

1 055000301



## C55PFA-0,8

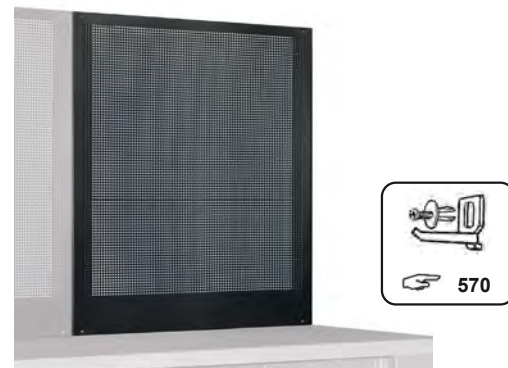
self-supporting perforated panel, 0.8 m long, for workshop equipment combination

Perforated steel tool panel (800x1020x25 mm)

10 kg

C55PFA-0,8

1 055000315



## C55PM/M0,8

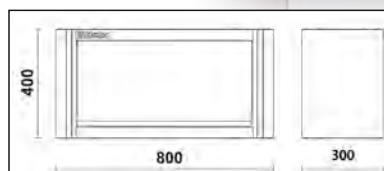
suspended cupboard, 0.8 m long, for workshop equipment combination

Dimensions: 800x400x300 mm; fitted with gas springs making it easier to open and close door

19 kg

C55PM/M0,8

1 055000312



## C55PTE-0,8

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm

Accommodates 1 power socket (not included)

6 kg

C55PTE-0,8

1 055000318



## C55PT0,8X0,6

under-cabinet panel, 0.8 m long

Dimensions: 800x620x25 mm

7,8 kg

C55PT0,8X0,6

1 055000313



## C55/1PF

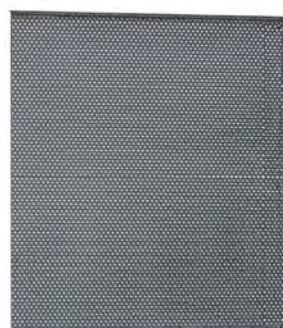
perforated tool panel, for workshop equipment combination

• Perforated tool panel (800x600 mm)

4,6 kg

C55/1PF

1 055000309

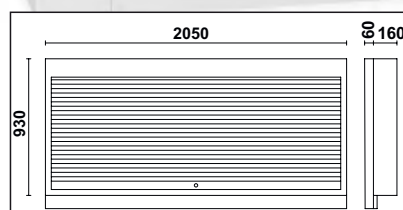


## C55PS

tool wall system with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- 50-hook GPS kit included
- Matches 2-m-long workbench

85,7 kg



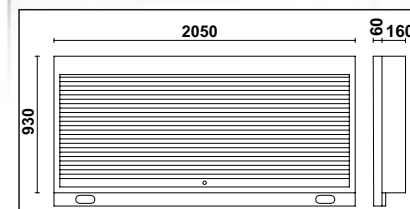
C55PS-O	1	055000250
C55PS-G	1	055000255

## C55PSE

tool wall system with shutter  
accommodating 2 power sockets

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panel
- Supplied with framework
- 50-hook GPS kit included
- Accommodates power sockets
- Matches 2-m-long workbench

85,7 kg



C55PSE-O	1	055000258
C55PSE-G	1	055000260

## C55AE

profile, 2 m long, accommodating power sockets

Dimensions: 2050x25x90mm  
Accommodates 2 power sockets

3 kg



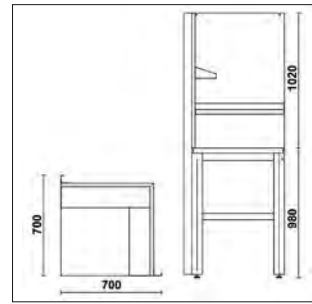
C55AE	1	055000325
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## C55AC

self-supporting complete corner

Worktop (700x700 mm) with legs  
2 upper tool wall systems complete with 2 fixing shelves (665x150 mm)

63 kg



C55AC-O  
C55AC-G

C55AC-O	1	055000360
C55AC-G	1	055000380

## C55KAI

corner worktop for workshop equipment combination

• Painted sheet metal worktop (700x700 mm) covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons

33 kg



C55KAI-O  
C55KAI-G

C55KAI-O	1	055000365
C55KAI-G	1	055000385

## C55MP

steel corner wall shelves

Dimensions: 700x160x80 mm

3 kg



C55MP	1	055000374
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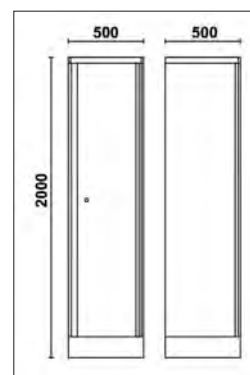
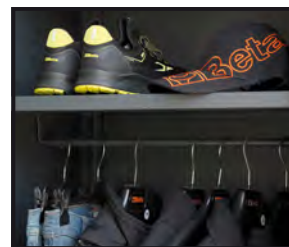
# Beta

## C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- convenient folding clothes rail under first shelf
- with lock
- usable interior dimensions: 1770x420x420 mm

47,3 kg



C55A1

1 055000411

## C55A1/R42

interior shelf for tool cabinet C55A1/C55AT1

1,9 kg



C55A1/R42

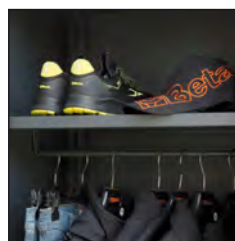
497x403 mm

1 055000461

## C55 A1/RB42

interior shelf for tool cabinet C55A1/C55AT1, with clothes rail

2,3 kg



C55 A1/RB42

mm  
497x403

1 055000463



# Beta

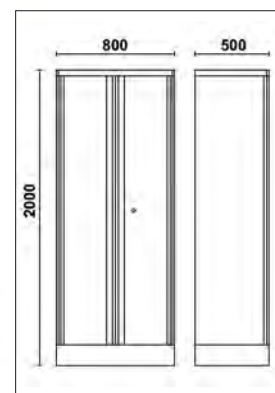


## C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1798x797x403 mm

69,5 kg



C55A2

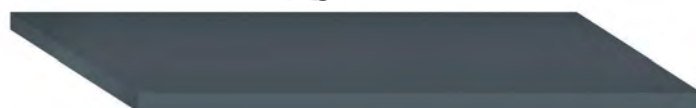
1 055000412

## C55A2/R70

interior shelf for tool cabinet C55A2/C55AT2

3,6 kg

50 kg



C55A2/R70

700x420 mm

1 055000462

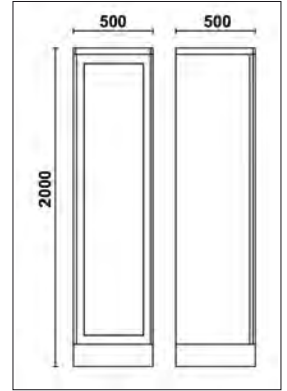
 **Beta**

## C55AT1

sheet metal tool cabinet with clear polycarbonate door, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1798x497x403 mm

41 kg



C55AT1

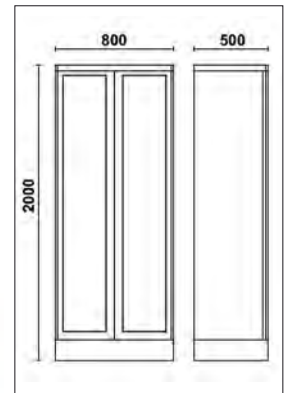
1 055000421

## C55AT2

sheet metal tool cabinet with two clear polycarbonate doors, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 1798x797x403 mm

56 kg



C55AT2

1 055000422

## C55STR

adhesive tape 25 m

allows to tailor the vertical tapes of garage furniture item C55



RAL2011  
RAL3000  
RAL6029  
RAL9016  
RAL1023  
RAL5015  
RAL1035  
RAL9006

C55STR-O/2011	Orange	1	055000901
C55STR-R/3000	Red	1	055000903
C55STR-V/6029	Green	1	055000906
C55STR-Y/1023	Yellow	1	055000905
C55STR-B/5015	Blue	1	055000904
C55STR-S/9006	Grey	1	055000902







# WORKSHOP EQUIPMENT RSC50 2.0



Beta keeps evolving in line with market trends, to successfully take up the challenges of the future.

As a result, the workshop equipment combination, RSC50, has been upgraded into **the new, revolutionary system, RSC50 2.0**. The new **70-cm-long worktop**, the three types of material to choose from (sheet metal, **multi-ply wood** and **stainless steel coated MDF**) make RSC50 2.0 a one-of-a-kind ITALIAN-MADE line.

RSC50 2.0 means a perfect combination of modern design and unparalleled functionality. Designed to satisfy today's professionals' requirements.



## QUALITY

Our acclaimed care in choosing the materials, painstaking attention for detail and, last but not least, the captivating design make the RSC50 2.0 a one-of-a-kind workshop equipment range.



## FUNCTIONALITY AND STURDINESS

The **70-cm-deep worktop** means having a large, convenient, functional work surface available. It can be fitted with a vice, thereby allowing heavy-duty jobs to be carried out.



## EFFICIENCY

**Simple, quick installation**, based on the optimized production of the various parts of the range.



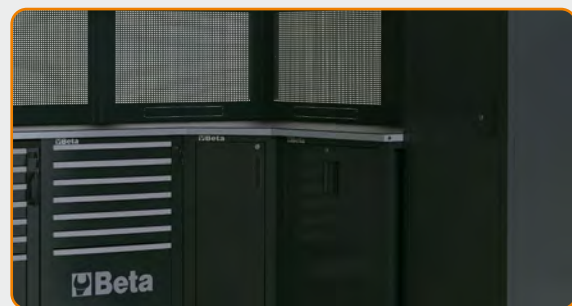
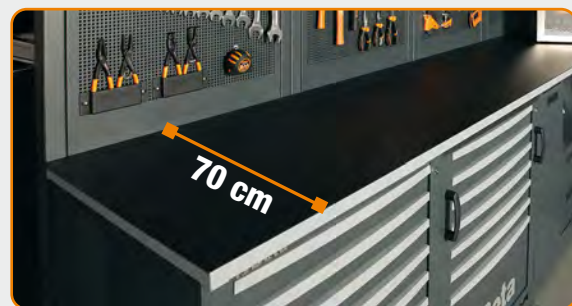
## FLEXIBILITY

Each workshop equipment combination can be extended or modified at any time as required. **You can choose the material of your worktop:** sheet metal, multi-ply wood or stainless steel coated MDF.



## COMPATIBILITY

The drawers in Beta's standard dimensions (588x367 mm) can accommodate the numerous tool modules, which are available in both soft and hard versions, made from EVA and ABS respectively.





# WORKSHOP EQUIPMENT RSC50 2.0



Configure your workshop  
in 3D online on  
**[www.beta-tools.com/rsc50](http://www.beta-tools.com/rsc50)**

The new workshop equipment range, RSC50 2.0, comprises preassembled combinations, developed by Beta for professionals; alternatively, you can design your workplace on your own, choosing from many under-bench modules, wall-mounted cabinets and furnishing accessories.

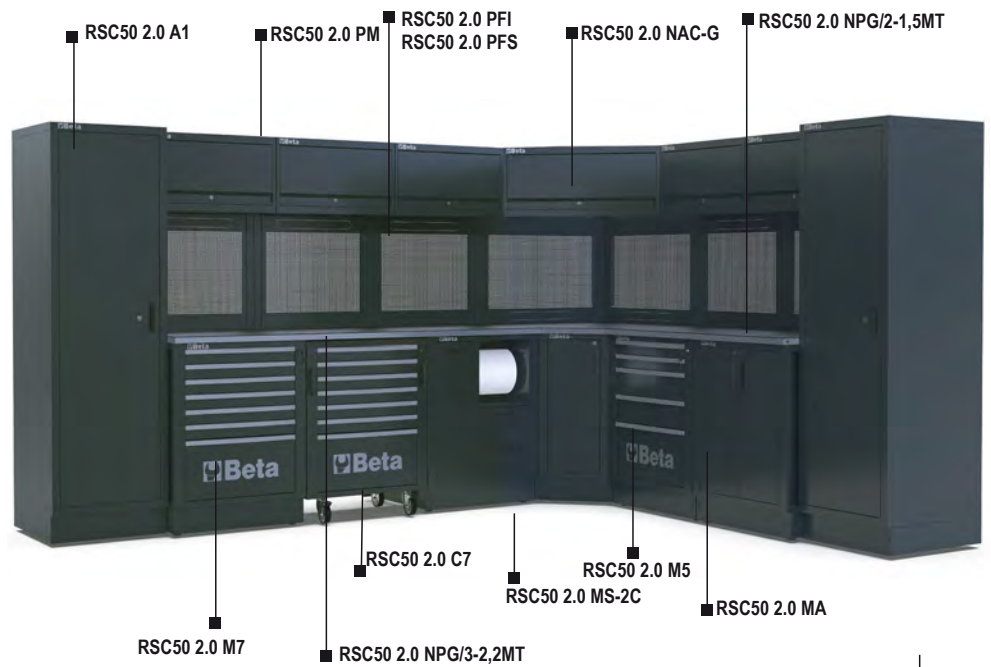
The workshop equipment range, RSC50 2.0, comprises preassembled combinations, developed by Beta for professionals; alternatively, you can design your workplace on your own, choosing from many under-bench modules, wall-mounted cabinets and furnishing accessories.

## RSC50 2.0 I

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 worktop, 1,495x700 mm (RSC50 2.0 NPG/2-1,5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 self-supporting complete corner (RSC50 2.0 NAC-G)
- 1 fixed module with 5 drawers (RSC50 2.0 M5)
- 1 fixed two-door module (RSC50 2.0 MA)
- 5 wall-mounted cabinets (RSC50 2.0 PM)
- 5 upper perforated tool panels (RSC50 2.0 PFS)
- 5 lower perforated tool panels (RSC50 2.0 PFI)
- 5 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 2 single-door cabinets (RSC50 2.0 A1)



804 kg

RSC50 2.0 I

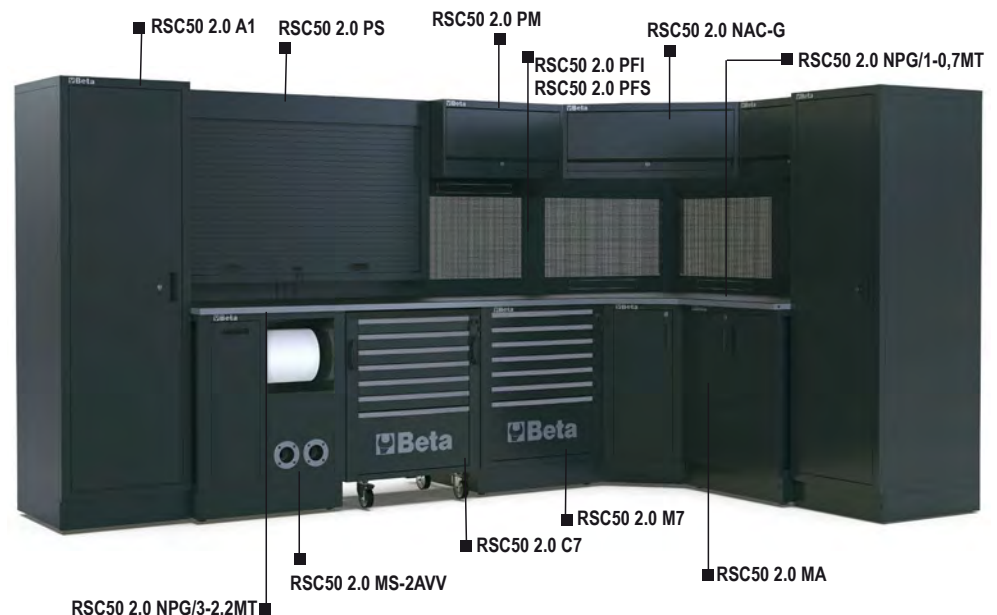
1 050001046

## RSC50 2.0 L

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 worktop, 750x700 mm (RSC50 2.0 NPG/1-0.7MT)
- 1 fixed service module (RSC50 2.0 MS-2AVV) with compressed air hose reel item 1900S 8x10 and cable reel item 1844 15-H05/SCK (included)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 self-supporting complete corner (RSC50 2.0 NAC-G)
- 1 fixed two-door module (RSC50 2.0 MA)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 2 single-door cabinets (RSC50 2.0 A1)



720 kg

RSC50 2.0 L

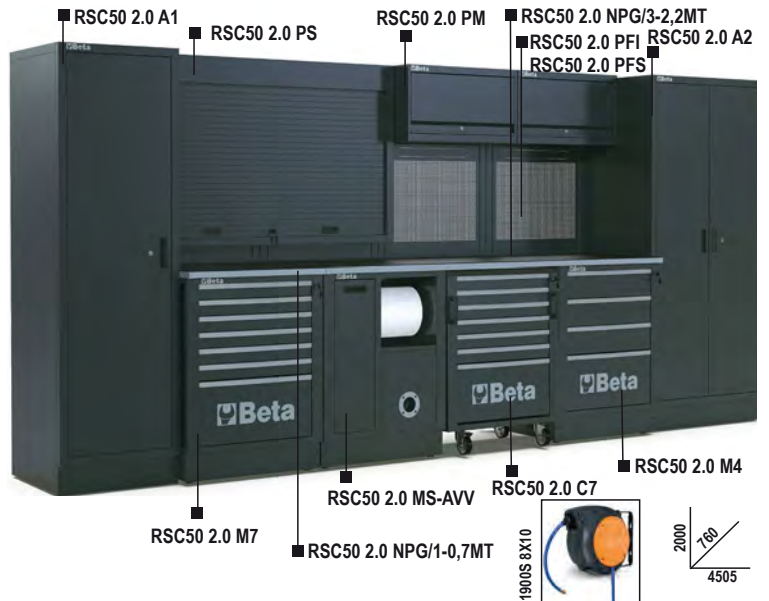
1 050001051

## RSC50 2.0

### workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 single-door cabinet (RSC50 2.0 A1)
- 1 worktop, 750x700 mm (RSC50 2.0 NPG/1-0.7MT)
- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 4 drawers (RSC50 2.0 M4)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed service module (RSC50 2.0 MS-AVV) with compressed air hose reel item 1900S 8x10 (included)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)



604 kg

RSC50 2.0

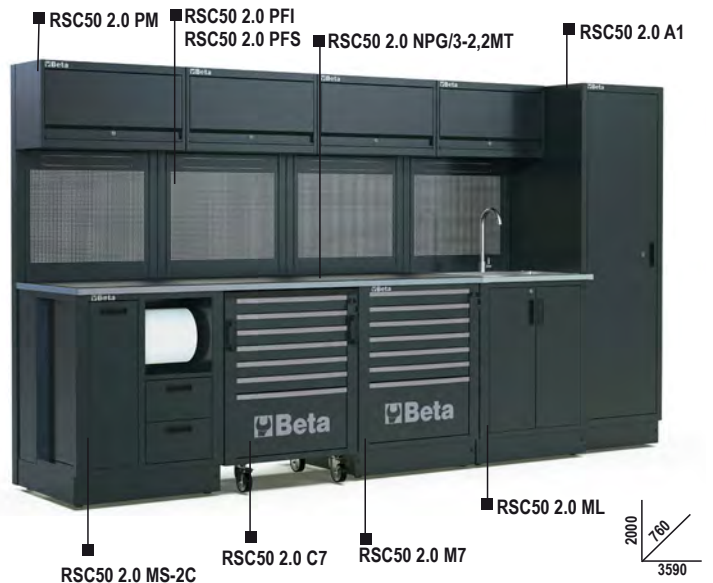
1 050001001

## RSC50 2.0 H

### workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2,2MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed module with built-in sink (RSC50 2.0 ML)
- 4 wall-mounted cabinets (RSC50 2.0 PM)
- 4 upper perforated tool panels (RSC50 2.0 PFS)
- 4 lower perforated tool panels (RSC50 2.0 PFI)
- 4 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)



464 kg

RSC50 2.0 H

1 050001041

## RSC50 2.0 G

### workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed service module (RSC50 2.0 MS-2AVV) with compressed air hose reel item 1900S 8x10 and cable reel item 1844 15-H05/SCK (included)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed module with 4 drawers (RSC50 2.0 M4)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)



416 kg

RSC50 2.0 G

1 050001036

## RSC50 2.0 F

workshop equipment combination RSC50 2.0

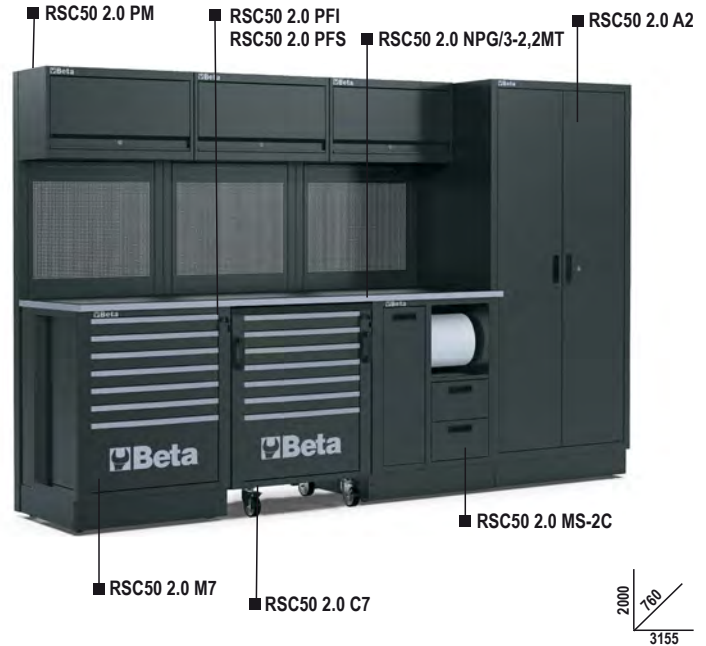
Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door cabinet (RSC50 2.0 A2)

411 kg

RSC50 2.0 F

1 050001031



## RSC50 2.0 FX

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop (2,240x700 mm) made from stainless steel coated MDF (RSC50 2.0 PX/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door tool cabinet (RSC50 2.0 A2)

405 kg

RSC50 2.0 FX

1 050001032



## RSC50 2.0 FW

workshop equipment combination RSC50 2.0

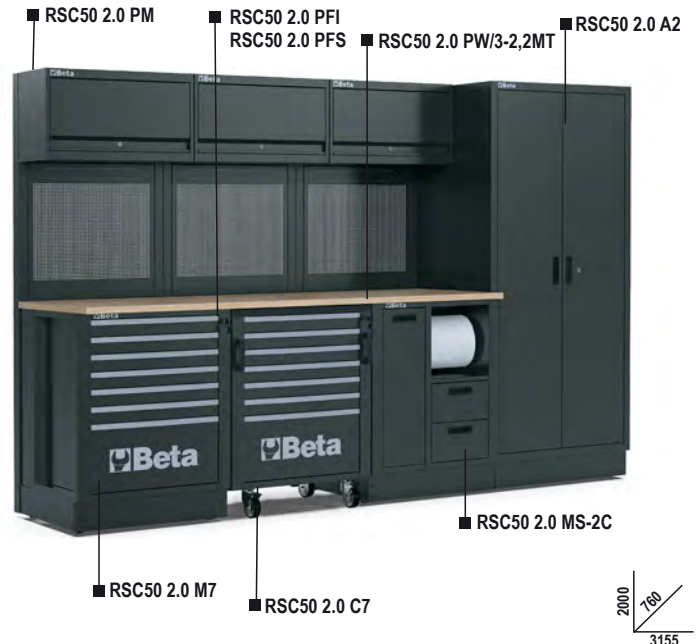
Combination comprising the following:

- 1 worktop (2,240x700 mm) made from multi-ply wood (RSC50 2.0 PW/3-2.2MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 mobile roller cab with 7 drawers (RSC50 2.0 C7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 two-door tool cabinet (RSC50 2.0 A2)

386 kg

RSC50 2.0 FW

1 050001033



## RSC50 2.0 E

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 2,240x700 mm (RSC50 2.0 NPG/3-2.2MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 3 wall-mounted cabinets (RSC50 2.0 PM)
- 3 upper perforated tool panels (RSC50 2.0 PFS)
- 3 lower perforated tool panels (RSC50 2.0 PFI)
- 3 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)

310 kg

RSC50 2.0 E

1 050001026



## RSC50 2.0 D

workshop equipment combination RSC50 2.0

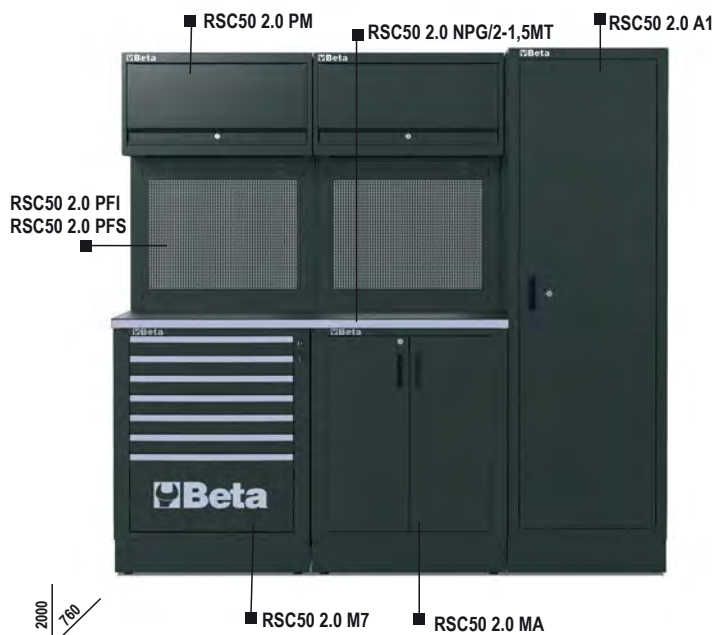
Combination comprising the following:

- 1 worktop, 1,495x700 mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed module with 5 drawers (RSC50 2.0 M5)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)

276 kg

RSC50 2.0 D

1 050001021



## RSC50 2.0 DX

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop (1,495x700 mm) made from stainless steel coated MDF (RSC50 2.0 PX/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 one-door tool cabinet (RSC50 2.0 A1)

275 kg

RSC50 2.0 DX

1 050001023



## RSC50 2.0 DW

workshop equipment combination RSC50 2.0

Combination comprising the following:

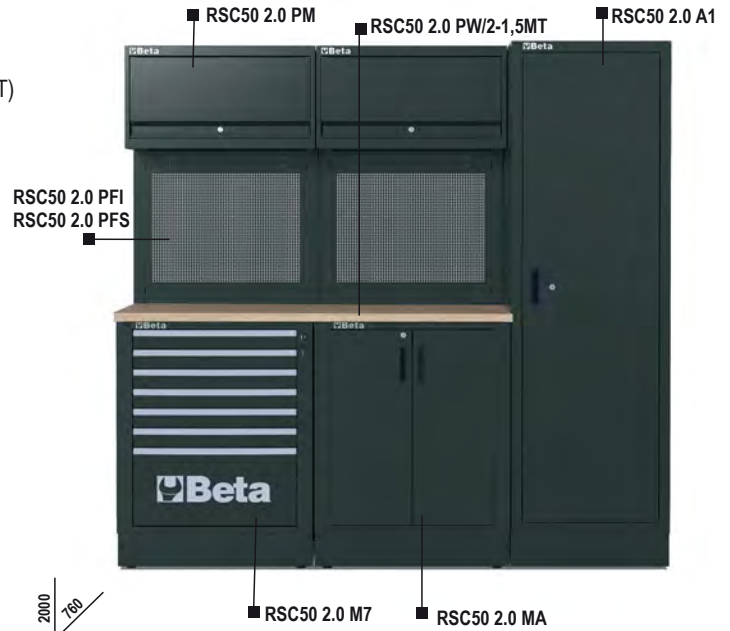
- 1 worktop (1,495x700 mm) made from multi-ply wood (RSC50 2.0 PW/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed two-door module (RSC50 2.0 MA)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 one-door tool cabinet (RSC50 2.0 A1)

263 kg

RSC50 2.0 DW

1 050001024

2000  
700  
2095



## RSC50 2.0 C

workshop equipment combination RSC50 2.0

Combination comprising the following:

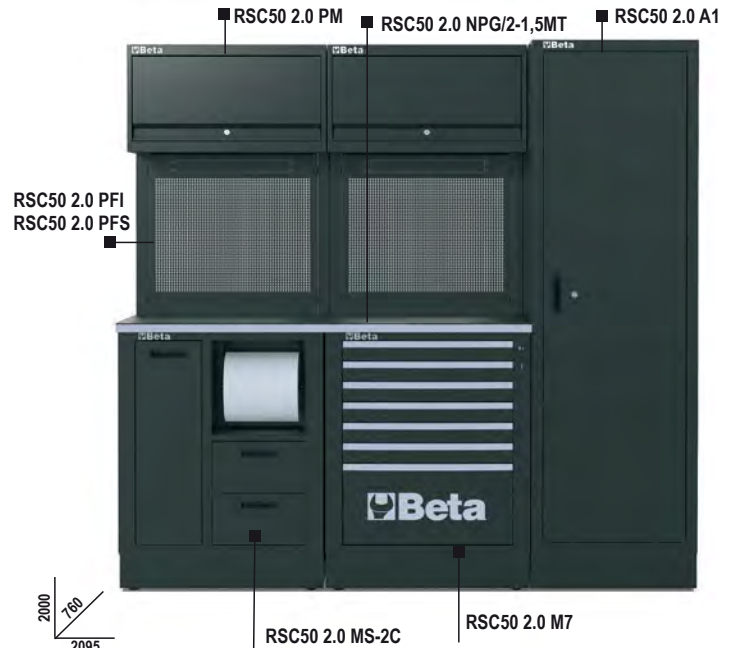
- 1 worktop, 1,495x700 mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)
- 1 single-door cabinet (RSC50 2.0 A1)

279 kg

RSC50 2.0 C

1 050001016

2000  
700  
2095



## RSC50 2.0 B

workshop equipment combination RSC50 2.0

Combination comprising the following:

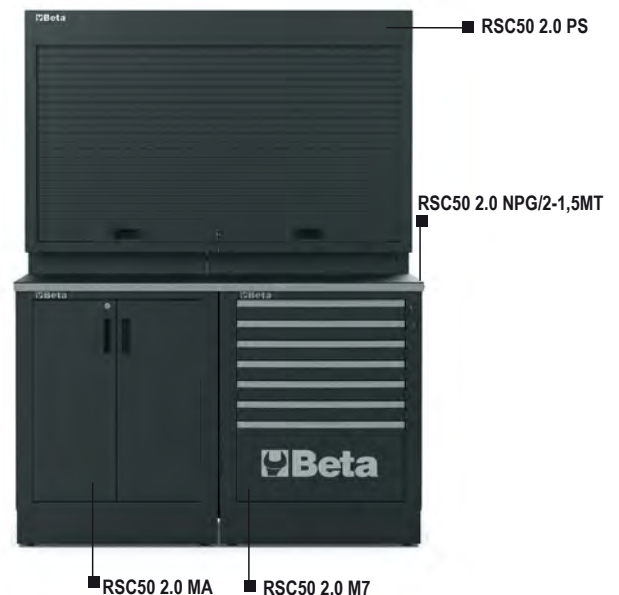
- 1 worktop, 1,495x700 mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed two-door module (RSC50 2.0 MA)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 tool wall system with aluminium shutter and framework (RSC50 2.0 PS)

224 kg

RSC50 2.0 B

1 050001011

2000  
700  
1495



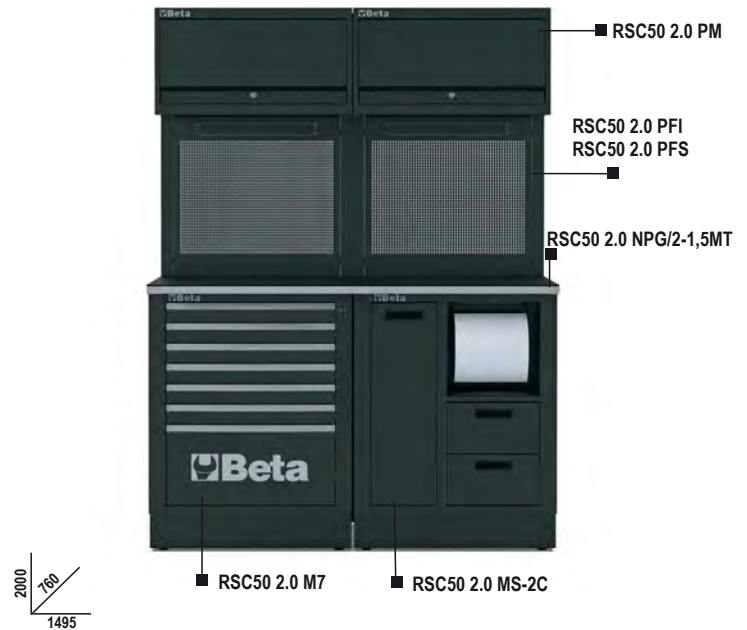
## RSC50 2.0 A

workshop equipment combination RSC50 2.0

Combination comprising the following:

- 1 worktop, 1,495x700 mm (RSC50 2.0 NPG/2-1.5MT)
- 1 fixed module with 7 drawers (RSC50 2.0 M7)
- 1 fixed service module with 2 drawers (RSC50 2.0 MS-2C)
- 2 wall-mounted cabinets (RSC50 2.0 PM)
- 2 upper perforated tool panels (RSC50 2.0 PFS)
- 2 lower perforated tool panels (RSC50 2.0 PFI)
- 2 pairs of right/left uprights (RSC50 2.0 P/2MDX-SX)

212 kg



RSC50 2.0 A

1 050001006

## RSC50 2.0 NP/1-0,7MT

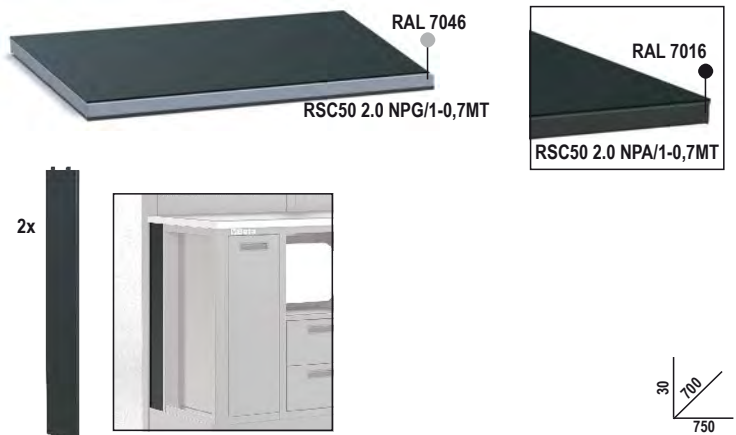
worktop made from sheet metal, 0.75 m long, for workbench, for workshop equipment combination RSC50 2.0

Worktop (750x700 mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons. Supplied complete with two exterior side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately). Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules.

16,7 kg

RSC50 2.0 NPA/1-0,7MT 1 050001117  
RSC50 2.0 NPG/1-0,7MT 1 050001118



## RSC50 2.0 NP/2-1,5MT

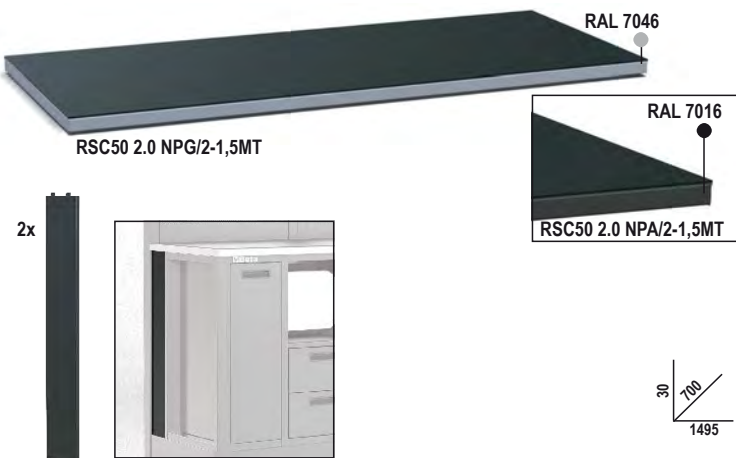
worktop made from sheet metal, 1.5 m long, for workbench, for workshop equipment combination RSC50 2.0

Worktop (1,495x700 mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons. Supplied complete with two side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately). Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules.

31 kg

RSC50 2.0 NPA/2-1,5MT 1 050001124  
RSC50 2.0 NPG/2-1,5MT 1 050001125



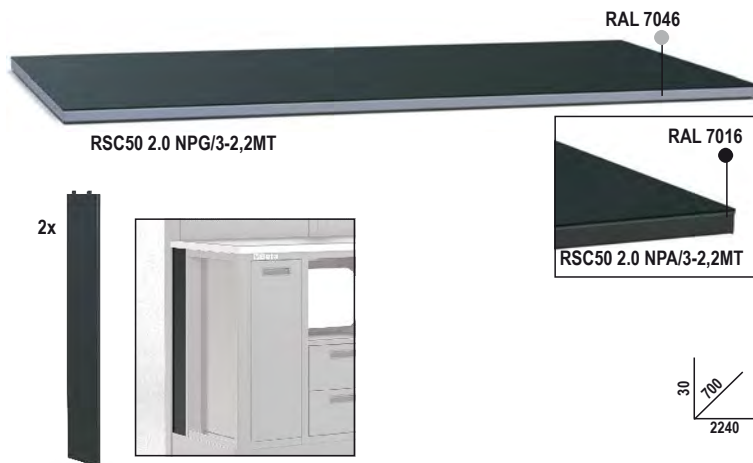


## RSC50 2.0 NP/3-2,2MT

worktop made from sheet metal, 2.2 m long,  
for workbench, for workshop equipment combination RSC50 2.0

Worktop (2,240x700 mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons. Supplied complete with two exterior side pads.

Holes on both sides for a vice (1599P/125, to be ordered separately). Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light under-workbench modules.



49,6 kg

RSC50 2.0 NPA/2-2,2MT	1	050001132
RSC50 2.0 NPG/2-2,2MT	1	050001133

## RSC50 2.0 PW/1-0,7MT

worktop made from multi-ply wood, 0.75 m long,  
for workbench, for workshop equipment combination RSC50 2.0

Worktop (750x700 mm) made from multi-ply wood. Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

7 kg

RSC50 2.0 PW/1-0,7MT	1	050001126
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## RSC50 2.0 PX/1-0,7MT

worktop made from stainless steel coated MDF, 0.75 m long,  
for workbench,  
for workshop equipment combination RSC50 2.0

Worktop (750x700 mm) made from stainless steel coated MDF. Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

13,5 kg

RSC50 2.0 PX/1-0,7MT	1	050001127
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## RSC50 2.0 PW/2-1,5MT

worktop made from multi-ply wood, 1.5 m long,  
for workbench, for workshop equipment combination RSC50 2.0

Worktop (1,495x700 mm) made from multi-ply wood. Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

14,5 kg

RSC50 2.0 PW/2-1,5MT	1	050001130
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## RSC50 2.0 PX/2-1,5MT

worktop made from stainless steel coated MDF, 1.5 m long, for  
workshop equipment combination RSC50 2.0

Worktop (1,495x700 mm) made from stainless steel coated MDF. Supplied complete with two exterior side pads.

Can accommodate a vice (1599P/125, to be ordered separately)

27 kg

RSC50 2.0 PX/2-1,5MT	1	050001131
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## RSC50 2.0 PW/3-2,2MT

worktop made from multi-ply wood, 2.2 m long, for workbench, for workshop equipment combination RSC50 2.0

Worktop (2,240x700 mm) made from multi-ply wood  
Supplied complete with two exterior side pads.



Can accommodate a vice (1599P/125, to be ordered separately)

21 kg

RSC50 2.0 PW/3-2,2MT

1 050001136

## RSC50 2.0 PX/3-2,2MT

worktop made from stainless steel coated MDF, 2.2 m long, for workbench, for workshop equipment combination RSC50 2.0

Worktop (2,240x700 mm) made from stainless steel coated MDF.  
Supplied complete with two exterior side pads.



Can accommodate a vice (1599P/125, to be ordered separately)

40,5 kg

RSC50 2.0 PX/3-2,2MT

1 050001137

## RSC50 2.0 RB

shock-proof, non-scratch PVC coat, resistant to hydrocarbons, for workshop equipment combination RSC50

A must-have for protecting worktops.

RSC50 RB/0.63: for corner worktop, 630x630 mm

RSC50 RB/0.75: for 750-mm-long worktop

RSC50 RB/1.5: for 1,495-mm-long worktop

RSC50 RB/2.2: for 2,240-mm-long worktop



RSC50 RB/0,63

1 050001140

RSC50 RB/0,75

1 050001141

RSC50 RB/1,5

1 050001142

RSC50 RB/2,2

1 050001143

## RSC50 2.0 C5

mobile roller cab with 5 drawers, for workshop equipment combination RSC50 2.0

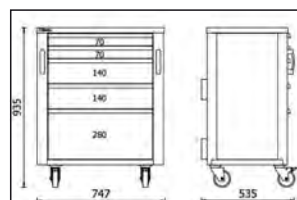
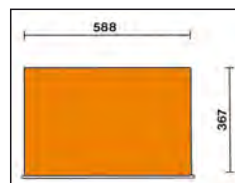
- 5 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

58 kg

RSC50 2.0 C5

1 050001205

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



800 kg



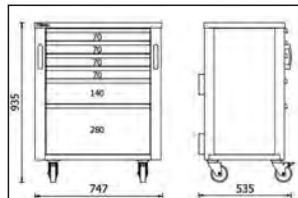
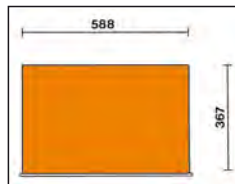
## RSC50 2.0 C6

mobile roller cab with 6 drawers, for workshop equipment combination  
RSC50 2.0

- 6 drawers (588x367 mm) with ball bearing slides
- 4 steering castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

61 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



800 kg



RSC50 2.0 C6

1 050001206

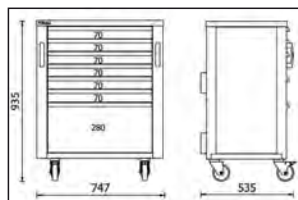
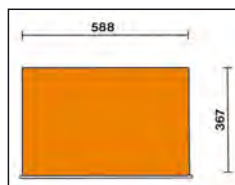
## RSC50 2.0 C7

mobile roller cab with 7 drawers, for workshop equipment combination  
RSC50 2.0

- 7 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

62 kg

h	max
70 mm	25 kg
280 mm	35 kg



800 kg



RSC50 2.0 C7

1 050001207

**Beta**

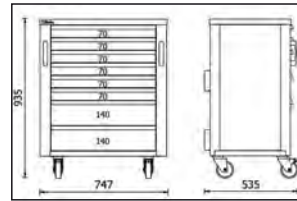
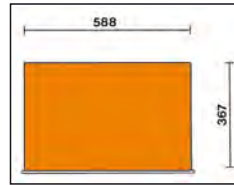
## RSC50 2.0 C8

mobile roller cab with 8 drawers, for workshop equipment combination  
RSC50 2.0

- 8 drawers (588x367 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Handles built into frame for improved ease of handling
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

64 kg

h	max
70 mm	25 kg
140 mm	30 kg



RSC50 2.0 C8

1 050001208

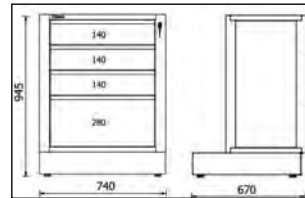
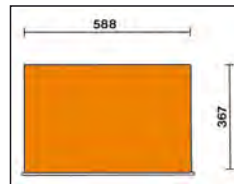
## RSC50 2.0 M4

fixed module with 4 drawers, for workshop equipment combination  
RSC50 2.0

- 4 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

61,5 kg

h	max
140 mm	30 kg
280 mm	35 kg



RSC50 2.0 M4

1 050001264

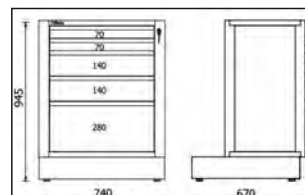
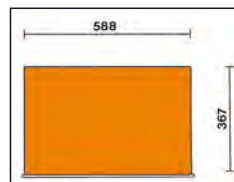
## RSC50 2.0 M5

fixed module with 5 drawers, for workshop equipment combination  
RSC50 2.0

- 5 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

63,5 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



RSC50 2.0 M5

1 050001265

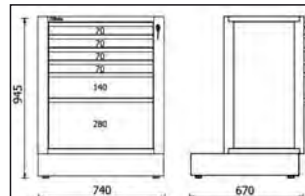
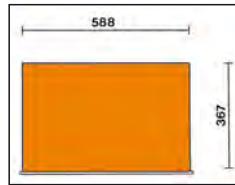
## RSC50 2.0 M6

fixed module with 6 drawers, for workshop equipment combination  
RSC50 2.0

- 6 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

65,5 kg

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



RSC50 2.0 M6

1 050001226

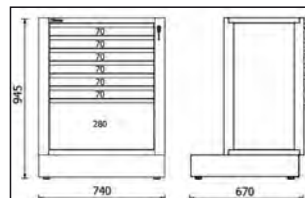
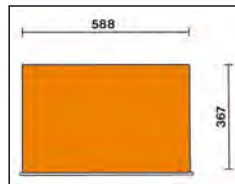
## RSC50 2.0 M7

fixed module with 7 drawers, for workshop equipment combination  
RSC50 2.0

- 7 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

67,5 kg

h	max
70 mm	25 kg
280 mm	35 kg



RSC50 2.0 M7

1 050001267

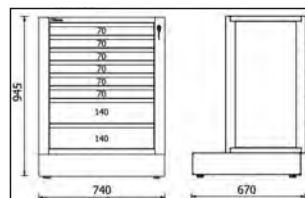
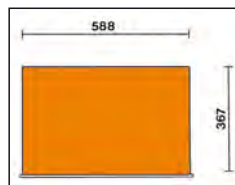
## RSC50 2.0 M8

fixed module with 8 drawers, for workshop equipment combination  
RSC50 2.0

- 8 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

69,5 kg

h	max
70 mm	25 kg
140 mm	30 kg



RSC50 2.0 M8

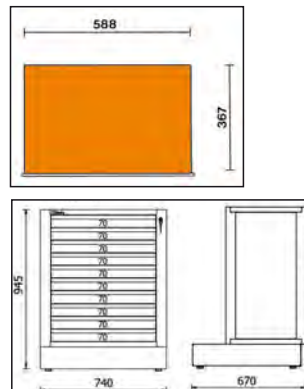
1 050001268

## RSC50 2.0 M10

fixed module with 10 drawers, for workshop equipment combination RSC50 2.0

- 10 drawers (588x367 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Each drawer can accommodate up to 4 EVA foam or ABS thermoformed trays

h	max
70 mm	25 kg



76 kg

RSC50 2.0 M10



1 050001231

## RSC50 2.0 MS-2C

fixed service module, for workshop equipment combination RSC50 2.0

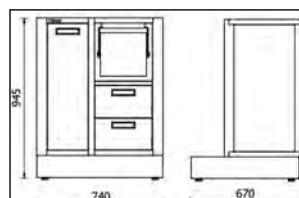
- Built-in waste bin
- Paper roll compartment
- Two drawers, 310x370 mm, 180 mm high, with ball bearing slides (interior dimensions)
- With vertically adjustable feet

49 kg

RSC50 2.0 MS-2C



1 050001283



## RSC50 2.0 MS-AVV

fixed service module, for workshop equipment combination RSC50 2.0, empty

Can accommodate one reel, to be chosen from the following models:

- compressed air hose reel item 1900S 8x10
- cable reels items 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1844 15-H05/SCK, 1844 15-H07/SCK, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05

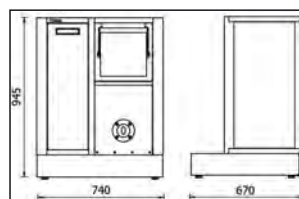
- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

49 kg

RSC50 2.0 MS-AVV



1 050001281



## RSC50 2.0 MS-2AVV

fixed service module, for workshop equipment combination RSC50 2.0, empty

Can accommodate two reels, to be chosen from the following models:

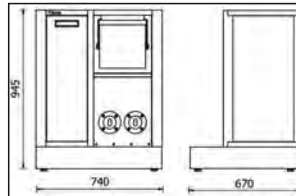
- compressed air hose reel item 1900S 8x10
- cable reels items 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1844 15-H05/SCK, 1844 15-H07/SCK, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

50 kg

RSC50 2.0 MS-2AVV

1 050001282



## RSC50 2.0 MA

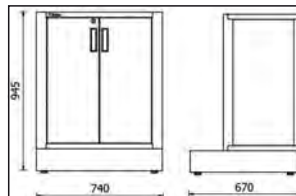
fixed two-door module, for workshop equipment combination RSC50 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 615x435x740 mm
- With vertically adjustable feet

46 kg

RSC50 2.0 MA

1 050001262



## RSC50 2.0 CS

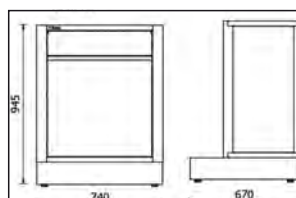
fixed sorted waste collection module, for workshop equipment combination RSC50 2.0

- Pull-out waste compartment (588x355x580 mm) with ball bearing slides
- 2 capacious pull-out interior containers for sorting waste
- With vertically adjustable feet

48 kg

RSC50 2.0 CS

1 050001285



## RSC50 2.0 ML

fixed module with built-in sink, for workshop equipment combination  
RSC50 2.0

Technical specifications:

- Stainless steel basin
- Supplied complete with:
  - 1 mixer tap
  - 1 drain unit
  - 1 sink stopper
  - 1 filter cap
  - 1 soap dispenser

Fixed two-door module with lock:

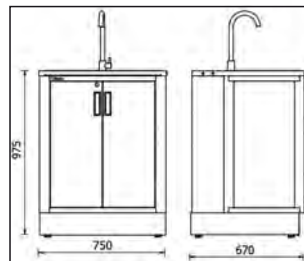
- Usable interior dimensions: 615x435x575 mm
- With vertically adjustable feet

39 kg

RSC50 2.0 ML



050001284



## RSC50 2.0 MDO

fixed oil distribution module for workshop equipment combination  
RSC50 2.0

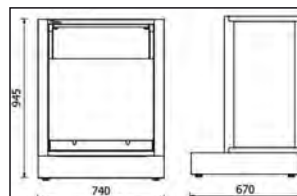
- 2 hose reels 7 m - 1/2" included
- Complete with 2 guns with digital litre counter and automatic drip catcher.
  - Max. flow rate: 30 l/min
  - Viscosity: 8÷2000 mPas
- With vertically adjustable feet

92 kg

RSC50 2.0 MDO



050001290



## RSC50 2.0 T3

3-tier tool trolley, for workshop equipment combination RSC50 2.0

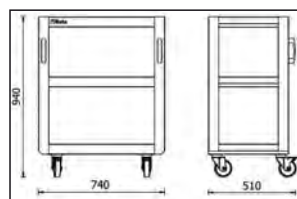
- 4 swivel castors, Ø 100 mm (two with brakes)
- Static load capacity: 200 kg (distributed over 3 shelves)

23 kg

RSC50 2.0 T3



050001253





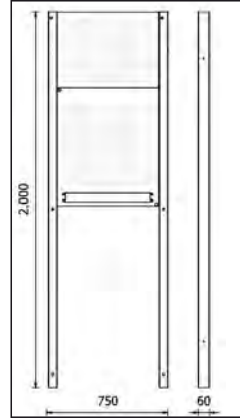
## RSC50 2.0 KPF

kit of perforated tool panels, for workshop equipment combination RSC50 2.0

Kit contents:

- One upper perforated tool panel, 650x400x25 mm
- One lower perforated tool panel, 650x625x25 mm, can accommodate a 19" rack multi-socket (not included)
- One pair of right/left uprights

17,5 kg



RSC50 2.0 KPF

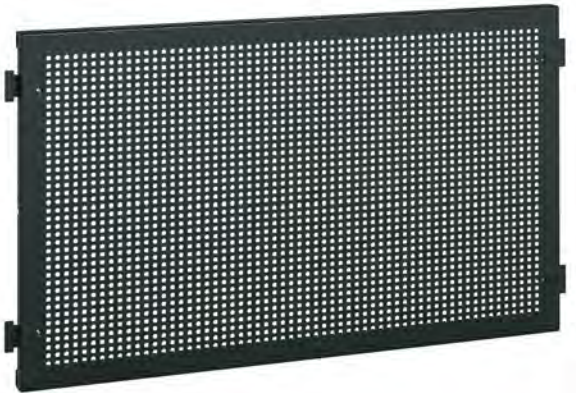


## RSC50 2.0 PFS

upper perforated tool panel, for workshop equipment combination RSC50 2.0

- Perforated tool panel, 650x400x25 mm

3 kg



RSC50 2.0 PFS



## RSC50 2.0 PFI

lower perforated tool panel, for workshop equipment combination RSC50 2.0

- Lower perforated tool panel, 650x625x25 mm
- Can accommodate a 19" rack multi-socket (not included)

4,5 kg



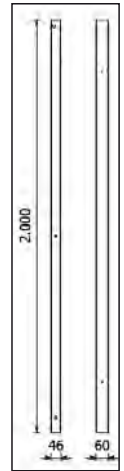
RSC50 2.0 PFI



## RSC50 2.0 P/2MDX-SX

pair of right/left uprights for perforated tool wall systems, for workshop equipment combination RSC50 2.0

8,5 kg



RSC50 2.0 P/2MDX-SX

1 050001352

## RSC50 2.0 PM

wall-mounted cabinet, for workshop equipment combination RSC50 2.0

- Dimensions: 740x300x400 mm
- Fitted with gas springs, making it easier to open and close door
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath and/or interior of suspended cabinet.

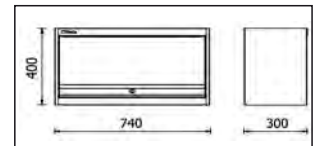
15 kg



30 kg

RSC50 2.0 PM

1 050001302



## RSC50 2.0 MTP

triangular shelf, for workshop equipment combination RSC50 2.0

- Dimensions: 740x300x400 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath

5 kg



10 kg

RSC50 2.0 MTP

1 050001305



# Beta

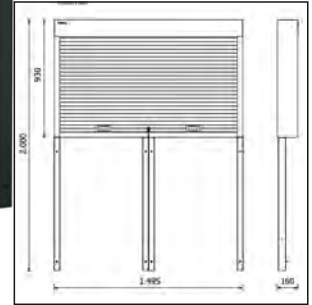


## RSC50 2.0 PS

tool wall system with shutter, for workshop equipment combination  
RSC50 2.0

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated tool panels
- Supplied with framework
- 50-hook GPS kit included

80 kg



RSC50 2.0 PS

1 050001360

## RSC50 2.0 NAC

self-supporting complete corner, for workshop equipment combination  
RSC50 2.0

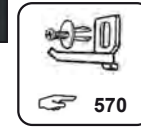
- Corner worktop (964x964) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

143 kg

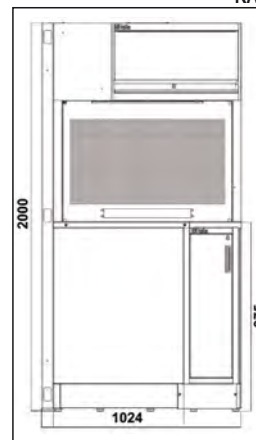


RSC50 2.0 NAC-A

RAL 7016



RAL 7046



RSC50 2.0 NAC-G

RSC50 2.0 NAC-A

1 050001339

RSC50 2.0 NAC-G

1 050001340



**Beta**

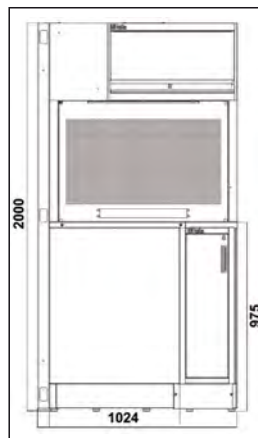


## RSC50 2.0 NAC-W

self-supporting complete corner, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from multi-ply wood
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

139 kg



RSC50 2.0 NAC-W

RSC50 2.0 NAC-W



1

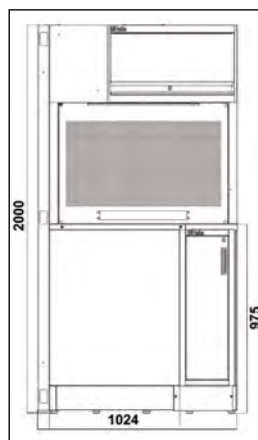
050001327

## RSC50 2.0 NAC-X

self-supporting complete corner, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from stainless steel coated MDF
- Suspended corner cabinet with lock and gas springs, making it easier to open and close door
- 2 perforated tool panels (869x1,027 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

148 kg



RSC50 2.0 NAC-X

RSC50 2.0 NAC-X



1

050001328

## RSC50 2.0 KNAI

lower corner module, for workshop equipment combination RSC50 2.0

- Worktop (964x964 mm) made from painted sheet metal covered with a shockproof, non-scratch PVC coat, resistant to hydrocarbons
- Fixed corner module with large storage compartment
- With vertically adjustable feet

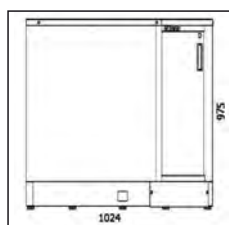
80 kg



RAL 7046

RAL 7016

RSC50 2.0 KNAI-A



RSC50 2.0 KNAI-G

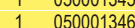
RSC50 2.0 KNAI-A



1

050001345

RSC50 2.0 KNAI-G



1

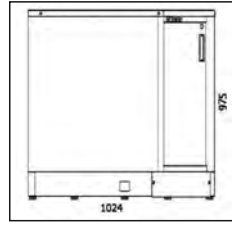
050001346

## RSC50 2.0 KNAI-W

lower corner module, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from multi-ply wood
- Fixed corner module with large storage compartment
- With vertically adjustable feet

76 kg



RSC50 2.0 KNAI-W

RSC50 2.0 KNAI-W

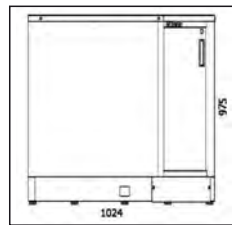
1 050001337

## RSC50 2.0 KNAI-X

lower corner module, for workshop equipment combination RSC50 2.0

- Corner worktop (964x964 mm) made from stainless steel coated MDF
- Fixed corner module with large storage compartment
- With vertically adjustable feet

85 kg



RSC50 2.0 KNAI-X

RSC50 2.0 KNAI-X

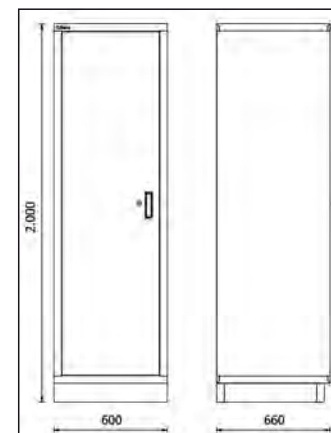
1 050001338

## RSC50 2.0 A1

sheet metal single-door tool cabinet, for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- Convenient folding clothes rail under first shelf
- With lock
- Interior dimensions: 590x615 mm
- With vertically adjustable feet

67 kg



RSC50 2.0 A1

1 050001411

## RSC50 2.0 A1/R59

interior shelf for tool cabinet RSC50 A1

3,1 kg



RSC50 2.0 A1/R59 605x596 mm

1 050001913

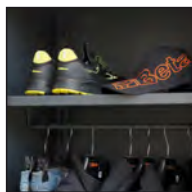
## RSC50 2.0 A1/RB59

interior shelf for tool cabinet RSC50 A1, with clothes rail

3,4 kg

RSC50 2.0 A1/RB59 605x596 mm

1 050001914



## RSC50 2.0 A2

sheet metal two-door tool cabinet, for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- With lock
- Interior dimensions: 910x615 mm
- With vertically adjustable feet

85 kg

RSC50 2.0 A2

1 050001412



## RSC50 2.0 A2/3C

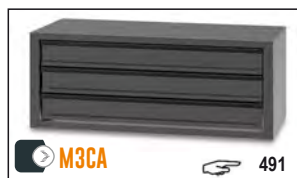
sheet metal two-door tool cabinet with 3 drawers, for workshop equipment combination RSC50 2.0

- 4 removable, vertically adjustable shelves
- **Supplied complete with 3-drawer (681x360 mm) module**
- Front lock
- Interior dimensions: 910x615 mm
- With vertically adjustable feet

105,50 kg

RSC50 2.0 A2/3C

1 050001413



## RSC50 2.0 A2/R91

interior shelf for tool cabinet RSC50 A2

4,2 kg

RSC50 2.0 A2/R91 911x596 mm

1 050001915



## 5000 RSC50 2.0/MP

shelf, for workshop equipment combination RSC50 2.0

- Dimensions: 740x140x80 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath

2,0 kg

5000 RSC50 2.0/MP

1 050001705



## 5000 RSC50/MPA140

corner shelf, 140 mm deep, for workshop equipment combination RSC50

- Dimensions: 630x630x35 mm, 140 mm deep
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath

3,8 kg

5000 RSC50/MPA140

1 050001706



## 5000 RSC50 2.0/CLL

linear guard for workshop equipment combination RSC50 2.0

- Dimensions: 740x125x30 mm
- To be applied to perforated tool panels
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath

1 kg

5000 RSC50 2.0/CLL

1 050001710



## 5000 RSC50/CAL

corner guard, for workshop equipment combination RSC50

- Dimensions: 655x655x30 mm
- Designed for application of aluminium profiles with LED strip item 5000 RSC50 2.0/PLEDC or 5000 RSC50 2.0/PLED-ST (to be ordered separately), to light working area beneath

1,2 kg

5000 RSC50/CAL

1 050001711



## 5000 RSC50 2.0/KFC

kit of 10 coloured drawer fronts, for workshop equipment combination RSC50 2.0

To customize colour of drawer fronts for workshop equipment combination RSC50 2.0.

Recommended for use in combination with worktops in anthracite grey RAL7016 (-A).

5000 RSC50 2.0/KFC2011		1	050001731
5000 RSC50 2.0/KFC3000		1	050001733
5000 RSC50 2.0/KFC5015		1	050001734
5000 RSC50 2.0/KFC7016		1	050001737



1 050001731  
1 050001733  
1 050001734  
1 050001737

10x





# WORKSHOP EQUIPMENT C45PRO 2.0

## WE ARE PROUD TO INTRODUCE THE 2.0 VERSION OF OUR SUCCESSFUL RANGE, C45PRO.

Based on the new **61.5-cm-long worktop**, this range stands out as even more convenient and professional, with a view to increasingly meeting the most demanding professionals' requirements.

The modular workshop equipment, **C45PRO 2.0**, allows you to create your own work environment according to both the amount of space you have available and your usage requirements.

This simple, flexible range based on predetermined combinations, can be expanded or changed in time. Alternatively, you can fully customize your workstation, starting with the worktops – available in stainless steel coated MDF or multi-ply wood – and supplementing them with the numerous parts and accessories you can choose from.

**Tailor your work environment to suit your needs.  
Make your workshop or garage look different.  
Choose from the preassembled solutions  
or create your workstation from scratch.**



### Configure your workshop online



go to [www.beta-tools.com](http://www.beta-tools.com)

# Beta

## C45PRO 2.0

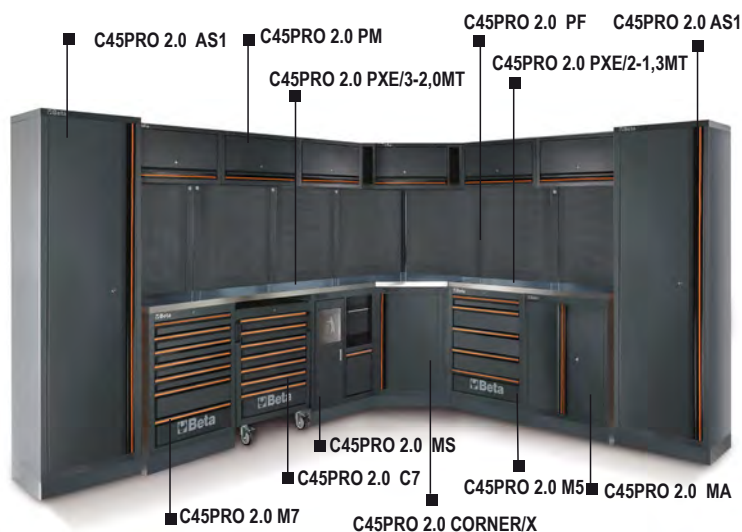
### C45PRO 2.0 DX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- 1 stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 PXE/2-1.3MT)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 fixed module with 5 drawers (C45PRO 2.0 M5)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 5 perforated tool panels (C45PRO 2.0 PF)
- 5 wall-mounted cabinets (C45PRO 2.0 PM)
- 7 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

640 kg





## C45PRO 2.0 DW

workshop equipment combination C45PRO 2.0

Combination comprising the following:

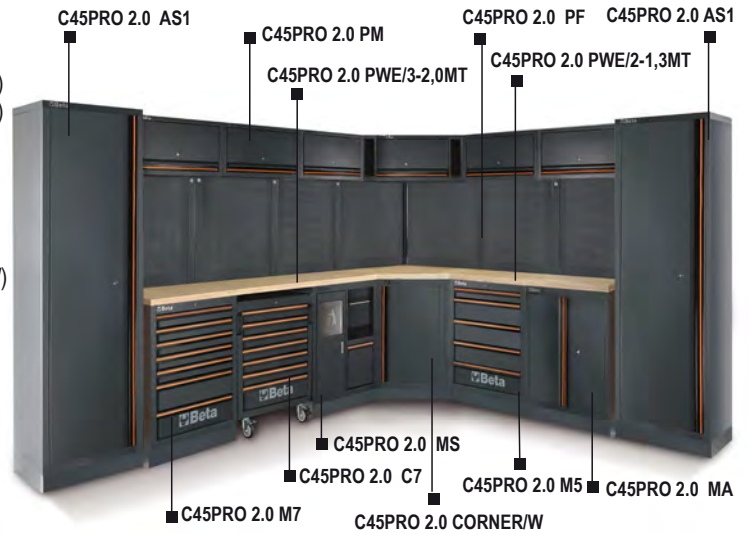
- 1 multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 1,360x615 mm (C45PRO 2.0 PWE/2-1.3MT)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 fixed module with 5 drawers (C45PRO 2.0 M5)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 5 perforated tool panels (C45PRO 2.0 PF)
- 5 wall-mounted cabinets (C45PRO 2.0 PM)
- 7 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

606 kg

C45PRO 2.0 DW



1 045002032



## C45PRO 2.0 FX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

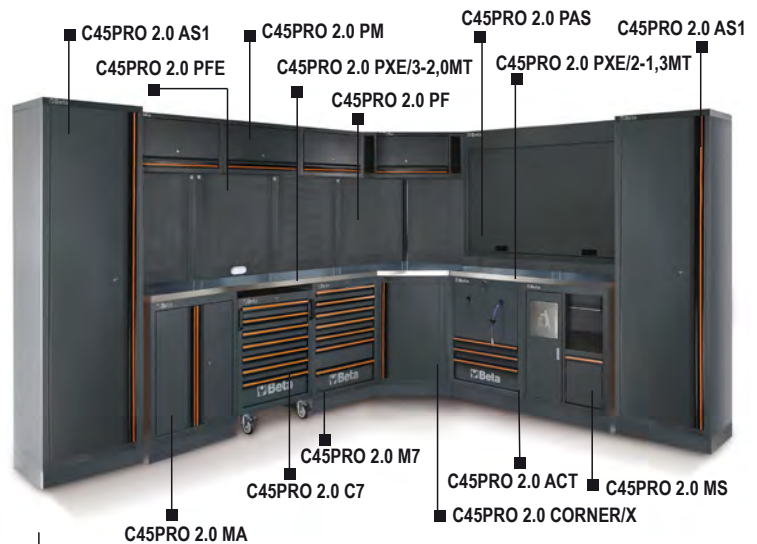
- 1 stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 PXE/2-1.3MT)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

658 kg

C45PRO 2.0 FX



1 045002035



## C45PRO 2.0 FW

workshop equipment combination C45PRO 2.0

Combination comprising the following:

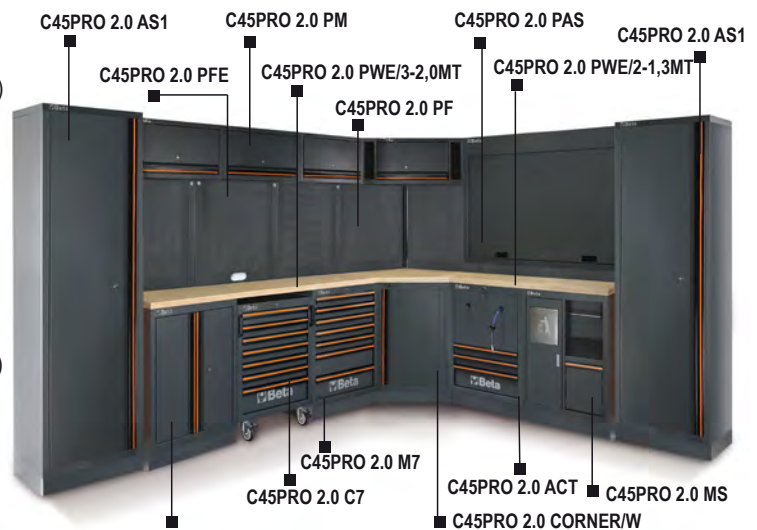
- 1 multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 1,60x615 mm (C45PRO 2.0 PWE/2-1.3MT)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 fixed service module (C45PRO 2.0 MS)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

625 kg

C45PRO 2.0 FW



1 045002045



## C45PRO 2.0 GX

workshop equipment combination C45PRO 2.0

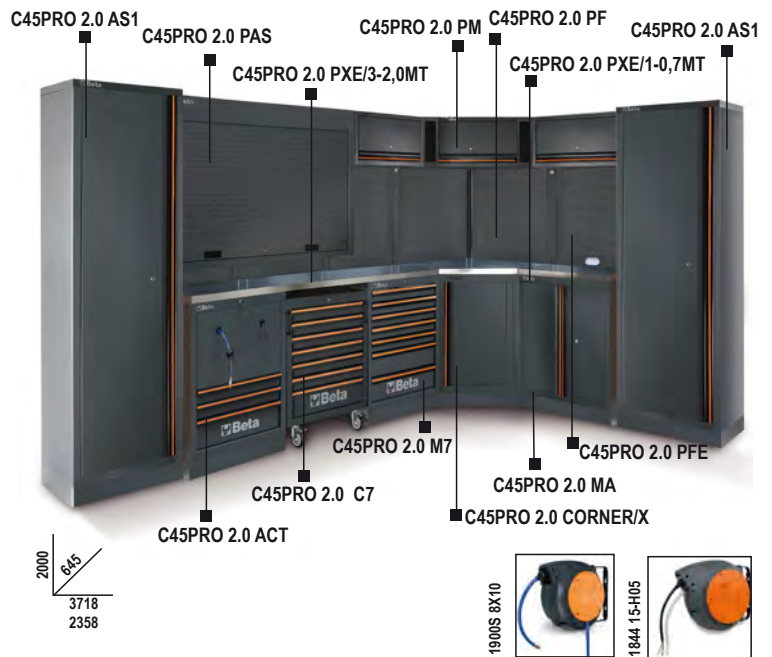
Combination comprising the following:

- 1 stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- 1 stainless steel coated MDF worktop, dimensions 680x615 mm (C45PRO 2.0 PXE/1-0.7MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with stainless steel coated MDF worktop (C45PRO 2.0 CORNER/X)
- 1 perforated tool panel (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 5 wall brackets, wide type (C45PRO 2.0 SL)
- 4 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

554 kg

C45PRO 2.0 GX

1 045002036



## C45PRO 2.0 GW

workshop equipment combination C45PRO 2.0

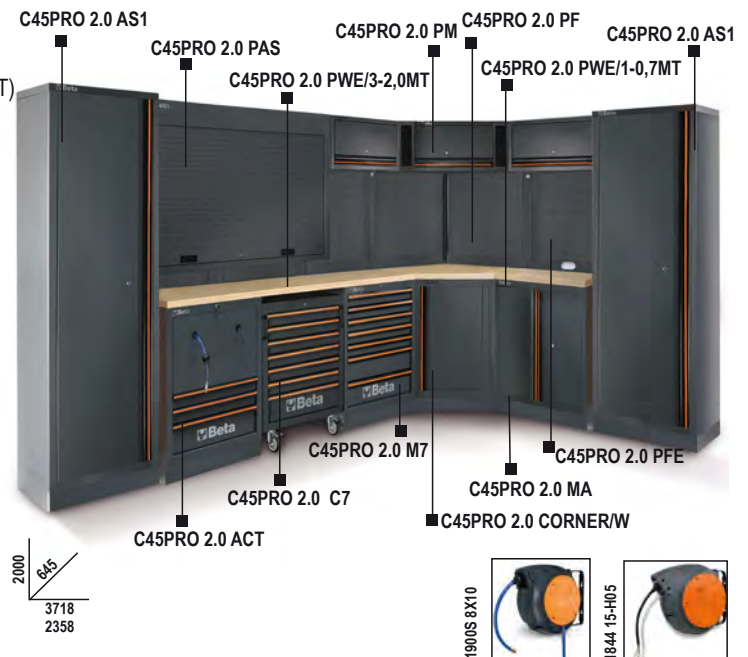
Combination comprising the following:

- 1 multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2.0MT)
- 1 multi-ply wood worktop, dimensions 680x615 mm (C45PRO 2.0 PWE/1-0.7MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 7 drawers (C45PRO 2.0 M7)
- 1 fixed two-door module (C45PRO 2.0 MA)
- 1 self-supporting complete corner with multi-ply wood worktop (C45PRO 2.0 CORNER/W)
- 1 perforated tool panel (C45PRO 2.0 PF)
- 1 perforated tool panel, can be fitted with a power socket (not included) (C45PRO 2.0 PFE)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 1 tool wall system with aluminium shutter (C45PRO 2.0 PAS)
- 6 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 single-door cabinets (C45PRO 2.0 AS1)

551 kg

C45PRO 2.0 GW

1 045002037



## C45PRO 2.0 X

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- Fixed service module (C45PRO 2.0 MS)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Two-door cabinet (C45PRO 2.0 AS2)

334 kg

C45PRO 2.0 X

1 045002001



## C45PRO 2.0 W

workshop equipment combination C45PRO 2.0

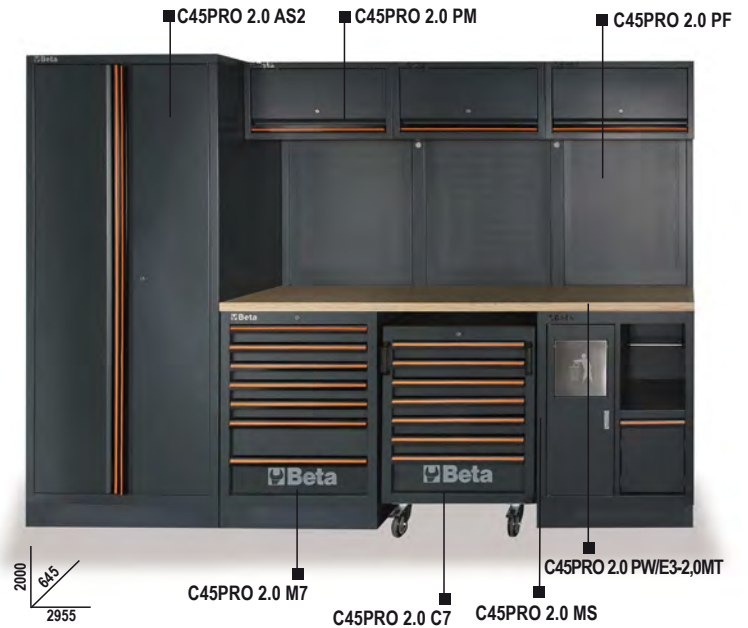
Combination comprising the following:

- Multi-ply wood worktop, dimensions 2.040x615 mm (C45PRO 2.0 PWE/3-2,0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- Fixed service module (C45PRO 2.0 MS)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Two-door cabinet (C45PRO 2.0 AS2)

318 kg

C45PRO 2.0 W

1 045002002



## C45PRO 2.0 HX

workshop equipment combination C45PRO 2.0

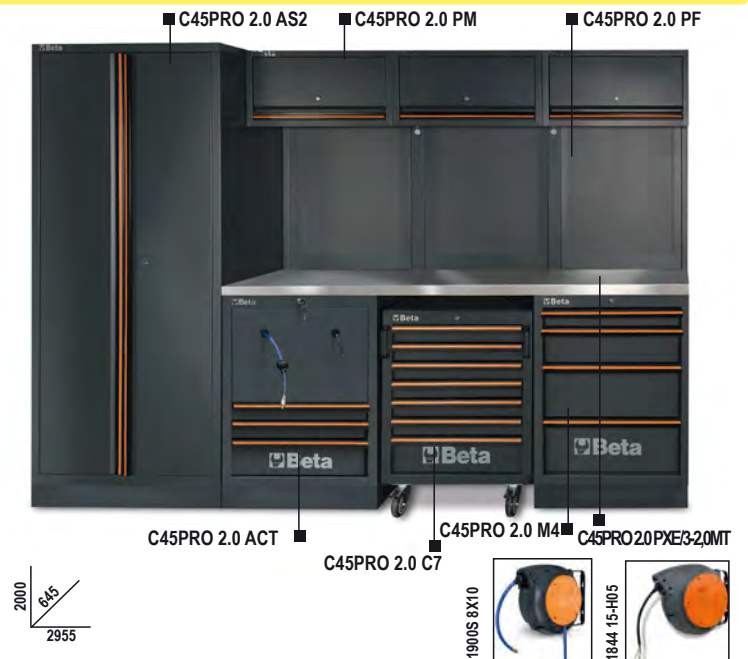
Combination comprising the following:

- 1 stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2,0MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 4 drawers (C45PRO 2.0 M4)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- 1 two-door cabinet (C45PRO 2.0 AS2)

333 kg

C45PRO 2.0 HX

1 045002038



## C45PRO 2.0 HW

workshop equipment combination C45PRO 2.0

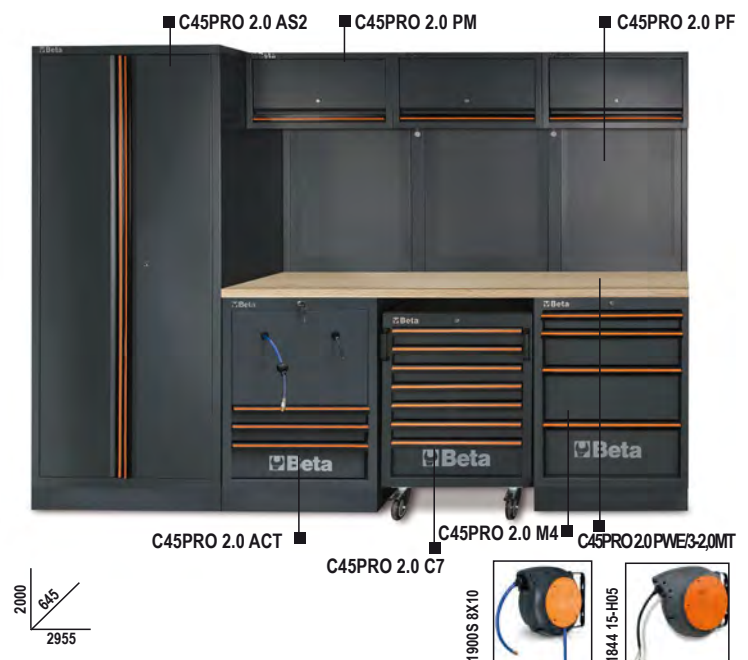
Combination comprising the following:

- 1 multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2,0MT)
- 1 fixed module with 2 built-in reels (C45PRO 2.0 ACT)
- 1 mobile roller cab with 7 drawers (C45PRO 2.0 C7)
- 1 fixed module with 4 drawers (C45PRO 2.0 M4)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 3 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- 1 two-door cabinet (C45PRO 2.0 AS2)

318 kg

C45PRO 2.0 HW

1 045002039



## C45PRO 2.0 AX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed two-door module (C45PRO 2.0 MA)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

234,5 kg

C45PRO 2.0 AX

1 045002003



## C45PRO 2.0 AW

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2.0MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed two-door module (C45PRO 2.0 MA)
- 3 wall-mounted cabinets (C45PRO 2.0 PM)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)
- 2 wall brackets, wide type (C45PRO 2.0 SL)

219 kg

C45PRO 2.0 AW

1 045002004



## C45PRO 2.0 BX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- Fixed two-door module (C45PRO 2.0 MA)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

206 kg

C45PRO 2.0 BX

1 045002021



## C45PRO 2.0 BW

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Multi-ply wood worktop, dimensions 1,360x615 mm (C45PRO 2.0 PWE/2-1.3MT)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- Fixed two-door module (C45PRO 2.0 MA)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

196 kg

C45PRO 2.0 BW

1 045002022



## C45PRO 2.0 EX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- 2 perforated tool panels (C45PRO 2.0 PF)
  - 2 wall-mounted cabinets (C45PRO 2.0 PM)
  - 2 wall brackets, wide type (C45PRO 2.0 SL)
  - 1 wall bracket, narrow type (C45PRO 2.0 SS)
  - 1 single-door cabinet (C45PRO 2.0 AS1)
- 
- Fixed module with 7 drawers and stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 M7A/X):
    - 1 drawer 1,248x406 mm
    - 6 drawers 782x406 mm
    - 5 drawers 65 mm high
    - 1 drawer 145 mm high
  - 1 storage compartment with intermediate shelf and door

203 kg

C45PRO 2.0 EX

1 045002033



## C45PRO 2.0 EW

workshop equipment combination C45PRO 2.0

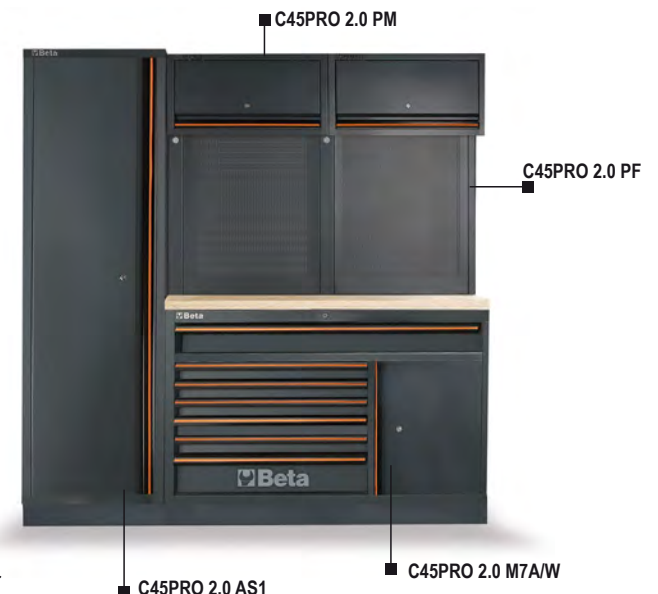
Combination comprising the following:

- 2 perforated tool panels (C45PRO 2.0 PF)
  - 2 wall-mounted cabinets (C45PRO 2.0 PM)
  - 2 wall brackets, wide type (C45PRO 2.0 SL)
  - 1 wall bracket, narrow type (C45PRO 2.0 SS)
  - 1 single-door cabinet (C45PRO 2.0 AS1)
- 
- Fixed module with 7 drawers and multiply wood worktop, dimensions 1,360x615 mm (C45PRO 2.0 M7A/W):
    - 1 drawer 1,248x406 mm
    - 6 drawers 782x406 mm
    - 5 drawers 65 mm high
    - 1 drawer 145 mm high
  - 1 storage compartment with intermediate shelf and door

193 kg

C45PRO 2.0 EW

1 045002034



## C45PRO 2.0 CX

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

225 kg

C45PRO 2.0 CX

1 045002023



## C45PRO 2.0 CW

workshop equipment combination C45PRO 2.0

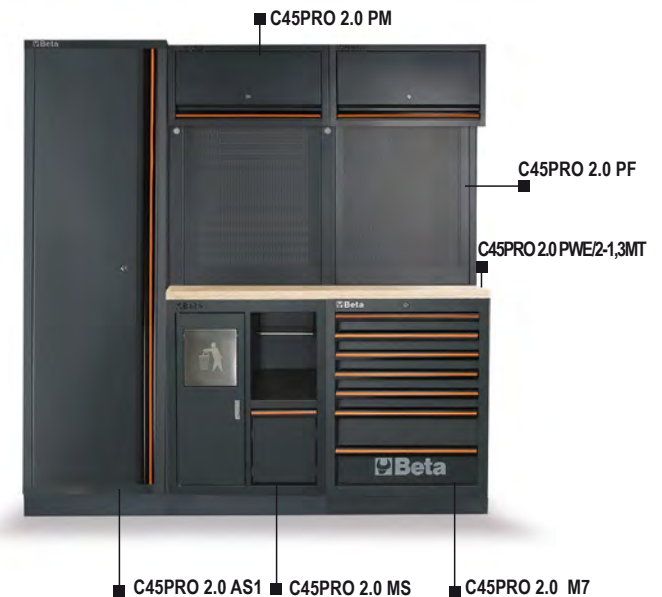
Combination comprising the following:

- Multi-ply wood worktop, dimensions 1,360x615 mm (C45PRO 2.0 PWE/2-1.3MT)
- Fixed service module (C45PRO 2.0 MS)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- 2 wall-mounted cabinets (C45PRO 2.0 PM)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 1 wall bracket, narrow type (C45PRO 2.0 SS)
- Single-door cabinet (C45PRO 2.0 AS1)

215 kg

C45PRO 2.0 CW

1 045002024



## C45PRO 2.0 BPX-2,0

workshop equipment combination C45PRO 2.0

Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 2,040x615 mm (C45PRO 2.0 PXE/3-2.0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

181 kg

C45PRO 2.0 BPX-2,0

1 045002042



## C45PRO 2.0 BPW-2,0

workbenches for workshop equipment combination C45PRO 2.0

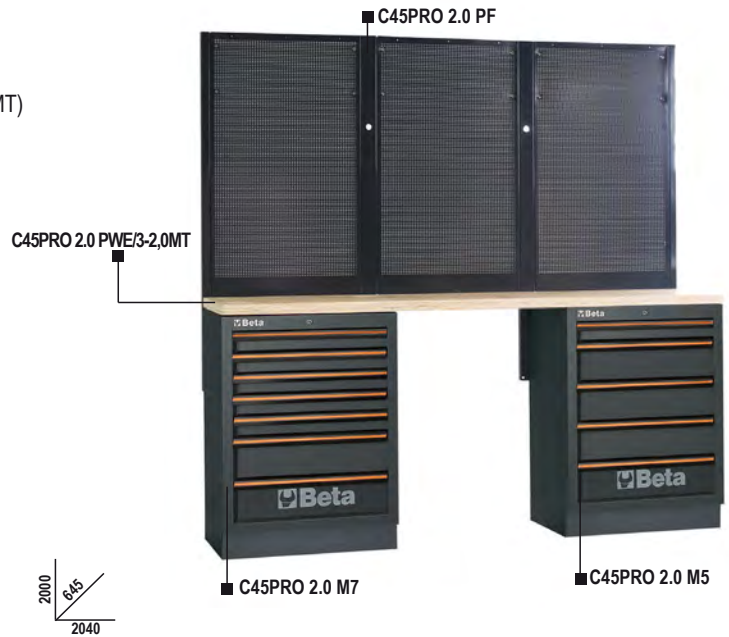
Combination comprising the following:

- Multi-ply wood worktop, dimensions 2,040x615 mm (C45PRO 2.0 PWE/3-2.0MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 3 perforated tool panels (C45PRO 2.0 PF)
- 2 wall brackets, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

165 kg

C45PRO 2.0 BPW-2,0

1 045002052



## C45PRO 2.0 BPX-1,3

workshop equipment combination C45PRO 2.0

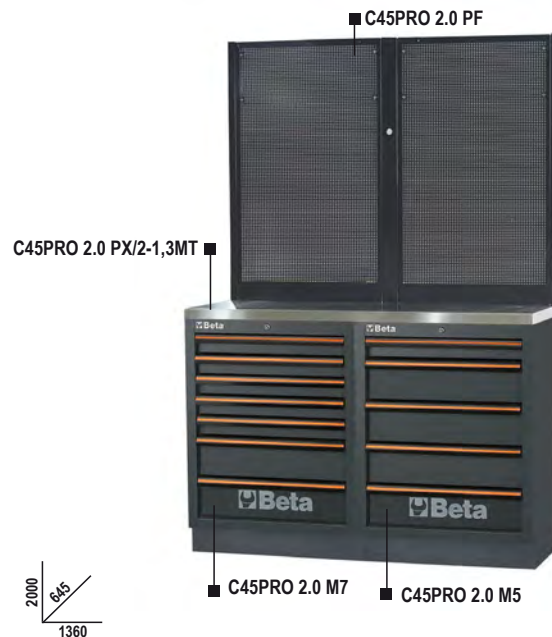
Combination comprising the following:

- Stainless steel coated MDF worktop, dimensions 1,360x615 mm (C45PRO 2.0 PXE/2-1.3MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 wall bracket, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

155 kg

C45PRO 2.0 BPX-1,3

1 045002041



## C45PRO 2.0 BPW-1,3

workshop equipment combination C45PRO 2.0

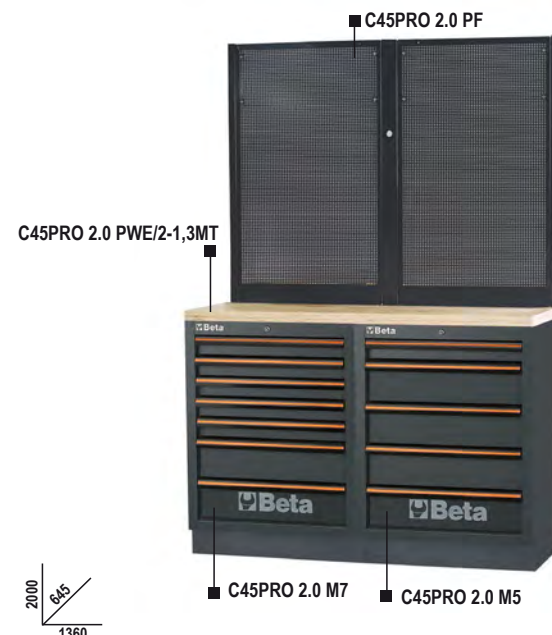
Combination comprising the following:

- Multi-ply wood worktop, dimensions 1,360x615 mm (C45PRO 2.0 PWE/2-1.3MT)
- Fixed module with 7 drawers (C45PRO 2.0 M7)
- Fixed module with 5 drawers (C45PRO 2.0 M5)
- 2 perforated tool panels (C45PRO 2.0 PF)
- 1 wall bracket, wide type (C45PRO 2.0 SL)
- 2 wall brackets, narrow type (C45PRO 2.0 SS)

145 kg

C45PRO 2.0 BPW-1,3

1 045002051



## C45PRO 2.0 BLX

workbench for workshop equipment combination C45PRO 2.0

- Worktop (1,360x615 mm) made from stainless steel coated MDF
- Sheet metal framework
- With vertically adjustable feet
- Can accommodate a vice (1599P/150, to be ordered separately)
- To be used only as an addition to a workshop equipment combination, not as a stand-alone element



C45PRO 2.0 BLX



1 045002156

## C45PRO 2.0 BLW

workbench for workshop equipment combination C45PRO 2.0

- Worktop (1,360x615 mm) made from multi-ply wood
- Sheet metal framework
- With vertically adjustable feet
- Can accommodate a vice (1599P/150, to be ordered separately)
- To be used only as an addition to a workshop equipment combination, not as a stand-alone element



C45PRO 2.0 BLW



1 045002157

## C45PRO 2.0 M7A/X

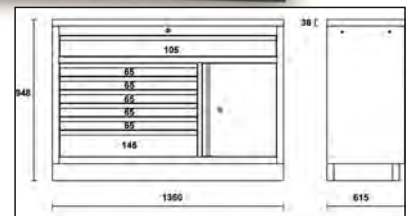
fixed module with 7 drawers, for workshop equipment combination C45PRO 2.0

- Worktop (1,360x615 mm) made from stainless steel coated MDF
- 1 drawer (1,248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers 65 mm high
  - 1 drawer 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- Can accommodate a vice (1599P/150, to be ordered separately)



81 kg

h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg



C45PRO 2.0 M7A/X



1 045002161

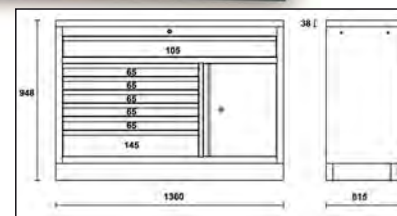


## C45PRO 2.0 M7A/W

fixed module with 7 drawers, for workshop equipment combination  
C45PRO 2.0

- Multi-ply wood worktop, 1,360x615 mm
- 1 drawer (1,248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers 65 mm high
  - 1 drawer 145 mm high
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays
- 1 storage compartment with intermediate shelf and door, interior dimensions, 504x424x597 mm
- Can accommodate a vice (1599P/150, to be ordered separately)

80 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 M7A/W

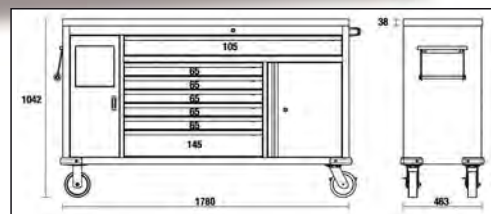
1 045002171

## C45PRO 2.0 MWS/X

Work Station roller cab with 7 drawers and built-in waste bin

- worktop (1680 mm) made of stainless steel coated MDF
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers 65 mm high
  - 1 drawer 145 mm high
- drawer bases protected by foamed rubber mats
- can be fitted with thermoformed trays
- storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- built-in waste bin
- built-in paper roll compartment
- 4 heavy-duty castors, Ø 150 mm, 2 fixed and 2 steering with brakes
- front centralised lock
- can accommodate a vice (1599P/150, to be ordered separately)

126 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 MWS/X

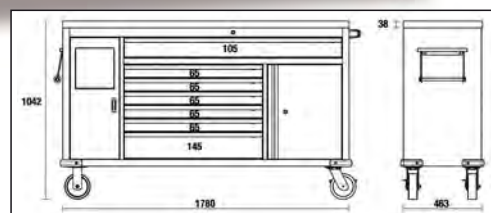
1 045000181

## C45PRO 2.0 MWS/W

Work Station roller cab with 7 drawers and built-in waste bin

- multi-ply wood worktop (1680 mm)
- 1 drawer (1248x406 mm) with ball bearing slides
- 6 drawers (782x406 mm) with ball bearing slides:
  - 5 drawers 65 mm high
  - 1 drawer 145 mm high
- drawer bases protected by foamed rubber mats
- can be fitted with thermoformed trays
- storage compartment with intermediate shelf and door, interior dimensions 504x424x597 mm
- built-in waste bin
- built-in paper roll compartment
- 4 heavy-duty castors, Ø 150 mm, 2 fixed and 2 steering with brakes
- front centralised lock
- can accommodate a vice (1599P/150, to be ordered separately)

122 kg



h	max
65 mm	25 kg
105 mm	40 kg
145 mm	30 kg

C45PRO 2.0 MWS/W

1 045000191

## C45PRO 2.0 CPF

pair of perforated tool panels for mobile roller cab C45PRO MWS

Supplied complete with framework  
50-hook GPS kit included

11 kg



C45PRO 2.0 CPF



1 045000195



## C45PRO 2.0 PXE/1-0,7MT

worktop made from stainless steel coated MDF, 680x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 2 spacers and 2 exterior side pads



14 kg

C45PRO 2.0 PXE/1-0,7MT



1 045002131

## C45PRO 2.0 PWE/1-0,7MT

worktop made from multi-ply wood, 680x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 2 spacers and 2 exterior side pads



8 kg

C45PRO 2.0 PWE/1-0,7MT



1 045002141

## C45PRO 2.0 PXE/2-1,3MT

worktop made from stainless steel coated MDF, 1360x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 4 spacers and 2 exterior side pads



27 kg

C45PRO 2.0 PXE/2-1,3MT



1 045002133

## C45PRO 2.0 PWE/2-1,3MT

worktop made from multi-ply wood, 1360x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 4 spacers and 2 exterior side pads



17 kg

C45PRO 2.0 PWE/2-1,3MT



1 045002143

## C45PRO 2.0 PXE/3-2,0MT

worktop made from stainless steel coated MDF, 2040x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 6 spacers and 2 exterior side pads

41,5 kg



C45PRO 2.0 PXE/3-2,0MT

1 045002140

## C45PRO 2.0 PWE/3-2,0MT

worktop made from multi-ply wood, 2040x615 mm, for workbench, for workshop equipment combination C45PRO 2.0

- thickness: 38 mm
- can accommodate a vice (1599P/150, to be ordered separately)
- complete with 6 spacers and 2 exterior side pads

26 kg



C45PRO 2.0 PWE/3-2,0MT

1 045002150

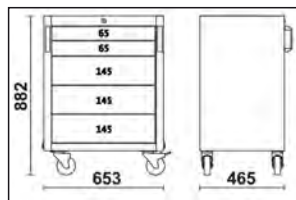
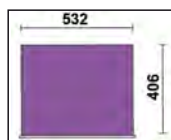
## C45PRO 2.0 C5

mobile roller cab with 5 drawers, for workshop equipment combination C45PRO 2.0

- ABS worktop with anti-fall edges
- 5 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

46 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 C5

1 045000226

 **Beta**

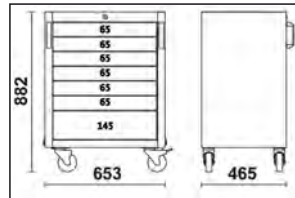
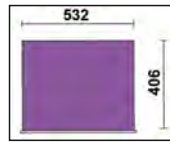
## C45PRO 2.0 C7

mobile roller cab with 7 drawers, for workshop equipment combination  
C45PRO 2.0

- ABS worktop with anti-fall edges
- 7 drawers (532x406 mm) with ball bearing slides
- 4 swivel castors, Ø 100 mm (2 with brakes)
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with thermoformed trays
- Handles built into frame for improved ease of handling

50 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 C7

1 045000228

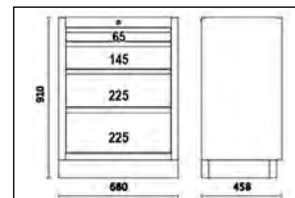
## C45PRO 2.0 M4

fixed module with 4 drawers, for workshop equipment combination  
C45PRO 2.0

- 4 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

46,7 kg

h	max
65 mm	25 kg
145 mm	30 kg
225 mm	30 kg



C45PRO 2.0 M4

1 045000234

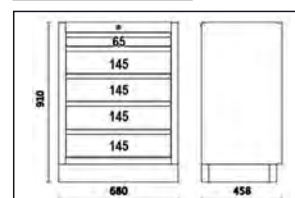
## C45PRO 2.0 M5

fixed module with 5 drawers, for workshop equipment combination  
C45PRO 2.0

- 5 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

49,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 M5

1 045000235

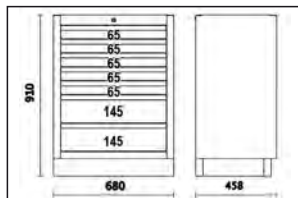
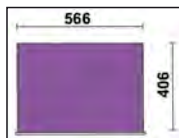
## C45PRO 2.0 M7

fixed module with 7 drawers, for workshop equipment combination  
C45PRO 2.0

- 7 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

54,3 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 M7



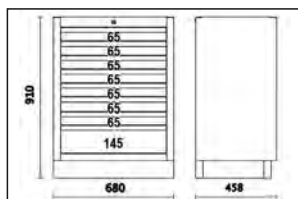
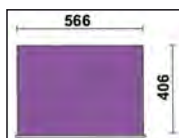
## C45PRO 2.0 M8

fixed module with 8 drawers, for workshop equipment combination  
C45PRO 2.0

- 8 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet
- Can be fitted with thermoformed trays

56,8 kg

h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 M8

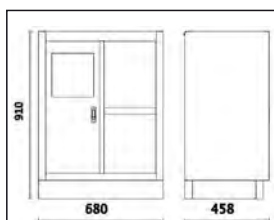


## C45PRO 2.0 MS

fixed service module, for workshop equipment combination C45PRO  
2.0

- Built-in waste bin
- Paper roll compartment
- With vertically adjustable feet

37 kg



C45PRO 2.0 MS



## C45PRO 2.0 RD/X

fixed sorted waste collection module, for workshop equipment combination C45PRO 2.0

- Stainless steel coated MDF worktop (1360x615 mm)
- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:  
one removable plastic bin; capacity: 25 l
- 4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

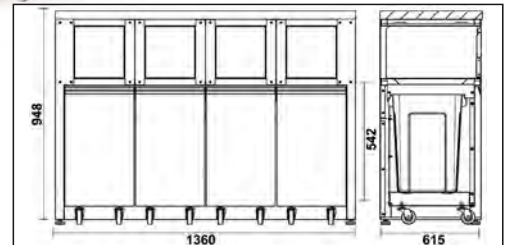
80 kg

C45PRO 2.0 RD/X

1 045002241



C45PRO 2.0 RD/X



## C45PRO 2.0 RD/W

fixed sorted waste collection module for workshop equipment combination C45PRO 2.0

- Multi-ply wood worktop (1,360x615 mm)
- Sturdy sheet metal frame complete with 4 containers with up-and-over door for sorting waste
- Each container is fitted with:  
one removable plastic bin; capacity: 25 l
- 4 swivel castors, Ø 60 mm
- Supplied with kit of 4 coloured adhesive tapes
- With vertically adjustable feet

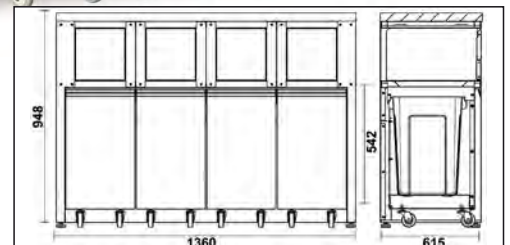
80 kg

C45PRO 2.0 RD/W

1 045002240



C45PRO 2.0 RD/W



## C45PRO 2.0 MA

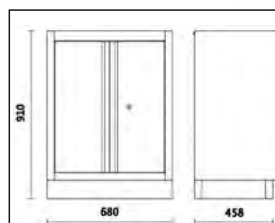
fixed two-door module, for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 670x420 mm
- With vertically adjustable feet

29,4 kg

C45PRO 2.0 MA

1 045000232

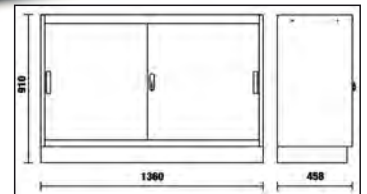


## C45PRO 2.0 MAL

fixed module, 1360 mm long, with 2 sheet metal doors, for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 1,355x420 mm
- With vertically adjustable feet

44,8 kg



C45PRO 2.0 MAL

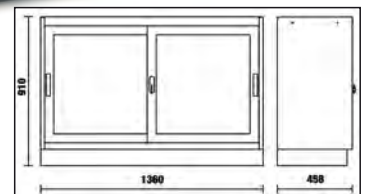
1 045000229

## C45PRO 2.0 MAT

fixed module, 1360 mm long, with 2 clear polycarbonate doors, for workshop equipment combination C45PRO 2.0

- With lock
- Vertically adjustable interior shelf
- Interior dimensions: 1,355x420 mm
- With vertically adjustable feet

44,1 kg



C45PRO 2.0 MAT

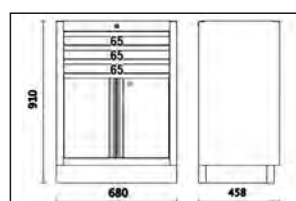
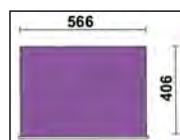
1 045000230

## C45PRO 2.0 M3A

fixed module with 3 drawers and 2 doors, for workshop equipment combination C45PRO 2.0

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Can be fitted with thermoformed trays
- Front centralized lock
- Storage compartment with double door and lock (interior dimensions 670x440 mm), complete with intermediate shelf
- With vertically adjustable feet

44 kg



C45PRO 2.0 M3A

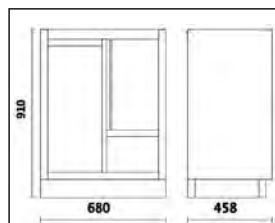
1 045000231

## C45PRO 2.0 MRE

fixed module for charging power tools,  
for workshop equipment combination C45PRO 2.0

- Pull-out side compartment with ball bearing slides, for storing power tools
- Fixed side compartment with door and lock for storing chargers and batteries, equipped with:
  - vertically adjustable shelf;
  - rubber-protected cable bushings;
  - ventilation slots;
- 1 drawer (256x400x190 mm), with ball bearing slides
- Front centralized lock
- Vertically adjustable feet

57 kg



C45PRO 2.0 MRE

1 045000242

## C45PRO 2.0 ML

fixed module with built-in sink, for workshop equipment combination  
C45PRO 2.0

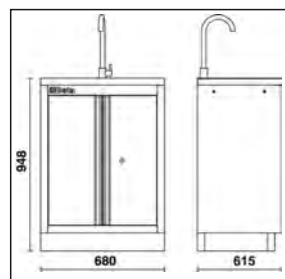
Technical specifications:

- Stainless steel basin
- Supplied complete with:
  - 1 mixer tap
  - 1 drain unit
  - 1 sink stopper
  - 1 filter cap
  - 1 soap dispenser

Fixed two-door module with lock:

- Usable interior dimensions: 600x603x416 mm
- With vertically adjustable feet

44 kg



C45PRO 2.0 ML

1 045002233

## C45PRO 2.0 ACT

fixed module with 3 drawers and 2 built-in reels,  
for workshop equipment combination C45PRO 2.0

- 3 drawers (566x406 mm) with ball bearing slides
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- With vertically adjustable feet

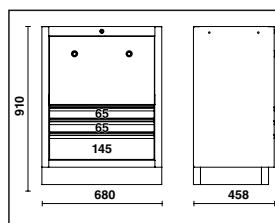
Supplied complete with:

- 1 built-in compressed air or cold water hose reel, 8 mm, length 10 m item 1900S 8x10
- 1 built-in cable reel, length 15 m, item 1844 15-H05

50,7 kg



h	max
65 mm	25 kg
145 mm	30 kg



C45PRO 2.0 ACT

1 045000247

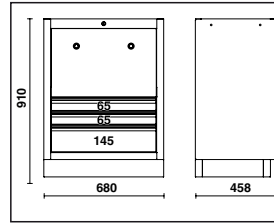
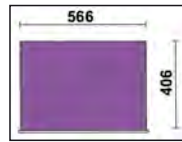


## C45PRO 2.0 TC

fixed reel module with 3 drawers, for workshop equipment combination C45PRO 2.0, empty

- 3 drawers (566x406 mm) with ball bearing slides
  - Drawer bases protected by foamed rubber mats
  - Front centralized lock
  - With vertically adjustable feet
- Can accommodate 2 reels, to be chosen from the following:
    - 2 compressed air or cold water hose reels, 8 mm, length 10 m item 1900S 8x10
    - 2 cable reels, to be chosen from the following items: 1843 15-H05, 1844 10-H05, 1844 15-H05, 1844 15-H07, 1845 12-H05, 1846 10-H05, 1846 10-H07 and 1846 15-H05
    - 1 compressed air or cold water hose reel, 8 mm, length 10 m item 1900S 8x10 and 1 cable reel, to be chosen from the above-mentioned items

h		
	65 mm	25 kg
	145 mm	30 kg



40,9 kg

C45PRO 2.0 TC



1 045000249

## C45PRO 2.0 T3

3-tier tool trolley, for workshop equipment combination C45PRO 2.0

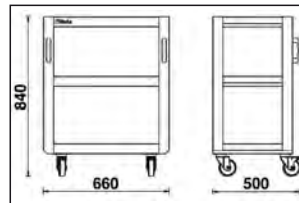
- 4 swivel castors, Ø 100 mm (one with brake)
- Static load capacity: 200 kg (distributed over 3 shelves)

19,2 kg

C45PRO 2.0 T3



1 045000250



## C45PRO 2.0 SS

side wall brackets, narrow type, for workshop equipment combination C45PRO 2.0

- Dimensions: 1420x32.5x30 mm

1,5 kg

C45PRO 2.0 SS



1 045000333



## C45PRO 2.0 SL

side wall brackets, wide type, for workshop equipment combination C45PRO 2.0

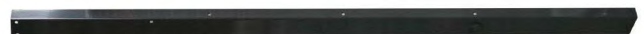
- Dimensions: 1420x65x30 mm

2 kg

C45PRO 2.0 SL



1 045000366

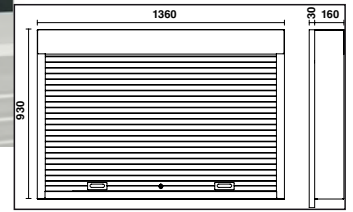


## C45PRO 2.0 PAS

tool wall system, for workshop equipment combination C45PRO 2.0

- Aluminium shutter, vertically adjustable, with lock
- Two removable perforated tool panels
- Can be used in combination with 1.3-m-long workbench
- 50-hook GPS kit included

49,7 kg



C45PRO 2.0 PAS

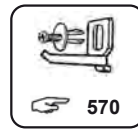
1 045000290

## C45PRO 2.0 PF

perforated tool panel, for workshop equipment combination C45PRO 2.0

- Dimensions: 1052x614.5x24 mm

5,3 kg



C45PRO 2.0 PF

1 045000313

## C45PRO 2.0 PFE

perforated tool panel, for workshop equipment combination C45PRO 2.0

- Dimensions: 1052x614.5x24 mm
- Can be fitted with 1 power socket (not included)

5,3 kg



C45PRO 2.0 PFE

1 045000312

## C45PRO 2.0 MP

sheet metal shelf for perforated tool panels, for workshop equipment combination C45PRO 2.0

Dimensions: 614x160x80 mm

2,1 kg



C45PRO 2.0 MP

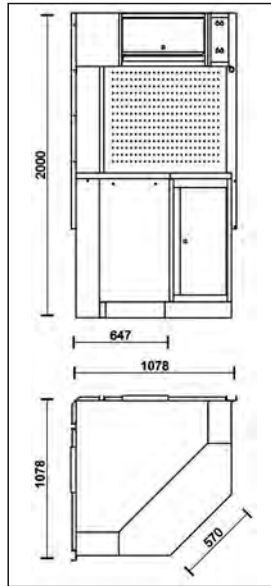
1 045000315

## C45PRO 2.0 CORNER/X

self-supporting complete corner, for workshop equipment combination  
C45PRO 2.0

- Suspended corner cabinet with lock and 2 storage compartments
- 2 perforated tool panels (1,052x800 mm)
- Stainless steel coated MDF corner worktop (1,018x1,018 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

127 kg



C45PRO 2.0 CORNER/X

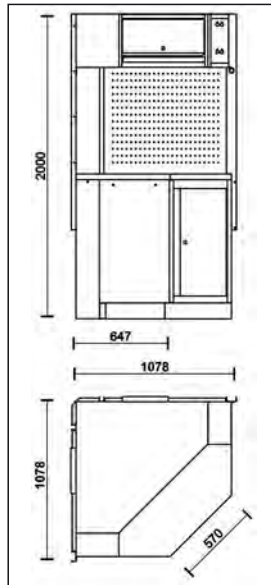
1 045002401

## C45PRO 2.0 CORNER/W

self-supporting complete corner, for workshop equipment combination  
C45PRO 2.0

- Suspended corner cabinet with lock and 2 storage compartments
- 2 perforated tool panels (1,052x800 mm)
- Multi-ply wood corner worktop (1,018x1,018 mm)
- Lower corner module with large storage compartment
- With vertically adjustable feet

119 kg



C45PRO 2.0 CORNER/W

1 045002411



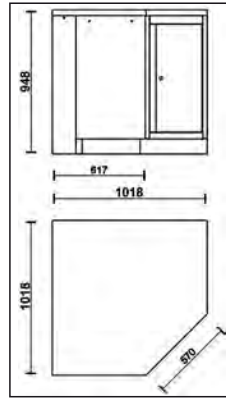
**Beta**

## C45PRO 2.0 CAI/X

lower corner module, for workshop equipment combination C45PRO 2.0

- Stainless steel coated MDF corner worktop (1,018x1,018 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

77 kg



C45PRO 2.0 CAI/X

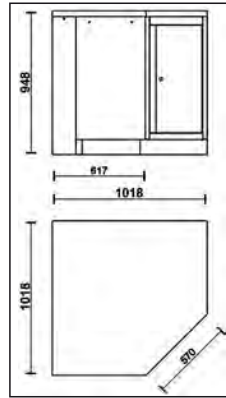
1 045002412

## C45PRO 2.0 CAI/W

lower corner module, for workshop equipment combination C45PRO 2.0

- Multi-ply wood corner worktop (1,018x1,018 mm)
- Fixed corner module with large storage compartment
- With vertically adjustable feet

69 kg



C45PRO 2.0 CAI/W

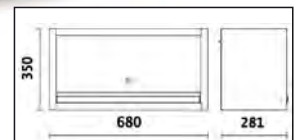
1 045002402

## C45PRO 2.0 PM

wall-mounted cabinet, for workshop equipment combination C45PRO 2.0

- Cabinet length: 680 mm
- With gas springs, making it easier to open and close door
- With lock

10 kg



C45PRO 2.0 PM

1 045000302

## SSPE

under-cabinet support for power tools

- For use only under suspended cabinet C45PRO 2.0 PM (workshop equipment C45PRO 2.0)
- With 5 convenient slots for accommodating power tools
- Dimensions: 680 x 280 x 150 mm

6 kg



SSPE

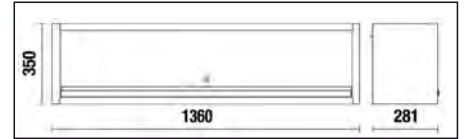
1 088880482

## C45PRO 2.0 PML

wall-mounted cabinet, long, for workshop equipment combination C45PRO 2.0

- Cabinet length: 1360 mm
- With gas springs, making it easier to open and close door
- With lock

17 kg



C45PRO 2.0 PML

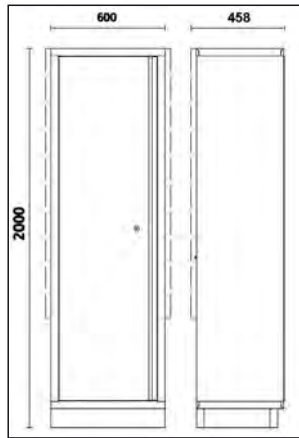
1 045000303

## C45PRO 2.0 AS1

sheet metal single-door tool cabinet with bracket, for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- Convenient folding clothes rail under first shelf
- With lock
- Sheet metal door can be installed with right or left opening
- Interior dimensions: 590x430 mm
- With vertically adjustable feet

57,5 kg



C45PRO 2.0 AS1

1 045000451

## C45PRO 2.0 A1/R600

interior shelf for tool cabinet C45PRO AS1

2,5 kg



C45PRO 2.0 A1/R600

1 045000466

## C45PRO 2.0 A1/RB600

interior shelf for tool cabinet C45PRO 2.0 AS1, with clothes rail

3,3 kg



C45PRO 2.0 A1/RB600

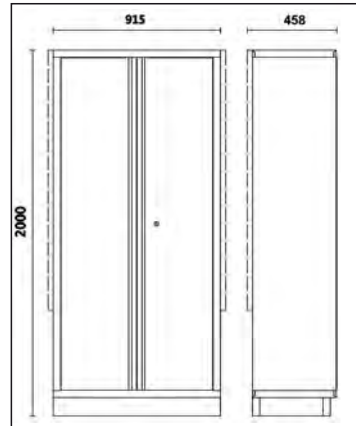
1 045000467

## C45PRO 2.0 AS2

sheet metal two-door tool cabinet with bracket, for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- With lock
- Sheet metal door can be installed with right or left opening
- Interior dimensions: 910x430 mm
- With vertically adjustable feet

80 kg



C45PRO 2.0 AS2

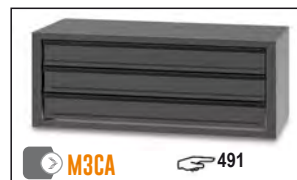
1 045000481

## C45PRO 2.0 AS2/3C

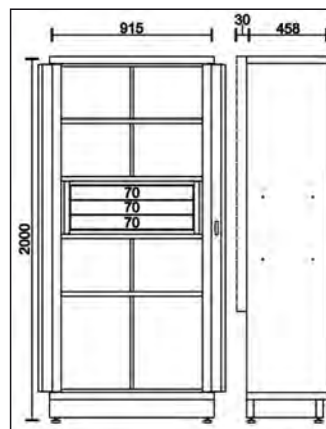
sheet metal two-door tool cabinet with 3 drawers and bracket, for workshop equipment combination C45PRO 2.0

- 4 removable, vertically adjustable shelves
- **Supplied complete with 3-drawer (681x360 mm) module**
- Front lock
- Sheet metal door can be installed with right or left opening
- Interior dimensions: 910x430 mm
- With vertically adjustable feet

100,5 kg



M3CA 491



C45PRO 2.0 AS2/3C

1 045000482

## C45PRO 2.0 A2/R915

Interior shelf for tool cabinet C45PRO 2.0 AS2

4,5 kg

50 kg



C45PRO 2.0 A2/R915

1 045000496

## C45STR

coloured adhesive tape, for workshop equipment combination C45PRO 2.0

- Allows tailoring of colour of horizontal and vertical inserts in workshop equipment combination C45PRO 2.0



	L m		
C45STR-O/2011	30	1	045000911
C45STR-G/9006	25	1	045000912
C45STR-R/3000	25	1	045000913
C45STR-B/5015	25	1	045000914
C45STR-Y/1023	25	1	045000915
C45STR-V/6029	25	1	045000916

## S4CB

wide-span shelving, 4 shelves,  
basic shelving

A must-have for optimizing and efficiently managing products and tools in warehouses, workshops, offices and sales points. Made from sturdy sheet steel, it is ideal for accommodating several different types of goods.

- Carrying capacity of each shelf: 250 kg
- Total carrying capacity: 1,000 kg
- Can be fixed to floor

82 kg



	mm		
S4CB	1552x600x1803mm	1	088880490

## S4CA

wide-span shelving, 4 shelves,  
additional shelving

Additional shelving extends basic shelving to increase storage space. Made from sturdy sheet steel, it is ideal for accommodating several different types of goods.

- Carrying capacity of each shelf: 250 kg
- Total carrying capacity: 1,000 kg
- Can be fixed to floor

72 kg



S4CA		1	088880495



# ACCESSORIES RSC55 - RSC50 2.0 - C45PRO 2.0

		5000 RSC50 2.0/PLED-ST	5000 RSC50 2.0/PLED	5000 RSC50 2.0/ASL	5000 RSC50 2.0/CTR
	A	1x	-	1x	-
	B	-	1x	1x	1x
	A	1x	1x	1x	-
	B	-	2x	1x	1x
	A	1x	2x	1x	-
	B	-	3x	1x	1x

## 5000 RSC50 2.0/PLEDC

aluminium profile with LED strip, for workshop equipment combinations

To be applied under worktops, under/in suspended cabinets, under shelves and linear/corner guards, to light working areas.

Features:

- 6.5W IP20 LED strip; length: 50 cm
- Supplied complete with cables
- Convenient fixing through magnets

80 g



5000 RSC50 2.0/PLEDC

1 050001712

## 5000 RSC50 2.0/PLED-ST

aluminium profile with LED strip and SOFT TOUCH switch, for workshop equipment combination

To be applied under worktops, under/in suspended cabinets, under shelves and linear/corner guards, to light working areas.

Features:

- 6.5W IP20 LED strip; length: 50 cm
- On/off and brightness adjustment SOFT TOUCH switch
- Supplied complete with cables
- Convenient fixing through magnets

80 g



5000 RSC50 2.0/PLED-ST

1 050001715

## 5000 RSC50 2.0/ASL

power supplier for LED strip, for workshop equipment combination

Features:

- 24VDC 22W power supplier
- Can supply power to max. 3 6.5W LED strips

210 g



5000 RSC50 2.0/ASL

1 050001716



## 5000 RSC50 2.0/CTR

LED strip controller, with RF remote control, for workshop equipment combination

For use only with LED strip item 5000 RSC50 2.0/PLEDC

Kit contents:

1 mini receiver

1 wireless RF remote control

Specifications of mini receiver:

Input voltage: 5V -24VDC

Rated output current: 5A

Peak output current: 12A

Operating temperature: -20 °C ÷ +35 °C

Specifications of RF remote control:

ON/OFF button

BRIGHT +/- button: allows manual brightness adjustment

25%/50%/100% button: allows automatic brightness adjustment

Battery: 3V CR2025 (included)

Dimensions: 86 (L) x 40 (W) x 7 (H) mm

Integrated features:

- Memory
- Mode (manual/automatic brightness)
- Brightness adjustment



25 g

5000 RSC50 2.0/CTR



1



050001721

## CPMB/3C

workbench small parts containers with 3 drawers

- Outer frame made of PP
- Small parts drawers made of PET
- Stackable

Specifications of drawers:

- Interior drawer dimensions: 160x107x105h mm
- Unbreakable
- Glass effect transparency unchanged over time
- Scratchproof
- Resistant to oil, acids and aggressive chemicals
- Also suitable for use in food products



2,3 kg

CPMB/3C



1



088880443

## KIT 6VC/3C

kit of 6 removable trays for small parts containers CPMB/3C

1,1 kg



6x



KIT 6VC/3C



1



088880453

## CPMB/5C

workbench small parts containers with 5 drawers

- Outer frame made of PP
- Small parts drawers made of PET
- Stackable

Specifications of drawers:

- Interior drawer dimensions: 90x86x62h mm
- Unbreakable
- Glass effect transparency unchanged over time
- Scratchproof
- Resistant to oil, acids and aggressive chemicals
- Also suitable for use in food products

1,7 kg

CPMB/5C

1 088880445



## KIT 10VC/5C

kit of 10 removable trays for small parts containers CPMB/5C

800 g

KIT 10VC/5C

1 088880455



## PM/5C

wall-mounted small parts holder with 5 tote trays, made from plastic, with support

- Interior dimensions: 95x120 mm
- Can be used with tool wall systems: C45PRO, RSC50 2.0 e RSC55 2.0

2,7 kg

PM/5C

1 088880450



## PM/6C

wall-mounted smallwares holder with 6 tote trays, made from plastic, with support

- Interior dimensions: 80x60 mm
- Can be used with tool wall systems C45PRO 2.0, RSC50 2.0 and RSC55

970 g

PM/6C

1 088880440



## CP

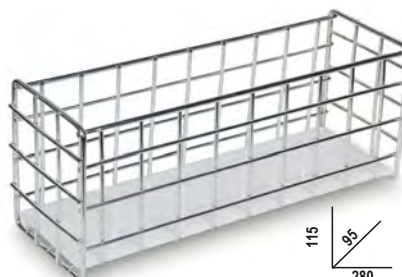
wall-mounted bottle rack, made from steel

- Can be used with wall-mounted tool panels
- Supplied complete with 2 supports

533 g

CP

1 088880470



## SPC

computer wall bracket

- Matches tool wall systems RSC55, RSC50 2.0 and C45PRO 2.0
- Dimensions 398x243x138 mm

1,5 kg



SPC

1 088880480

## SP5S

wall-mounted support with 5 compartments

- Made from sheet metal
- 5 tool compartments varying in height
- Dimensions: 260x60x290 mm

1,8 kg



SP5S

1 088880475

## M3CA

3-drawer module  
for two-door tool cabinets C45PRO AS2 and RSC50 A2

- 3 fully removable (661x360 mm), with ball bearing slides
- Drawer height: 78 mm
- Drawer bases protected by foamed rubber mats
- Supplied complete with assembly kit

20,5 kg



295  
400  
750

M3CA

1 088880485

The Beta logo, featuring a stylized orange 'B' inside a square, followed by the word 'Beta' in a bold, orange, sans-serif font.

# Beta

## ROLLER CABS & CONTAINERS

			ROLLER CABS & CONTAINERS																
			RSC22	RSC23	RSC23C	RSC23T	RSC24/5	RSC24/6 - RSC24A/6 - C37/6 - C39/6	RSC24/7 - RSC24A/7 - RSC24AXL/7 RSC24AXLP/7 - RSC24AXL - RSC24L/7 RSC24L-CAB - C37/7 - C37A/7 - C39/7	RSC24/8 - RSC24A/8 - RSC24AXL/8 C37/8 - C39/8	RSC24AXL/9	C4 - C5 - C6T - C9MT	C25	C27S	RSC28	C30M			
			pieces																
LOOSE TOOLS	without supports	5902MT	Earth moving	106	529	529	529												
		5902MT/AS	Earth moving	99	530	530	530												
		5902VI	Industrial maintenance	107	494	494		494					494	494				494	
		5904VG/3	Car repair	132					533	533	533	533							
		5905VG/1	Car repair	94									536					536	
		5905VG/2	Car repair	118									537						
		5910VI/3	Industrial maintenance	297													498		
LOOSE TOOLS	with supports	5954VG	Car repair	138												542			
		5954VI	Industrial maintenance	133															
		5957U-P	Universal maintenance	133															
		5957VG	Car repair	174		543		543	543										
		5957VI	Industrial maintenance	162			501		501	501									
		5958U	Universal maintenance	85		516		516											
TRAYS	soft modules	5904VG/2M	Car repair	170				531	531	531	531	531				531			
		5904VU/1M	Universal maintenance	90				503	503	503	503	503				503			
		5904VU/2M	Universal maintenance	144				504	504	504	504	504				504			
		5927VU/M	Universal maintenance	108	514	514	514							501					
		5935ET/1MB	Electrotechnical	96															
		5935VG/1MB	Car repair	98															
		5935VI/2MB	Industrial maintenance	133															
		5945VUM	Universal maintenance	231															
		5988H/7M	Car repair	333								519	519			519			
		5988L/4M	Car repair	273					520	520	520	520	520						
		5980U/BIKE-M	Bicycle repair	106				518		518	518	518	518			518			
		5988U6/M	Universal maintenance	214							521	521	521			521			
		5988U/7M	Universal maintenance	215				510	510	510	510	510	510			510			
		5988 VHB-MQ	Electrotechnical	66				525	525	525	525	525	525			525			
		5989 VEM	Car repair	66				528	528	528	528	528	528			528			
		TRAYS	foam trays	5904VI/1T	Industrial maintenance	98				494	494	494	494	494			494		
				5904VI/2T	Industrial maintenance	153				497			497	497			497		
				5904VI/3T	Industrial maintenance	144							495	495	495			495	
				5904VG/2T	Car repair	99				532	532	532	532	532	532			532	
				5904VG/3T	Car repair	102				534	534	534	534	534	534			534	
5904VG/5T	Car repair			153				535		535	535	535	535			535			
5904VU/2T	Universal maintenance			104				505	505	505	505	505	505			505			
5904VU/3T	Universal maintenance			146				506	506	506	506	506	506			506			
5904VU/4T	Universal maintenance			197				507	507	507	507	507	507						
5908VG/2T	Car repair			214												538			
5908VI/2T	Industrial maintenance			232								496	496			496			
5908VU/2T	Universal maintenance			161				508		508	508	508	508			508			
5910VI/3T	Industrial maintenance			261													499		

## ROLLER CABS & CONTAINERS

				ROLLER CABS & CONTAINERS														
				C35	C39MD - C39SM	C39T	C45PRO 2.0	RSC51	C54S - RSC55C	RSC55	RSC55PS - RSC55PSE	RSC50 2.0	C57SA - C57SD - C57SB C57SC - C57SP	C58P - C45PRO PAS	C59A - C59C	C59B	C59C	
				pieces														
LOOSE TOOLS	without supports	5902MT	Earth moving	106		☐ 529												
		5902MT/AS	Earth moving	99		☐ 530												
		5902VI	Industrial maintenance	107														
		5904VG/3	Car repair	132						☐ 533		☐ 533	☐ 533		☐ 533	☐ 533	☐ 533	
		5905VG/1	Car repair	94														
		5905VG/2	Car repair	118														
		5910VI/3	Industrial maintenance	297														
	with supports	5954VG	Car repair	138					☐ 542									
		5954VI	Industrial maintenance	133					☐ 502	☐ 502								
		5957U-P	Universal maintenance	133							☐ 515	☐ 515	☐ 515					
		5957VG	Car repair	174							☐ 543		☐ 543					
		5957VI	Industrial maintenance	162									☐ 501					☐ 501
		5958U	Universal maintenance	85			☐ 516			☐ 516	☐ 516	☐ 516		☐ 516				
	TRAYS	soft modules	5904VG/2M	Car repair	170		☐ 531	☐ 531			☐ 531		☐ 531	☐ 531		☐ 531	☐ 531	☐ 531
5904VU/1M			Universal maintenance	90		☐ 503	☐ 503	☐ 503		☐ 503		☐ 503	☐ 503		☐ 503	☐ 503	☐ 503	
5904VU/2M			Universal maintenance	144		☐ 504	☐ 504			☐ 504		☐ 504	☐ 504		☐ 504	☐ 504	☐ 504	
5927VU/M			Universal maintenance	108														
5935ET/1MB			Electrotechnical	96	☐ 522													
5935VG/1MB			Car repair	98	☐ 539													
5935VI/2MB			Industrial maintenance	133	☐ 500													
5945VUM			Universal maintenance	231			☐ 541											
5988H/7M			Car repair	333						☐ 519		☐ 519					☐ 519	☐ 519
5988L/4M			Car repair	273		☐ 520	☐ 520			☐ 520		☐ 520	☐ 520		☐ 520	☐ 520	☐ 520	
5980U/BIKE-M		Bicycle repair	106								☐ 518	☐ 518				☐ 518	☐ 518	
5988U6/M		Universal maintenance	214		☐ 521				☐ 521		☐ 521					☐ 521	☐ 521	
5988U/7M		Universal maintenance	215		☐ 510				☐ 510		☐ 510	☐ 510		☐ 510	☐ 510	☐ 510		
5988 VHB-MQ		Electrotechnical	66		☐ 525	☐ 525	☐ 525		☐ 525			☐ 525		☐ 525	☐ 525	☐ 525		
5989 VEM		Car repair	66								☐ 528					☐ 528		
foam trays		5904VI/1T	Industrial maintenance	98		☐ 494	☐ 494	☐ 494		☐ 494		☐ 494	☐ 494		☐ 494	☐ 494	☐ 494	
		5904VI/2T	Industrial maintenance	153		☐ 497				☐ 497		☐ 497	☐ 497		☐ 497	☐ 497	☐ 497	
		5904VI/3T	Industrial maintenance	144		☐ 495				☐ 495		☐ 495	☐ 495		☐ 495	☐ 495		
		5904VG/2T	Car repair	99		☐ 532	☐ 532	☐ 532		☐ 532		☐ 532	☐ 532		☐ 532	☐ 532	☐ 532	
		5904VG/3T	Car repair	102		☐ 534	☐ 534			☐ 534		☐ 534	☐ 534		☐ 534	☐ 534	☐ 534	
	5904VG/5T	Car repair	153		☐ 535				☐ 535		☐ 535	☐ 535		☐ 535	☐ 535	☐ 535		
	5904VU/2T	Universal maintenance	104		☐ 505	☐ 505			☐ 505		☐ 505	☐ 505		☐ 505	☐ 505	☐ 505		
	5904VU/3T	Universal maintenance	146		☐ 506	☐ 506			☐ 506		☐ 506	☐ 506		☐ 506	☐ 506	☐ 506		
	5904VU/4T	Universal maintenance	197		☐ 507	☐ 507			☐ 507		☐ 507	☐ 507		☐ 507	☐ 507	☐ 507		
	5908VG/2T	Car repair	214															
	5908VI/2T	Industrial maintenance	232								☐ 496					☐ 496	☐ 496	
	5908VU/2T	Universal maintenance	161		☐ 508				☐ 508		☐ 508	☐ 508		☐ 508	☐ 508	☐ 508		
	5910VI/3T	Industrial maintenance	261															



## 5902VI

assortment of 107 tools

### ► Industrial maintenance

#### Quantity/Description

- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 1 centre punch Ø 3 mm
- 1 flat chisels, ribbed type 200 mm
- 26 combination wrenches 6÷32 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 300 mm
- 13 1/2" square drive hexagon sockets with rail Ø 10÷22 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm
- 1 compound leverage shears, straight blades 250 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish = 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 8 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm
- 4 screwdrivers for cross head Phillips® screws ⚡ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1 engineer's hammer 500 g
- 1 dead blow hammer Ø 40 mm
- 1 engineer's scriber
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 5 Set of 5 second-cut files, with handles 200 mm
- 1 hacksaw frame, aluminium handle
- 1 Metal pressure oil can 300 cc
- 1 snap - off blade utility knife 170 mm
- 1

Beta N.	
31	
32	
35	
42/S26	
55/S12	
96N/SC9	
111E	
920A/SB13	
920/21	
920/22	
920/25	
920/42	
920/55	
1048N	
1052	
1084GBM	
1122	
1128BMX	
1150GBM	
1166GBM	
1260	
1262	
1370	
1392	
1688A	
1692	
1708/20	
1719BMA...S5	
1726BM	
1751N	
1771BM	
1838SW	

5902VI

059021060

Assortment recommended in combination with RSC22 - RSC23 - RSC23T - C25 - C27S



T80 T05 T06



T153 T138 T145 T236



T234 T33 T208 T68

## 5904VI/1T

assortment of 98 tools in ABS thermoformed trays

### ► Industrial maintenance

#### Quantity/Description

- 19 1/2" square drive hexagon sockets Ø 10÷24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 combination pliers bright chrome-plated = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 5 second cut files 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⚡ PH0x60 - PH1x80 - PH2x100 mm
- 6 T-handle wrenches with hexagon male ends Ø 2,5 - 3 - 4 - 5 - 6 - 8 mm

Beta N.	TR
920A	T80
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
42	T05
42	T06
1048N	T153
1052	T153
1084	T138
1150	T138
1166	T138
1032	T145
1034	T145
1036	T145
1038	T145
35	T234
1719BMA8/S5	T236
1370	T234
1390	T234
55	T33
96/SC9	T33
1260	T208
1262	T208
951	T68

5904VI/1T

059041161

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24L7 - RSC24L-CAB - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC28 - C37 - C39 - C39MD - C39SM - C39T - RSC55 - RSC50 2.0 - C59 - C57 - C58BC

# 5904VI/3T

assortment of 144 tools in ABS thermoformed trays

## ► Industrial maintenance

### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 9 screwdrivers for slotted head screws  $\bullet$  3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series  $\bullet$  4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 7 drivers for Torx® head screws  $\odot$  T6-T7-T8-T9-T10-T15-T20
- 5 1/2" drive, socket drivers for hexagon screws  $\odot$  5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 8 double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 mm
- 1 tommy bars for tubular wrenches
- 1 tommy bars for tubular wrenches
- 6 T-handle wrenches with hexagon male ends  $\odot$  2,5 - 3 - 4 - 5 - 6 - 8 mm
- 1 combination pliers bright chrome-plated, bi-material handles  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 Heavy-duty diagonal cutting nippers  $\llcorner$  160 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 circlip pliers straight, internal  $\odot$  140 mm
- 1 circlip pliers bent, internal  $\odot$  225 mm
- 1 circlip pliers straight, external  $\bullet$  140 mm
- 1 circlip pliers bent, external  $\bullet$  225 mm
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 digital vernier
- 1 flexible graduated rule 300 mm
- 1 measuring tape 5 m
- 1 riveting pliers 250 mm
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 hacksaw frame, aluminium handle
- (5) blades for hacksaw .
- 1 Metal pressure oil can 200 cc
- empty thermoformed tray

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96NSC9	T31
1260	T167
1260N	T167
1262	T202
1267TX	T205
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
930	T73
940/1	T73
940/2	T73
951	T68
1150BM	T137
1166BM	T137
1084BM	T137
1048N	T153
1052	T153
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1034	T146
1036	T146
1038	T146
1370	T231
1390	T231
1719BMA8/T	T231
1719BMA8/P	T231
1719BMA8/M	T231
1651DGTB	T297
1682	T297
1691BM	T297
1741B	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1741RV..K	T281
1112	T279
1128BM	T279
1726	T279
1728BM	T279
1751N	T279
VP6	VP6



T05 T06 T31



T167 T202 T205



T80 T73 T68



T137 T153 T145 T146



T231 T297 T281



T279 VP6

5904VI/3T

059041168

Assortment recommended in combination with RSC24 with 8 drawers- RSC24/A with 8 drawers - RSC24XL with 8-9 drawers  
RSC24AXLP/7 - RSC24AXXL - RSC28 - C37 with 8 drawers - C39 with 8 drawers - C39MD - C39SM - RSC55 - RSC50 2.0 - C59B - C58BC - C57

► **Industrial maintenance**

Quantity/Description



T80 T05 T06



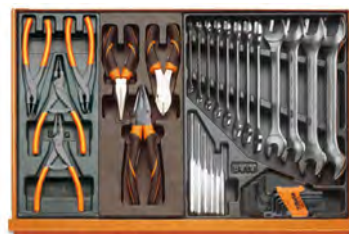
T91 T68 T40 T41



T199 T202 T201 T204



T234 T271 T153 T236



T145 T137 T31



T279 VP5



T273 T270

Quantity/Description	Beta N.	TR
5 1/2" drive, socket drivers for hexagon screws $\odot$ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1 1/2" drive extension bar 125 mm	920/21	T80
1 1/2" drive extension bar 255 mm	920/22	T80
1 1/2" drive universal joint	920/25	T80
1 1/2" drive sliding T-handle	920/42	T80
1 1/2" drive reversible ratchet $\oplus$	920/55	T80
19 1/2" square drive hexagon sockets $\odot$ 10+24 - 26 - 27 - 30 - 32 mm	920A	T80
16 combination wrenches 6+21 mm	42	T05
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T06
13 1/4" hexagon sockets $\odot$ 4+14 mm	900	T91
6 1/4" socket drivers for hexagon screws $\odot$ 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91
1 1/4" drive extension bar 50 mm	900/20	T91
1 1/4" drive extension bar 150 mm	900/21	T91
1 1/4" drive spinner handle	900BG/30	T91
1 1/4" drive universal joint	900/25	T91
1 1/4" drive swivel T-handle	900/42	T91
1 1/4" reversible ratchet $\oplus$	900/55	T91
6 T-handle wrenches with hexagon male ends $\odot$ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7 screwdrivers for slotted head screws $\bullet$ 2,5x50 - 3x75 - 3,5x100 - 4x125	1260	T199
5,5x100 - 5,5x150 - 6,5x150 mm		
6 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202
3 screwdrivers for slotted head screws $\bullet$ 8x200 - 10x150 - 10x200 mm	1260	T201
2 screwdrivers for slotted head screws, extra-short series $\bullet$ 4x30 - 6,5x30 mm	1260N	T201
2 screwdrivers for cross head Phillips® screws $\oplus$ PH3x150 - PH4x200 mm	1262	T204
2 screwdrivers for cross head Phillips® screws, extra - short series $\oplus$ PH1x30 - PH2x30 mm	1262N	T204
2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer $\varnothing$ 35 mm	1390	T234
1 riveting pliers 250 mm	1741	T271
100 aluminium rivets 2,9x6 mm	1741RV...K	T271
100 aluminium rivets 3,2x8 mm	1741RV...K	T271
100 aluminium rivets 3,8x10 mm	1741RV...K	T271
100 aluminium rivets 4x12 mm	1741RV...K	T271
100 aluminium rivets 4,8x12 mm	1741RV...K	T271
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N	T153
1 self - locking pliers 240 mm	1052	T153
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5	T236
1 circlip pliers straight, internal $\odot$ 180 mm	1032	T145
1 circlip pliers bent, internal $\odot$ 170 mm	1034	T145
1 circlip pliers straight, external $\bullet$ 175 mm	1036	T145
1 circlip pliers bent, external $\bullet$ 175 mm	1038	T145
1 combination pliers bright chrome-plated, bi-material handles $\equiv$ 180 mm	1150BM	T137
1 Extra-long needle nose pliers $\bullet$ 160 mm	1166BM	T137
1 Heavy-duty diagonal cutting nippers $\blacktriangledown$ 160 mm	1084BM	T137
5 pin punches $\varnothing$ 2 - 3 - 4 - 5 - 6 mm	31	T31
1 centre punch $\varnothing$ 4 mm	32	T31
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9 offset hexagon key wrenches $\odot$ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1 tin snips 250 mm	1112	T279
1 electrician's scissors, straight blades 145 mm	1128BM	T279
1 hacksaw frame, aluminium handle	1726	T279
5 blades for hacksaw	1728BM	T279
1 Metal pressure oil can 200 cc	1751N	T279
1 empty thermoformed tray	VP5	VP5
1 adjustable tap wrench M3+M12	435/1,5	T273
1 adjustable tap wrench M5+M21	435/3	T273
1 reversible ratcheting tap wrench 2,0+5,0 mm (M3+M8)	436/1	T273
1 reversible ratcheting tap wrench 4,6+8,0 mm (M5+M12)	436/2	T273
1 die stock 25,4 mm	444/1	T273
1 die stock 38,1 mm	444/2	T273
1 screw pitch gauge 0,25+6 W 62+4x1"	1707	T273
26 coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
14 fine pitch hand taps M6x0,75 - M8x1 - M10x1,25	433	T270
M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5		
7 round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
6 round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
2 round dies, fine pitch M6x0,75 - M8x0,75	441	T270
5 round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270



# 5904VI/2T

assortment of 153 tools in ABS thermoformed trays

## ► Industrial maintenance



T05 T06 T31



T40 T83 T91



T167 T168



T153 T138 T145 T68



T236 T234 T271 T294

### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6÷29 mm
- 19 1/2" square drive hexagon sockets Ø 10÷24 - 26 - 27 - 30 - 32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 13 1/4" hexagon sockets Ø 4÷14 mm
- 6 1/4" socket drivers for hexagon screws Ø 2,5÷8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet
- 9 screwdrivers for slotted head screws ● 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ● PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ● PH1x30 - PH2x30 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers < 160 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 combination pliers bright chrome-plated = 180 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm
- 5 second cut files 200 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 riveting pliers
- 100 aluminium rivets 2,9x6 mm
- 100 aluminium rivets 3,2x8 mm
- 100 aluminium rivets 3,8x10 mm
- 100 aluminium rivets 4x12 mm
- 100 aluminium rivets 4,8x12 mm
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD
- 1 snap - off blade utility knife 170 mm

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96NSC9	T31
90	T40
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1260	T167
1260N	T167
1262	T168
1262N	T168
1048N	T153
1052	T153
1084	T138
1166	T138
1150	T138
1032	T145
1034	T145
1036	T145
1038	T145
951	T68
1719BMA8/S5	T236
35	T234
1370	T234
1390	T234
1741	T271
1741RV..K	T271
1741RV..K	T271
1741RV..K	T271
1741RV..K	T271
1741RV..K	T271
1692	T294
1725CR	T294
1771RL	T294
1771	T294

**5910VI/3**  
assortment of 297 tools



► **Industrial maintenance**

Quantity/Description	Beta N.
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 125 - 250 mm	35
1 cape chisel, ribbed type 200 mm	37
30 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32-35-36-38-41 mm	42
14 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55
13 double ended offset ring wrenches 6x7+30x32 mm	90
14 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N
1 Adjustable wrench 250 mm	111E
1 heavy duty pipe wrench 300 mm	362
25 twist drills with cylindrical shanks, short series 1+13x0,5 mm	412/SP25
37 assortment of HSS taps and dies, metric thread	447/C37
1 ZERO-RESET click-type torque wrenches Ⓞ 1/2", 40±200 Nm	666/20
1 1/2" drive swivel T-handle	920/40
4 1/2" drive, socket drivers for hexagon screws Ø 10-12-14-17 mm	920ME
25 20 sockets and 5 accessories	920A/C20X
17 assortment of 12 sockets and 5 accessories 3/4"	928A/C12
12 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	932
14 T-handle wrenches with hexagon male ends 2+14 mm	951/S14
5 T handle wrenches with swivelling hexagon male ends Ø 3 - 4 - 5 - 6 - 8 mm	953
3 circlip pliers straight, internal Ⓞ 180 - 225 - 300 mm	1032
3 circlip pliers bent, internal Ⓞ 170 - 210 - 290 mm	1034
3 circlip pliers straight, external ● 140x1,3 - 175 - 225 mm	1036
3 circlip pliers bent, external ● 135x1,3 - 175 - 220 mm	1038
2 slip joint pliers, slip-proof PVC coated handles 250 - 300 mm	1048N
1 self locking pliers, double adjustment	1051
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 160 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 300 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ■ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1166GBM
1 extra-long bent needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1168GBM
9 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1260
2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm	1260N
5 screwdrivers for cross head Phillips® screws Ⓢ PH0x100 - PH1x120 - PH2x150 - PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series Ⓢ PH1x30 - PH2x30 mm	1262N
7 drivers for Torx® head screws Ⓢ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
2 engineer's hammer 300 - 600 g	1370
2 soft face hammer Ø 35 - 60 mm	1390
5 tapered extractors M3+M18	1430/S5
1 two - leg universal puller 23+70 mm	1500N/1
1 two - leg universal puller 23+100 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scriber	1688A
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/13
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 riveting pliers	1741
1 Metal pressure oil can 200 cc	1751N

► **Industrial maintenance**



T05 T06 T31



T40 T41 T80



T167 T168 +96N



T279  
T137 T145 T234 T236



Quantity/Description

- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm
- 7 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 19 1/2" square drive hexagon sockets Ø 10÷24 - 26 - 27 - 30 - 32 mm
- 9 screwdrivers for slotted head screws ● 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30 - PH2x30 mm
- 4 offset hexagon key wrenches Ø 13-14-17-19 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 hacksaw frame, aluminium handle
- (5) blades for hacksaw
- 1 Metal pressure oil can 200 cc
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175mm
- 1 circlip pliers bent, external ● 175mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 second cut files 200 mm
- 4 combination wrenches 35-36-38-41 mm
- 1 double open end wrenches 36x41 mm
- 1 Adjustable wrench 250 mm
- 1 heavy duty pipe wrench 300 mm
- 25 twist drills with cylindrical shanks, short series
- 37 assortment of HSS taps and dies, metric thread
- 1 ZERO-RESET click-type torque wrenches ⊕ 40÷200 Nm
- 17 assortment of 12 sockets and 5 accessories 3/4"
- 14 T-handle wrenches with hexagon male ends
- 5 T handle wrenches with swivelling hexagon male ends Ø 3-4-5-6-8 mm
- 1 circlip pliers straight, internal ○ 300 mm
- 1 circlip pliers bent, internal ○ 290 mm
- 1 circlip pliers straight, external ● 225 mm
- 1 circlip pliers bent, external ● 220 mm
- 1 slip joint pliers, slip-proof PVC coated handles 300 mm
- 1 self locking pliers, double adjustment
- 1 toggle lever assisted end cutting nippers ⚡ 180 mm
- 1 engineer's hammer 600 g
- 1 soft face hammer Ø 60 mm
- 5 tapered extractors M3-M18
- 1 two - leg universal puller
- 1 sliding gauge
- 1 semirigid stainless steel rule
- 1 engineer's scribe
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96NSC9	T31
90	T41
90	T40
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1260	T167
1260N	T167
1262	T168
1262N	T168
96N	T168
1112	T279
1128BM	T279
1726	T279
1728BM	T279
1751N	T279
1150BM	T137
1166BM	T137
1084BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
35	T234
1370	T234
1390	T234
1719BMA8/S5	T236
42	
55	
111E	
362	
412/SP25	
447/C37	
666/20	
928A/C12	
951/S14	
953	
1032	
1034	
1036	
1038	
1048N	
1051	
1092V	
1370	
1390	
1430/S5	
1500/3	
1650	
1683	
1688	
1692	
1708/13	
1712E/2	

## 5935VI/2MB

assortment of 133 tools for tool chest C35, in EVA foam trays

### ► Industrial maintenance

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17  
18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 150 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 Adjustable wrench 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers ✂ 160 mm
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" reversible ratchet ⊕
- 1 1/4" drive swivel T-handle
- 7 screwdrivers for slotted head screws ● 2,5x50-3x75-3,5x100-4x100-5,5x125-6,5x150-8x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30-6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH0x100-PH1x80-PH1x120-  
PH2x100-PH2x150-PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH1x30-PH2x30 mm
- 1 mains testing screwdriver ● 4x30-6,5x30 mm
- 9 ball head offset hexagon key wrenches ○
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 5 pin punches Ø 2-3-4-5-6 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels, ribbed type 200 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 45 mm
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle 440 mm

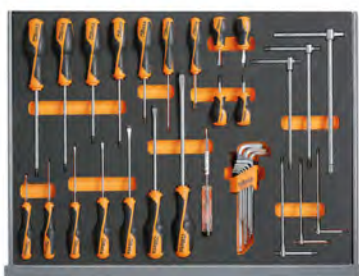
Beta N.	TR
42	MB12
55	MB12
1048N	MB12
920A	MB37
920AN/125	MB37
920AN/250	MB37
920/25	MB37
920/42	MB37
920/55	MB37
111E	MB37
1052	MB37
1084BM	MB37
1150BM	MB37
1166BM	MB37
1032	MB37
1034	MB37
1036	MB37
1038	MB37
900	MB37
900/20	MB37
900/21	MB37
900/25	MB37
900BG/30	MB37
900/55	MB37
900/42	MB37
1260	MB44
1260N	MB44
1262	MB44
1262N	MB44
1253	MB44
96BPC/SC9	MB44
951	MB44
31	MB55
32	MB55
35	MB55
1112	MB55
1128BMX	MB55
1370	MB55
1390	MB55
1719BMA...Q	MB55
1719BMA...T	MB55
1719BMA...P	MB55
1719BMA...M	MB55
1719BMA...R	MB55
1726	MB55



MB12



MB37



MB44



MB55



## ► Industrial maintenance

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
18 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30-32 mm	42
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96T/S8
8 offset key wrenches, for Torx® head screws ⊕ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/SC8
1 Adjustable wrench 250 mm	111E
13 1/2" square drive bi-hex sockets with rail ○ 10÷22 mm	920B/SB13
8 1/2" square drive bi-hex sockets with rail ○ 23÷32 mm	920B/SB8
4 1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws ⊕ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⊗	920/55
1 pry bar	963
2 circlip pliers straight, internal ○ 140 - 180 mm	1032
2 circlip pliers bent, internal ○ 130 - 170 mm	1034
2 circlip pliers straight, external ● 140 - 175 mm	1036
2 circlip pliers bent, external ● 135 - 175 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self locking pliers, double adjustment	1051
1 Heavy-duty diagonal cutting nippers ⊚ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⊚ 180 mm	1092V
1 tin snips 250 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades 147 mm	1128BMX
1 combination pliers bright chrome-plated, bi-material handles = 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 160 mm	1168BM
7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
3 engineer's hammer 300 - 600 - 1000 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 150 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 flat chisels, ribbed type 200 mm	35
1 cape chisel, ribbed type 200 mm	37
11 double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 19 - 22 - 24 mm	932
1 self - locking pliers 240 mm	1052
1 self - locking pliers 280 mm	1060
1 self - locking pliers 290 mm	1062
1 dead blow hammer Ø 50 mm	1392
1 two - leg universal puller 25÷130 mm	1500N/2
1 sliding gauge	1650
1 semirigid stainless steel rule 300 mm	1683
1 engineer's scriber	1688A
1 metric feeler gauge	1708/13
1 fold - away knife	1777BM
1 snap - off blade utility knife 170 mm	1771BM
1 Diagonal cutting nippers ⊚ 160 mm	1082BM

## ► Industrial maintenance

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 200-250 mm	35
18 combination wrenches 6-14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm	42
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12 offset hexagon key wrenches Ø 2-10 mm	96/SC12
1 Adjustable wrench 250 mm	111E
1 pipe wrench Swedish pattern 320 mm	374
20 1/2" square drive hexagon sockets Ø 10+24 - 26 - 27 - 28 - 30 - 32 mm	920A
6 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 - 14 mm	920ME
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive swivel T-handle	920/40
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet	920/55
6 T-handle wrenches with hexagon male ends Ø 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
2 circlip pliers straight, internal Ø 140 - 180 mm	1032
1 circlip pliers bent, internal Ø 170 mm	1034
2 circlip pliers straight, external Ø 140x1,3 - 175 mm	1036
1 circlip pliers bent, external Ø 175 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self-locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers ≤ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ≤ 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades 147 mm	1128BMX
1 combination pliers bright chrome-plated, bi-material handles = 180 mm	1150BM
1 Extra-long needle nose pliers Ø 160 mm	1166BM
1 mains testing screwdriver	1253
2 screwdrivers for slotted head screws Ø 8x150 - 10x200 mm	1260
2 screwdrivers for slotted head screws, extra-short series Ø 4x30 - 6,5x30 mm	1260N
2 screwdrivers for cross head Phillips® screws PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm	1262N
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 500 g	1370
1 soft face hammer Ø 45 mm	1390
1 measuring tape 5 m	1692
1 flexible magnetic pick-up tool 0,5 kg	1712E/1
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1726BM
1 plastic oil can 250 cc	1754



## 5904VU/1M

assortment of 90 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 drivers for Torx® head screws  $\odot$  T8-T10-T15-T20-T25-T30
- 3 screwdrivers for slotted head screws  $\bullet$  3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 8 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 combination pliers bright chrome-plated  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm

Beta N.	TR
42	M05
55	M33
96/SC9	M33
1267TX	M204
1260	M201
1262	M201
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M234
1370	M234
1390	M234
1032	M145
1034	M145
1036	M145
1038	M145



M05 M33 M204 M201



M50 M83



M137 M153 M234 M145

5904VU/1M

059041201

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L7 - RSC24L-CAB - RSC28 - C37 - C39 - C39T - C39SM - C39MD - RSC51 - RSC55 - RSC50 2.0 - C59 - C58BC - C57

## 5904VU/2M

assortment of 144 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6÷21 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for slotted head screws  $\bullet$  3x75-4x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 6 drivers for Torx® head screws  $\odot$  T8-T10-T15-T20-T25-T30
- 8 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6-7-8 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 19 1/2" square drive hexagon sockets  $\odot$  10÷24 - 26 - 27 - 30 - 32 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 combination pliers bright chrome-plated  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 mechanic's hammers 300 g
- 1 nylon face hammers, wooden shafts  $\varnothing$  35 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 empty foam tray
- 1 measuring tape 5 m
- 1 mini hacksaw frame
- 1 18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD
- 1 snap - off blade utility knife 170 mm
- 5 bits for slotted head screws, coloured  $\bullet$  0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm
- 8 hexagon bits for power drivers, coloured  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 bits for cross head Phillips® screws, coloured  $\oplus$  PH0 - PH1 - PH2 - PH3 - PH4
- 4 bits for cross head Pozidriv® - Supadriv® screws, coloured  $\oplus$  PZ1 - PZ2 - PZ3 - PZ4
- 11 bits for Torx® head screws, coloured  $\odot$  T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
- 8 bits for Tamper Resistant Torx® head screws, coloured  $\oplus$  T9-T10-T15-T20-T25-T27-T30-T40
- 1 magnetic bit holder with handle 230 mm
- 1 reversible bit ratchet  $\oplus$  100 mm
- 5 second cut files 200 mm
- 1 adaptors for drivers
- 1 magnetic bit holder extension bar

Beta N.	TR
42	M05
55	M33
96/SC9	M33
1260	M201
1262	M201
1267TX	M204
96T	M50
920AN/125	M83
920AN/250	M83
920/25	M83
920/42	M83
920/55	M83
920A	M83
1084	M137
1150	M137
1166	M137
1048N	M153
1052	M153
35	M237
1370T	M237
1390N	M237
1032	M145
1034	M145
1036	M145
1038	M145
VPM3	VPM3
1692	M294
1725CR	M294
1771RL	M294
1771	M294
860LP	M85
860PE	M85
860PH	M85
860PZ	M85
860TX	M85
860RTX	M85
851SR	M85
860/55	M85
1719BMA8/S5	M236
892/0	M85
882P	M85



M05 M33 M204 M201



M50 M83



M137 M153 M237 M145



VPM3 M294 M85 M236



## 5904VU/2T

assortment of 104 tools in ABS thermoformed trays

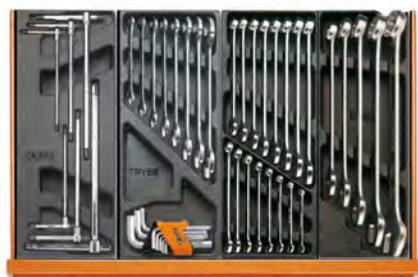
### ► Universal use



T199 T202 T83



T145 T153 T138 T234



T68 T33 T05 T06



T284

#### Quantity/Description

- 7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125  
5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws ⊕ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19  
20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet ⊗
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers < 160 mm
- 1 combination pliers bright chrome-plated = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches ○ 1,5÷10 mm
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17  
18-19-20-21 mm
- 5 combination wrenches 22-24-27-30-32 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 Multiuse scissors
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 blades for hacksaw
- 1 snap - off blade utility knife 170 mm
- 1 185 mm

Beta N.	TR
1260	T199
1262	T202
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1084	T138
1150	T138
1166	T138
35	T234
1370	T234
1390	T234
951	T68
55	T33
96/SC9	T33
42	T05
42	T06
1128BMX	T284
1130BMX	T284
1719BMA...Q	T284
1719BMA...P	T284
1719BMA...T	T284
1719BMA...M	T284
1719BMA...R	T284
1726BM	T284
1728BM	T284
1771BM	T284
1778V18	T284

# 5904VU/3T

assortment of 146 tools in ABS thermoformed trays

## ► Universal use

### Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches ⌀ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches ⌀ 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx® head screws, with handles ⌀ T10-T15-T20-T25-T27-T30
- 5 1/2" drive, socket drivers for hexagon screws ⌀ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ⌀ 10+24 - 26 - 27 - 30 - 32 mm
- 13 1/4" hexagon sockets ⌀ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ⌀ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 circlip pliers straight, internal ⌀ 180 mm
- 1 circlip pliers bent, internal ⌀ 170 mm
- 1 circlip pliers straight, external ⌀ 175 mm
- 1 circlip pliers bent, external ⌀ 175 mm
- 1 combination pliers bright chrome-plated = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 4 screwdrivers for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Pozidriv®-Supadriv® screws Ⓢ PZ0 - PZ1 - PZ2
- 7 drivers for Torx® head screws Ⓢ T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 5 second cut files 200 mm

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
96T	T52
97TTX	T55
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1032	T145
1034	T145
1036	T145
1038	T145
1150	T138
1166	T138
1084	T138
1048N	T153
1052	T153
1260	T198
1269PZ	T198
1267TX	T205
35	T234
1370	T234
1390	T234
1719BMA8/S5	T236



T05 T06 T31



T52 T55 T80



T91 T145 T138 T153



T198 T205 T234 T236

## 5904VU/4T

assortment of 197 tools in ABS thermoformed trays

### ► Universal use



T01

T83



T91

T156

T40

T211



T213

T216

T234

T259



#### Quantity/Description

- 1 drift punches Ø 4 mm
- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet Ⓢ
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet Ⓢ
- 1 Diagonal cutting nippers ⚗ 160 mm
- 1 combination pliers bright chrome-plated ⚗ 180 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 7 screwdriver for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125-5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdriver for cross head Phillips® screws ⚙ PH0x60 - PH1x80 - PH1x120- PH2x100 - PH2x150 - PH3x150 mm
- 7 screwdrivers for Torx® head screws, with handles ○ T6-T7-T8-T9-T10-T15-T20
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 7 ball head offset hexagon key wrenches burnished ○ 2,5-3-4-5-6-8-10 mm
- 1 offset hexagon key wrenches ○ 12 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕
- 1 socket holder

Beta N.	TR
	30
	31
	32
867/C52	
	42
	90
920A	T83
	920/21
920/22	T83
920/25	T83
920/42	T83
920/55	T83
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1082	T156
1150	T156
1048N	T156
1201E	T211
	1202E
	T213
1207E/TX	T216
35	T234
1370	T234
1390	T234
96BP	T259
96N	T259
860MIX/A31	T259
895/1	T259

5904VU/4T

059241100

Assortment recommended in combination with items RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB - C37 - C39 - C39T - C39SM - C39MD - RSC55 - RSC50 2.0 - C59 - C58BC - C57

► **Universal use**



T05 T06 T31



T40 T52 T55 T91



T82 T138 T153



T145 T170 T171 T172



T173 T234 T236 VP4

Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 6 offset hexagon key wrenches 2-2,5-3-4-5-6 mm
- 6 drivers for Torx® head screws, with handles T10-T15-T20-T25-T27-T30
- 19 1/2" square drive hexagon sockets 10-11-12-13-14-15-16-17-18-19-20-21  
22-23-24-26-27-30-32 mm
- 5 1/2" drive, socket drivers for hexagon screws 5-6-8-10-12 mm
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet
- 13 1/4" hexagon sockets 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 6 1/4" socket drivers for hexagon screws 2,5-3-4-5-6-8 mm
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet
- 1 Heavy-duty diagonal cutting nippers 160 mm
- 1 combination pliers bright chrome-plated 180 mm
- 1 Extra-long needle nose pliers 160 mm
- 1 circlip pliers straight, internal 180 mm
- 1 circlip pliers bent, internal 170 mm
- 1 circlip pliers straight, external 175 mm
- 1 circlip pliers bent, external 175 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 7 screwdrivers for slotted head screws 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm
- 3 screwdrivers for slotted head screws 8x150-8x200-10x200 mm
- 2 screwdriver for slotted head screws, extra-short series 4x30-6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws PH0x60-PH0x100-PH1x80-PH1x120-  
PH2x100-PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws PH3x150-PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series PH1x30-PH2x30 mm
- 1 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 empty thermoformed trays

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96NSC9	T31
90	T40
96T	T52
97TTX	T55
920A	T82
920ME	T82
920AN/125	T82
920AN/250	T82
920/25	T82
920/42	T82
920/55	T82
900	T91
900ME	T91
900/20	T91
900/21	T91
900/25	T91
900BG/30	T91
900/42	T91
900/55	T91
1084	T138
1150	T138
1166	T138
1032	T145
1034	T145
1036	T145
1038	T145
1048N	T153
1052	T153
1290	T170
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1719BMA...Q	T236
1719BMA...T	T236
1719BMA...P	T236
1719BMA...M	T236
1719BMA...R	T236
VP4	

## 5914VU/M

assortment of 109 tools for tool trolley C14, in EVA foam trays

### ► universal use

#### Quantity/Description

- 31
- 1 socket holder
- 13 1/4" hexagon sockets  $\odot$  4-4,5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet
- 16 1/2" square drive hexagon sockets  $\odot$  10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6-8-10 mm
- 1 Adjustable wrench 250 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 measuring tape 5 m
- 1 snap - off blade utility knife 170 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 Diagonal cutting nippers  $\nless$  160 mm
- 1 combination pliers bright chrome-plated, bi-material handles  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 3 screwdrivers for slotted head screws  $\bullet$  3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm

Beta N.	TR
861MIX/A31	MCT1
895/1	MCT1
900	MCT1
900/...	MCT1
900/25	MCT1
900BG/30C	MCT1
900/42	MCT1
900/55	MCT1
920A	MCT1
920/25	MCT1
920AN/125	MCT1
920/42	MCT1
920/55	MCT1
42	MCT2
96/SC9	MCT2
111E	MCT2
1128BMX	MCT2
1692/5	MCT2
1771	MCT2
1048N	MCT3
1082BM	MCT3
1150BM	MCT3
1166BM	MCT3
1260	MCT3
1262	MCT3



MC T1



MC T2



MC T3

5914VU/M

059140112

Assortment recommended in combination with tool trolley C14

NB: for correct closure of upper module of tool trolley, tool panel under cover should be removed.

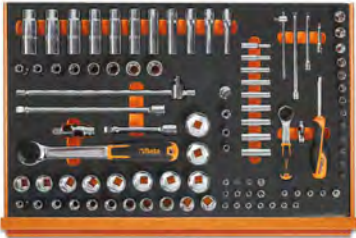
# 5988U/7M

assortment of 215 tools in EVA foam trays

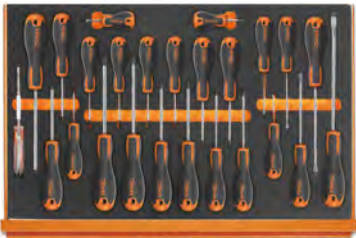
## ► Universal use



M01



M100



M213



M33 M86 M136 M234

### Quantity/Description

- 22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 7 hexagon bits  $\odot$  4-5-6-7-8-10-12 mm
- 7 hexagon bits  $\odot$  4-5-6-7-8-10-12 mm
- 5 bits with XZN<sup>®</sup> profile  $\odot$  5-6-8-10-12 mm
- 5 bits with XZN<sup>®</sup> profile  $\odot$  5-6-8-10-12 mm
- 7 bits for Torx<sup>®</sup> head screws  $\odot$  T20-T25-T30-T40-T45-T50-T55
- 6 bits for Torx<sup>®</sup> head screws  $\odot$  T25-T30-T40-T45-T50-T55
- 7 bits for Tamper Resistant Torx<sup>®</sup> head screws  $\odot$  T20-T25-T30-T40-T45-T50-T55
- 1 bit holder sockets for item 867
- 1 bit holder sockets for item 867
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 13 1/4" hexagon sockets  $\odot$  4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series  $\odot$  5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws  $\odot$  3-4-5-6-7 mm
- 4 1/4" socket drivers for slotted head screws  $\bullet$  0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- 4 1/4" socket drivers for cross head Phillips<sup>®</sup> screws  $\oplus$  PH1-PH2-PH3-PH4
- 7 socket drivers for Torx<sup>®</sup> head screws  $\odot$  T10-T15-T20-T25-T27-T30-T40
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet  $\oplus$
- 21 1/2" square drive hexagon sockets  $\odot$  8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 8 1/2" sockets for Torx<sup>®</sup> head screws  $\odot$  10-12-14-16-18-20-22-24 mm
- 11 hexagon hand sockets  $\odot$  10-12-13-14-15-16-17-18-19-21-22 mm
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 combination pliers bright chrome-plated, bi-material handles  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 6 screwdriver for slotted head screws  $\bullet$  2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1 screwdriver for slotted head screws, extra-short series  $\bullet$  4x30 mm
- 4 screwdriver for cross head Phillips<sup>®</sup> screws  $\oplus$  PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1 screwdriver for cross head Phillips<sup>®</sup> screws, extra-short series  $\oplus$  PH1X30 mm
- 12 screwdrivers for Torx<sup>®</sup> head screws, with handles  $\odot$  T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1 mains testing screwdriver  $\bullet$
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm

Beta N.	TR
42	M01
55	M33
96/SC9	M33
867PE	M86
867PE/L	M86
867XZN	M86
867XZNL	M86
867TX	M86
867TXL	M86
867RTX	M86
867/1	M86
867/2	M86
895/1	M100
895/3	M100
895/6	M100
900	M100
900L	M100
900ME	M100
900LP	M100
900PH	M100
900TX	M100
900/20	M100
900/20L	M100
900/21	M100
900/25	M100
900B/G/30	M100
900/42	M100
900/55	M100
920A	M100
920/15	M100
920/25	M100
920AN/125	M100
920AN/250	M100
920/42	M100
920/55	M100
920FTX	M100
920AL	M100
1084BM	M136
1150BM	M136
1166BM	M136
1201E	M213
1201EN	M213
1202E	M213
1202EN	M213
1207E/TX	M213
1253	M213
35	M234
1370	M234
1390	M234

## 5915VU/0

Assortment of 35 tools

### ► Universal use

#### Quantity/Description

- 1 centre punch 4 mm
- 1 flat chisels, ribbed type 125 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 7 Offset hexagon key wrenches  $\varnothing$  1,5-2-2,5-3-4-5-6 mm
- 1 Adjustable wrench 150 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish  $\pm$  160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75-4x100-5,5x100-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80-PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 snap - off blade utility knife 170 mm
- 1 car service knife
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens

Beta N.
32
35
55
96/BGS7
111E
1048N
1082G
1128BMX
1150G
1166G
1201E
1202E
1370
1692/3
1771
1778SOS
1833S



5915VU/0

059151021

Assortment recommended in combination with C5 - C5S - C6T - C9MT

## 5915VU/1

Assortment of 45 tools

### ► Universal use

#### Quantity/Description

- 2 drift punches  $\varnothing$  2-3 mm
- 1 centre punch  $\varnothing$  4 mm
- 2 flat chisels 125-150 mm
- 1 cape chisels, standard type 150 mm
- 14 combination wrenches 6+14 - 17 - 19 - 21 - 22 - 24 mm
- 9 offset hexagon key wrenches  $\varnothing$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish  $\pm$  160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 snap - off blade utility knife 170 mm

Beta N.
30
32
34
36
42
96/SC9
111E
1048N
1082G
1128BMX
1150G
1166G
1201E
1202E
1370
1692
1771



5915VU/1

059151024

Assortment recommended in combination with C8 - C9 - C10 - C10S - C11 - CP15 - CP15L - C16 - CP17 - CP17L - C18

## 5915VU/2

Assortment of 49 tools

### ► Universal use

#### Quantity/Description

- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15  
16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 13 1/4" hexagon sockets  $\odot$  4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet  $\text{\textcircled{R}}$
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\text{\textcircled{I}}$  180 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\bullet$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD
- 1 snap - off blade utility knife 170 mm

- | Beta N.  |
|----------|
| 55/B8N   |
| 96/SC9   |
| 900      |
| 900/21   |
| 900/25   |
| 900BG/30 |
| 900/42   |
| 900/55   |
| 1048N    |
| 1128BMX  |
| 1150G    |
| 1201E    |
| 1202E    |
| 1370     |
| 1692     |
| 1771RL   |
| 1771     |

5915VU/2

059151027

Assortment recommended in combination with C7 - CP15 - C20 - C20L

## 5915VU/3

assortment of 74 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches  $\varnothing$  4 mm
- 1 centre punch  $\varnothing$  4 mm
- 1 flat chisels 150 mm
- 14 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 3 offset hexagon key wrenches  $\odot$  4 - 5 - 6 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets  $\odot$  8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\text{\textcircled{R}}$
- 8 double ended hexagon tubular socket wrenches,  
light series 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 2 tommy bars for tubular wrenches
- 1 Slip joint pliers, boxed joints 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\text{\textcircled{I}}$  160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\text{\textcircled{I}}$  180 mm
- 1 extra-long needle knurled nose pliers,  
slip-proof double layer PVC coated handles,  
industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\bullet$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil can 150 cc
- 1 snap - off blade utility knife 170 mm

- | Beta N. |
|---------|
| 31      |
| 32      |
| 34      |
| 42      |
| 96/SC9  |
| 96T     |
| 111E    |
| 920A    |
| 920/21  |
| 920/22  |
| 920/25  |
| 920/42  |
| 920/55  |
| 935     |
| 940     |
| 1048VN  |
| 1052    |
| 1084G   |
| 1128BMX |
| 1150G   |
| 1166G   |
| 1201E   |
| 1202E   |
| 1370    |
| 1692    |
| 1726    |
| 1754    |
| 1771    |

5915VU/3

059151028

Assortment recommended in combination with C7 - C9 - C10 - C10S - C11 - CP15L - C16 - CP17 - CP17L - C19 - C19L - C20 - C20L



## 5915VU/4

Assortment of 80 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-19-22-24 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 1 Adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets  $\odot$  8+17 - 19 - 22 - 24 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\oplus$
- 17 double ended hexagon/bi - hex offset socket wrenches 6+22 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish  $\nabla$  160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 riveting hammer 32 mm
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil can 150 cc
- 1 snap - off blade utility knife 170 mm

#### Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 111E
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 932/S17
- 1048N
- 1052
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1201E
- 1202E
- 1370F
- 1692
- 1726
- 1754
- 1771

5915VU/4

059151045

Assortment recommended in combination with C20 - C20L

## 5915VU/5

assortment of 111 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 17 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 ball head offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6-8-10 mm
- 1 Adjustable wrench 250 mm
- 39 11 hexagon sockets, 20 bits and 8 accessories
- 13 11 sockets and 2 accessories
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish  $\nabla$  160 mm
- 1 construction worker's pincers 220 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish  $\bullet$  160 mm
- 4 screwdriver for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 3 m
- 1 second cut files
- 1 hacksaw frame, aluminium handle 440 mm
- 1 snap - off blade utility knife 170 mm
- 1 LED inspection torch, made of sturdy anodized aluminium

#### Beta N.

- 31
- 32
- 34
- 42
- 55/S8
- 96BPC/SC9
- 111E
- 900/C11
- 920A/C11
- 1048N
- 1052
- 1082G
- 1098
- 1128BMX
- 1150G
- 1166G
- 1201E
- 1202E
- 1370
- 1390
- 1692/3
- 1719BMA8/M
- 1726
- 1771BM
- 1833XS/2

5915VU/5

059151046

Assortment recommended in combination with C12 - C41S - C41H - C42S - C42H



## 5915VU/AS

assortment of 68 tools

### ► Universal use

#### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 13 combination wrenches 1/4 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 8 double ended offset ring wrenches 1/4"±1"
- 9 offset hexagon key wrenches, burnished ○ 3/64"±3/8"
- 1 Adjustable wrench 250 mm
- 11 1/2" square drive bi - hex sockets ○ 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ¶ 160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish ≡ 180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm
- 4 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil can 150 cc
- 1 snap - off blade utility knife 170 mm

#### Beta N.

- 31
- 32
- 34
- 42AS
- 90AS/8
- 96AS/SC9
- 111E
- 920AS
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 1048N
- 1052
- 1084GBM
- 1128BMX
- 1150GBM
- 1166GBM
- 1201E
- 1202E
- 1370
- 1692
- 1726
- 1754
- 1771

5915VU/AS

059151032

Assortment recommended in combination with C10 - C20 - C20L



MC10



MC20

## 5927VU/M

assortment of 108 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 1 Heavy-duty diagonal cutting nippers ¶ 160 mm
- 9 offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 combination pliers bright chrome-plated, bi-material handles ≡ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 3 screwdriver for slotted head screws ● 3,5x100-5,5x150-6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x3x60-PH1x4,5x80-PH2x6x100 mm
- 31 ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 engineer's hammer 300 mm
- 1 centre punch 4 mm
- 1 cape chisels, standard type 4 mm
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 16 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/4" drive swivel T-handle
- 1 1/2" drive reversible ratchet ⊕
- 1 socket holder

#### Beta N. TR

- 42 MC10
- 1084BM MC10
- 96/SC9 MC10
- 1150BM MC10
- 1166BM MC10
- 1201E MC10
- 1202E MC10
- 861MX/A31 MC20
- 1048N MC20
- 1370 MC20
- 32 MC20
- 36 MC20
- 900 MC20
- 900/21 MC20
- 900/25 MC20
- 900BG/30C MC20
- 900/42 MC20
- 900/55 MC20
- 920A MC20
- 920/25 MC20
- 920AN/125 MC20
- 900/42 MC20
- 920/55 MC20
- 895/1 MC20

5927VU/M

059271021

Assortment recommended in combination with RSC22 - C27S - RSC23 - RSC23C

# 5957U-P

assortment of 133 tools



## ► Universal use

Quantity/Description	Beta N.
6 pin punches 2 ÷ 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17 combination wrenches 6÷22 - 24 - 27 - 30 mm	42/S17X
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
8 offset key wrenches, for Torx® head screws ⚙ T9 ÷ T40	97TX/SC8
1 Adjustable wrench 250 mm	111E
13 1/2" square drive hexagon sockets with rail ⌀ 10 ÷ 22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail ⌀ 23 ÷ 32 mm	920A/SB8
7 socket drivers for cross head Phillips® screws ⚙	920LH/SB7
⚙ 1,2x65 - 1,2x8 - 1,6x9 - 2x12mm - PH1-PH2-PH3	
1 circlip pliers straight, internal ⌀ 180 mm	1032
1 circlip pliers bent, internal ⌀ 170 mm	1034
1 circlip pliers straight, external ⌀ 175 mm	1036
1 circlip pliers bent, external ⌀ 175 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades 147 mm	1128BMX
8 set of screwdrivers 2,5x50 - 3x75 - 4x100 - 5,5x125	1263/D8
6,5x150 - PH0 - PH1 - PH2	
2 engineer's hammer 300 - 600 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692/5
1 flexible magnetic pick-up tool	1712E/2
1 two cutting edges scraper 150 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 Metal pressure oil can 200 cc	1751N
1 snap - off blade utility knife 170 mm	1771BM
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 250 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⚙	920/55
1 pry bar	963
1 Diagonal cutting nippers ⚡ 160 mm	1082BM
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 combination pliers bright chrome-plated, bi-material handles ≡ 180 mm	1150BM
1 Extra-long needle nose pliers ⚙ 160 mm	1166BM
1 Extra-long bent needle nose pliers ⚙ 160 mm	1168BM
2 screwdrivers for slotted head screws ⚙ 8x200 - 10x200 mm	1260
2 screwdrivers for cross head Phillips® screws ⚙ PH3 8x150mm	1262
1 sliding gauge	1650
1 hacksaw frame, aluminium handle 420 mm	1725

**5958U**

Assortment of 85 tools



► **Universal use**

Quantity/Description	Beta N.
17 combination wrenches 6÷22 mm	42
12 offset hexagon key wrenches $\varnothing$ 2÷10 mm	96N/SC12
13 1/2" square drive hexagon sockets with rail $\varnothing$ 10÷22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail $\varnothing$ 23÷32 mm	920A/SB8
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet $\odot$	920/55
1 circlip pliers straight, internal $\varnothing$ 180 mm	1032
1 circlip pliers straight, external $\bullet$ 175 mm	1036
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Heavy-duty diagonal cutting nippers $\nless$ 160 mm	1084BM
1 electrician's scissors, straight blades 147 mm	1128BMX
1 combination pliers bright chrome-plated, bi-material handles $\equiv$ 180 mm	1150BM
1 Extra-long needle nose pliers $\bullet$ 160 mm	1166BM
7 screwdrivers for slotted head screws $\bullet$ 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm	1260
4 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262/S4
1 engineer's hammer 300 g	1370
1 soft face hammer $\varnothing$ 35 mm	1390
1 measuring tape 5 m	1692
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725
1 plastic oil can 150 cc	1754
1 snap - off blade utility knife 170 mm	1771

5958U

059581008

Assortment recommended in combination with C58P - C45PRO 2.0 - RSC55 - RSC50 2.0 E - RSC50 2.0 F - RSC50 2.0 G - RSC50 2.0 H - RSC50 2.0 I - RSC50 2.0 L

## 5980U/BIKE

assortment of 90 tools

### ► Bicycle repairs

Quantity/Description	Beta N.
5 combination wrenches 8-9-10-13-14 mm	42
9 ball head offset hexagon key wrenches burnished $\odot$ 1,5-2-2,5-3-4-5-6-8-10 mm	96BP/SC9
8 offset hexagon key wrenches 2-2,5-3-4-5-6-8-10 mm	96T/S8
8 drivers for Torx® head screws, with handles $\odot$ T8-T10-T15-T20-T25-T27-T30-T40	97TTX/S8
1 Wide opening adjustable wrenches, chrome-plated, short series 170 mm	111CM
1 pipe cutter for copper and light alloy pipes	334
1 click-type torque wrenches with reversible ratchets 2±10 Nm	605E
13 $\odot$ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900/SB13
1 1/4" drive extension bar	900/21
1 1/4" drive universal joint	900/25
1 1/4" reversible ratchet $\oplus$	900/55
1 diagonal cutting nippers, slip-proof double layer PVC coated handles, industrial finish $\nabla$ 160 mm	1082G
1 electrician's scissors, straight blades 145 mm	1128BM
1 heavy duty combination pliers, slip-proof double layer PVC coated handles, industrial finish $\equiv$ 180 mm	1150G
1 extra-long needle knurled nose pliers, slip-proof double layer PVC coated handles, industrial finish $\bullet$ 180 mm	1166G
7 3x75-4x125-5,5x150-6,5x150-PH0x60-PH1x80-PH2x100 mm	1203E/D
1 engineer's hammer 300 g	1370
1 soft face hammer $\varnothing$ 35 mm	1390
1 sliding gauge 150 mm	1650
1 measuring tape 3 m	1692/3
1 second-cut flat files 200 mm	1719BMA...P
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle 300 mm	1725
1 snap - off blade utility knife 170 mm	1771
1 chain wear indicator 120 mm	3935
1 missing link pliers 170 mm	3937
7 set of 7 simple cone wrenches 13-14-15-16-17-18-19 mm	3952/S7
1 pedal wrench 15 mm	3953
1 spoke wrench, black, 3,2 mm $\square$	3961 3,2
1 spoke wrench, green, 3,3 mm $\square$	3961 3,3
1 spoke wrench, red, 3,5 mm $\square$ 3	3961 3,5
1 professional spoke wrench, 3,2 - 4,0 mm $\square$ 3,2 - 4,0 mm	3961U
1 sprocket removal wrench with chain whip 289 mm	3967
1 tyre lever 200 mm	3969
3 kit with 3 tyre levers, made of plastic 113 mm	3969K3
1 lever for pushing back disc brake pads 222 mm	3991
1 disc brake straightener 234 mm	3992



5980U/BIKE

059801040

Assortment recommended in combination with C16 - CP17 - CP17L - C20L

## 5980U/BIKE-M

assortment of 106 bicycle repair and maintenance tools



### Quantity/Description



M05 M50 M55



M137 M234 M236 M294



M213



M400



M401

- | Quantity/Description   | Beta N.      | TR   |
|--|--------------|------|
| 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm                                     | 42           | M05  |
| 8 offset hexagon key wrenches 2-2,5-3-4-5-6-7-8 mm   | 96T          | M50  |
| 5 drivers for Torx® head screws, with handles TX10-TX15-TX20-TX25-TX30                                     | 97TTX        | M55  |
| 1 Heavy-duty diagonal cutting nippers 160 mm   | 1084         | M137 |
| 1 combination pliers bright chrome-plated 160 mm   | 1150         | M137 |
| 1 Extra-long needle nose pliers 160 mm   | 1166         | M137 |
| 6 screwdriver for slotted head screws 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm                           | 1201E        | M213 |
| 1 screwdriver for slotted head screws, extra-short series 4x30 mm  | 1201EN       | M213 |
| 4 screwdriver for cross head Phillips® screws PH0x60-PH1x80-PH2x100-PH3x150 mm                             | 1202E        | M213 |
| 1 screwdriver for cross head Phillips® screws, extra-short series 4,5x30 mm                                | 1202EN       | M213 |
| 12 screwdrivers for Torx® head screws, with handles TX6-TX7-TX8-TX9-TX10-TX15-TX20-T25-TX27-TX30-TX40-TX45 | 1207E/TX     | M213 |
| 1 mains testing screwdriver  | 1253         | M213 |
| 1 engineer's hammer 300 g  | 1370         | M234 |
| 1 soft face hammer Ø 35 mm   | 1390         | M234 |
| 2 flat chisels, ribbed type 100-200 mm   | 35           | M234 |
| 1 Set of 5 second-cut files, with handles 200 mm   | 1719BMA...S5 | M236 |
| 1 measuring tape 5 m   | 1692         | M294 |
| 1 mini hacksaw frame 250 mm  | 1725CR       | M294 |
| 1 snap - off blade utility knife 170 mm  | 1771         | M294 |
| 1 18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM, 1771HD                          | 1771RL       | M294 |
| 1 professional chain tool compatible with chains from 5 to 11 speeds                                       | 3932U        | M400 |
| 1 chain wear indicator   | 3935         | M400 |
| 1 missing link pliers  | 3937         | M400 |
| 7 simple cone wrench 13-14-15-16-17-18-19 mm   | 3952         | M400 |
| 1 spoke wrench, black, 3,2 mm □ 3,2 mm   | 3961 3.2     | M400 |
| 1 spoke wrench, green, 3,3 mm □ 3,3 mm   | 3961 3.3     | M400 |
| 1 spoke wrench, red, 3,5 mm □ 3,5 mm   | 3961 3.5     | M400 |
| 1 professional spoke wrench, 3,2 - 4,0 mm □ 3,2-4,0 mm   | 3961U        | M400 |
| 1 tyre lever   | 3969         | M400 |
| 1 kit with 3 tyre levers, made of plastic  | 3969K3       | M400 |
| 1 16-notch bottom bracket removal socket 39 mm   | 3973/1       | M400 |
| 1 16-notch bottom bracket removal socket 41 mm   | 3973/2       | M400 |
| 1 16-notch bottom bracket removal socket 46 mm   | 3973/3       | M400 |
| 1 20-notch bottom bracket removal socket with central pin, nickel-plated 31,5 mm                           | 3973/4       | M400 |
| 1 BMX freewheel removal wrench, 2 grafts 35 mm   | 3984/1       | M400 |
| 1 Shimano freewheel removal wrench 22,8 mm   | 3984/2       | M400 |
| 1 Shimano freewheel removal wrench, cassette with guide pin 23,5 mm  | 3984/3       | M400 |
| 1 Campagnolo freewheel removal wrench, with guide pin 23 mm  | 3984/4       | M400 |
| 1 lever for pushing back disc brake pads   | 3991         | M400 |
| 1 disc brake straightener  | 3992         | M400 |
| 1 derailleur hanger alignment gauge  | 3921         | M401 |
| 1 crank extractor  | 3948         | M401 |
| 1 pedal wrench   | 3953         | M401 |
| 2 open end wrenches for universal headsets 30x32-32x36 mm  | 3955         | M401 |
| 1 sprocket removal wrench with chain whip  | 3967         | M401 |
| 1 wrench for Shimano plastic bolts   | 3971         | M401 |

# 5988H/7M

assortment of 333 tools in EVA foam trays

## ► Car repairs

### Quantity/Description



M125



M25



M105



M166



M231



M62



M78

- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 7 1/2" sockets for Torx® head screws ○ E12-E14-E16-E18-E20-E22-E24
- 10 1/2" socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 13 1/2" drive, socket drivers for Torx® head screws ○ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 1/2" socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 17 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder ○ 1/4-□1/4
- 1 socket holder ○ 1/4-□3/8
- 1 socket holder ○ 5/16-□1/2
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 4 1/4" socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,51,2x8 mm
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 1/4" socket drivers for cross head Phillips® screws ● PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ○ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □1/4-■3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 1 1/4" drive spinner handle
- 17 3/8" hexagon hand sockets ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drivers □3/8-■1/4
- 1 adaptor, 1/2" female and 3/8" male drives □3/8-■1/2
- 1 3/8" extension bar 125 mm
- 1 3/8" extension bar 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊕
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-4-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 2 1/2" wobble extension bar 125-250 mm
- 1 adaptor, 1/2" female and 3/8" male drives □1/2-■3/8
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 3 3/8" square drive spark plug sockets ○ 16-17,8-20,8 mm
- 31 ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 Diagonal cutting nippers ✂ 160 mm
- 1 combination pliers bright chrome-plated, bi-material handles ■ 180 mm
- 1 Extra-long flat knurled nose pliers ■ 160 mm
- 5 screwdrivers for slotted head screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ● PH1-PH2-PH3
- 1 screwdriver for cross head Phillips® screws, extra-short series ● PH2
- 4 drivers for Torx® head screws, with handles ○ T20-T25-T27-T30
- 6 pin punches 2-3-4-5-6-8 mm
- 1 centre punch 4 mm
- 3 flat chisels 125-150-75 mm
- 1 cape chisels, standard type 125 mm
- 2 engineer's hammer 500-1000 g
- 1 telescopic magnet with flexible head
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 smooth half - round long needle nose pliers ● 140 mm
- 1 diagonal cutting nippers ✂ 125 mm
- 4 micro-screwdrivers for slotted head screws ● 2,0-2,5-3,0-3,5 mm
- 2 micro-screwdrivers for cross-head Phillips® screws ● 0-00
- 9 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30-T40-T45-T50
- 1 self - locking pliers 240 mm
- 1 adjustable self locking pliers, long jaws 175 mm
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 plastic hose pliers
- 1 sliding gauge
- 1 metric feeler gauge
- 1 packing scraper
- 7 double swivel end socket wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 1/2" drive swivel handle
- 1 pry bar with handle 450 mm
- 1 telescopic joint inspection mirror 670 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 Steel wire brush

Beta N.	TR
910AL	M125
920AL	M125
920FTX	M125
920PE	M125
920TX	M125
920XZN	M125
42	M25
90	M25
123Q1/4	M25
123Q3/8	M25
123Q1/2	M25
142	M25
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900	M105
900L	M105
900LP	M105
900ME	M105
900PH	M105
900TX	M105
900T	M105
900/16	M105
900/...	M105
900/25	M105
900/42	M105
900/55	M105
900/55	M105
900BG/30	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/55	M105
920A	M105
920AN	M105
920/15	M105
920/25	M105
920/42	M105
920/55	M105
956E	M105
861MIX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166
31	M231
32	M231
34	M231
36	M231
1370	M231
1712FT	M231
1390	M231
1692	M125
1032	M62
1034	M62
1036	M62
1038	M62
1177BM	M62
1188BM	M62
1257LP	M62
1257PH	M62
97TTX	M62
1052	M78
1058	M78
1481PL/A	M78
1481PL/B	M78
1481PL/C	M78
1650	M78
1708/20	M78
1716P	M78
80	M78
920/36A	M78
965	M78
1715	M231
1719BMA8/M	M231
1719BMA8/P	M231
1719BMA8/Q	M231
1719BMA8/R	M231
1719BMA8/T	M231
1737NX	M231

5988H/7M

059881087

Assortment recommended in combination with RSC24/8 - RSC24A/8 - RSC24XL with 8-9 drawers - RSC24AXL - RSC28 C37/8 - C39/8 - C59B - C55C8 - C55M8 - RSC55 - RSC50 2.0 - C58BC

# 5988L/4M

assortment of 273 tools in EVA foam trays

## ► Car repairs

### Quantity/Description

- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 1/4" socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,5-2x8 mm
- 4 1/4" socket drivers for cross head Phillips® screws ⊕ PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ⊕ T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives □ 1/4 - ■ 3/8
- 3 1/4" drive extension bar 50-100-150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 17 3/8" hexagon hand sockets ○ 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drivers □ 3/8 - ■ 1/4
- 1 adaptor, 1/2" female and 3/8" male drives □ 3/8 - ■ 1/2
- 1 3/8" extension bar 125 mm
- 1 3/8" extension bar 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle
- 1 3/8" drive reversible ratchet ⊕
- 17 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives □ 1/2 - ■ 3/8
- 1 3/8" drive universal joint
- 2 1/2" wobble extension bar 125 - 250 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 3 3/8" square drive spark plug sockets ○ 16-17-8-20,8 mm
- 13 hexagon hand sockets ○ 8-9-10-11-12-13-14-15-16-17-19-21-22 mm
- 10 1/2" socket drivers for hexagon screws ○ 5-6-6L-7-8-8L-10-10L-12-12L mm
- 7 1/2" sockets for Torx® head screws ⊕ E12-E14-E16-E18-E20-E22-E24
- 13 1/2" drive, socket drivers for Torx® head screws ⊕ T20-T25-T27-T30-T30L-T40-T40L-T45-T50-T50L-T55-T60-T60L
- 8 1/2" socket drivers with XZN® profile ○ 5-6-6L-8-8L-10-10L-12L mm
- 16 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22-23-24-27-30-32 mm
- 1 measuring tape 5 m
- 18 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm
- 7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm
- 1 quick release adaptor, 1/4", for 10 mm ratcheting wrenches
- 1 quick release adaptor, 3/8", for 13 mm ratcheting wrenches
- 1 quick release adaptor, 1/2", for 19 mm ratcheting wrenches
- 12 reversible ratcheting combination wrenches 8-9-10-11-12-13-14-15-16-17-18-19 mm
- 31 ● ○ ⊕ ⊕ ⊕ ⊕
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 Diagonal cutting nippers £ 160 mm
- 1 combination pliers bright chrome-plated, bi-material handles ≡ 180 mm
- 1 Extra-long flat knurled nose pliers ≡ 160 mm
- 5 screwdrivers for slotted head screws ● 3x75-4x100-5,5x100-6,5x150-8x150 mm
- 1 screwdriver for slotted head screws, extra-short series ● 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ 4,5x80-6x100-8x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ 6x30 mm
- 4 drivers for Torx® head screws, with handles ⊕ T20-T25-T27-T30

Beta N.	TR
900	M105
900L	M105
96BPC/SC9	M105
895/1	M105
895/3	M105
895/6	M105
900ME	M105
900LP	M105
900PH	M105
900TX	M105
900/16	M105
900/...	M105
900/25	M105
900B/G/30	M105
900/42	M105
900/55	M105
910A	M105
910/15	M105
910/16	M105
910/21	M105
910/22	M105
910/25	M105
910/42	M105
910/55	M105
920A	M105
920/15	M105
910/25	M105
920AN	M105
920/42	M105
920/55	M105
966E	M105
910AL	M125
920PE	M125
920FTX	M125
920TX	M125
920XZN	M125
920AL	M125
1692/5	M125
42	M25
90	M25
123Q/14	M25
123Q/8	M25
123Q/12	M25
142	M25
861MIX/A31	M166
1048N	M166
1082BM	M166
1150BM	M166
1162BM	M166
1290	M166
1290N	M166
1292	M166
1292N	M166
1297TX	M166



M105



M125



M25



M166



# 5988U6/M

assortment of 214 tools in EVA foam trays

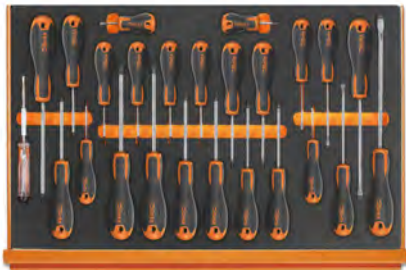
## ► Universal use



M01



M30



M213



M230



M129



M100

### Quantity/Description

- 22 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm
- 11 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm
- 11 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm
- 9 ball head offset hexagon key wrenches 1,5-2-2,5-3-4-5-6-8-10 mm
- 6 screwdriver for slotted head screws ● 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm
- 1 screwdriver for slotted head screws, extra-short series ● 4x30 mm
- 4 screwdriver for cross head Phillips® screws ⊕ PH0x60-PH1x80-PH2x100-PH3x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series ⊕ PH1x30 mm
- 12 screwdrivers for Torx® head screws, with handles ⊕ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45
- 1 mains testing screwdriver ●
- 3 drift punches Ø 2-3-4 mm
- 6 pin punches Ø 2-3-4-5-6-8 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 2 flat chisels, ribbed type 200-250 mm
- 1 cape chisels, standard type 125 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 3 m
- 1 telescopic magnet with flexible head
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 Steel wire brush
- 1 snap - off blade utility knife 170 mm
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 Diagonal cutting nippers ✂ 160 mm
- 1 construction worker's pincers 220 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Extra-long bent needle nose pliers ● 160 mm
- 1 socket holder
- 1 socket holder
- 1 socket holder
- 13 1/4" hexagon sockets ○ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series ○ 5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws ○ 3-4-5-6-7 mm
- 4 1/4" socket drivers for slotted head screws ● 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- 4 1/4" socket drivers for cross head Phillips® screws ⊕ PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws ⊕ T10-T15-T20-T25-T27-T30-T40
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle
- 1 1/4" drive swivel T-handle
- 1 1/4" reversible ratchet ⊕
- 21 1/2" square drive hexagon sockets ○ 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives 125 mm
- 1 1/2" drive universal joint 250 mm
- 1 1/2" wobble extension bar
- 1 1/2" wobble extension bar
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊕
- 8 1/2" sockets for Torx® head screws ⊕ 10-12-14-16-18-20-22-24 mm
- 11 hexagon hand sockets ○ 10-12-13-14-15-16-17-18-19-21-22 mm

Beta N.	TR
42	M01
55	M30
90	M30
96BPC/SC9	M30
1201E	M213
1201EN	M213
1202E	M213
1202EN	M213
1207E/TX	M213
1253	M213
30	M230
31	M230
32	M230
34	M230
35	M230
36	M230
1370	M230
1390	M230
1692	M230
1712TF	M230
1719BMA...Q	M230
1719BMA...T	M230
1719BMA...P	M230
1719BMA...M	M230
1719BMA...R	M230
1737NX	M230
1771	M230
1032	M129
1034	M129
1036	M129
1038	M129
1048N	M129
1052	M129
1082BM	M129
1098	M129
1112	M129
1128BM	M129
1150BM	M129
1166BM	M129
1168BM	M129
895/1	M100
895/3	M100
895/6	M100
900	M100
900L	M100
900ME	M100
900LP	M100
900PH	M100
900TX	M100
900/20	M100
900/20L	M100
900/21	M100
900/25	M100
900BG/30	M100
900/42	M100
900/55	M100
920A	M100
920/15	M100
920/25	M100
920AN/125	M100
920AN/250	M100
920/42	M100
920/55	M100
920FTX	M100
920AL	M100

5988U6/M

059881430

Assortment recommended in combination with RSC24 with 8 drawers - RSC24A with 8 drawers - RSC24AXL with 8-9 drawers  
RSC24AXLP/7 - RSC24AXL - RSC28 - C37 with 8 drawers - C39 with 8 drawers - C39SM - C39MD - RSC55 - RSC50 2.0 - C59B - C58BC

## 5935ET/1MB

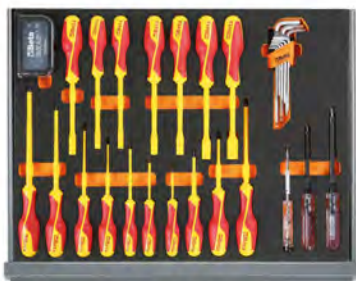
assortment of 96 tools for tool chest C35, in EVA foam trays



**MB65**



**MB64**



**MB63**

### ► Electrotechnical maintenance

#### Quantity/Description

- 1 self - locking pliers 240 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 35 mm
- 1 second-cut square files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 flat chisels, ribbed type 200 mm
- 1 circlip pliers straight, internal ⌀ 180 mm
- 1 circlip pliers bent, internal ⌀ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 9 ball head offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm
- 1 screwholding screwdriver for slotted head screws ● 4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws ⊕ PH1x125 mm
- 1 mains testing screwdriver ●
- 6 hexagon nut spinners with handles ○ 5,5-6-7-8-10-13 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V ⊕ PH0x60-PH1x80-PH2x100-PH3x150 mm
- 6 screwdrivers for headless slotted screws, 1000V
- 2,5x75-3x100-4x100-5,5x125-6x150-8x175 mm
- 31 bits with magnetic quick release bit holder in plastic case ● ○ ⊕ ⊕ ⊕ ⊕
- 1 magnetic bit holder, insulated Ⓜ
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V ⚡ 140 mm
- 1 electrician's scissors, straight blades, with countersink 148 mm
- 1 cable cutter 230 mm
- 1 wire stripping pliers ⚡ 160 mm
- 1 combination pliers 1000V = 180 mm
- 1 extra long needle nose pliers, 1000V, ● 160 mm
- 1 extra long bent needle nose pliers ● 160 mm
- 1 adjustable wrench, 1000V 250 mm
- 1 utility knife, 1000V
- 1 bent knurled point spring tweezers, 1000V
- 1 crimping pliers for insulated terminals

Beta N.	TR
1052	MB65
1370	MB65
1390	MB65
1719BMA...Q	MB65
1719BMA...P	MB65
1719BMA...T	MB65
1719BMA...M	MB65
1719BMA...R	MB65
35	MB65
1032	MB65
1034	MB65
1036	MB65
1038	MB65
1084BM	MB65
1150BM	MB65
1166BM	MB65
96BPC/SC9	MB63
1250	MB63
1251	MB63
1253	MB63
943MQ	MB63
1272MQ	MB63
1274MQ	MB63
860MIX/A31	MB63
850MQ	MB63
55	MB64
1048MQ	MB64
1082MQ	MB64
1128BSX	MB64
1132MQ	MB64
1142MQ	MB64
1150MQ	MB64
1166MQ	MB64
1168MQ	MB64
110MQ	MB64
1777MQ	MB64
993MQ	MB64
1602	MB64

# 5980ET/A

assortment of 70 tools

## ► Electrotechnical maintenance

Quantity/Description	Beta N.
1 centre punch Ø 4 mm	32
1 flat chisels, ribbed type 150 mm	35
8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8N
8 offset hexagon key wrenches, long series ○ 2÷10 mm	96LC/SC8
1 Adjustable wrench 200 mm	111E
1 magnetic bit holder, insulated Ⓜ	850MQ
10 10 bits with magnetic bit holder, in pocket case ● ● ● ● ● ● ● ● ● ● ● ●	861MIX/A10
1 slip joint pliers, boxed joint 250 mm	1048MQ
1 Diagonal cutting nippers 160 mm	1082BM
1 electrician's scissors, straight blades, with countersink 148 mm	1128BSX
1 cable cutter 170 mm	1132BM
1 combination pliers bright chrome-plated, bi-material handles ≡ 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 160 mm	1168BM
1 screwholding screwdriver for slotted head screws ● 4x125 mm	1250
1 screwholding screwdriver for cross head Phillips® screws ● PH1x125 mm	1251
1 mains testing screwdriver ●	1253
5 screwdriver for slotted head screws ● 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm	1201E
1 screwdriver for slotted head screws, extra-short series ● 4x30 mm	1201EN
4 screwdriver for cross head Phillips® screws ● PH0x60 - PH1x120 - PH2x150 - PH3x150 mm	1202E
1 screwdriver for cross head Phillips® screws, extra-short series ● PH2x30 mm	1202EN
4 screwdrivers for cross head Phillips® screws, 1000V ● PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5 screwdrivers for headless slotted screws, 1000V ● 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm	1274MQ
1 flat chisel with side cutter	1343
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 crimping pliers for insulated terminals	1602
1 PVC electrical tape 25 mm	BMESB1925NE
1 measuring tape 5 m	1692
1 second-cut half-round files 200 mm	1719BMA...M
1 second-cut round files 200 mm	1719BMA...R
1 hacksaw frame, aluminium handle	1725
1 fold - away knife	1777BM



5980ET/A

059801083

Assortment recommended in combination with C12 - 2028VV - 2032TV - 2032VV

## 5980ET/B

assortment of 64 tools

### ► Electrotechnical maintenance

#### Quantity/Description

- 3 pin punches Ø 2 - 3 - 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 8 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 ball head offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 deburrer 150 mm
- 6 hexagon nut spinners with handles 1000V  $\odot$  5,5 - 6 - 7 - 8 - 10 - 13 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nless 160$  mm
- 1 electrician's scissors, straight blades, with countersink 148 mm
- 1 cable cutter 230 mm
- 1 wire stripping pliers  $\nless 160$  mm
- 1 combination pliers 1000V  $\nless 180$  mm
- 1 extra long needle nose pliers, 1000V,  $\bullet$  160 mm
- 1 mains testing screwdriver  $\bullet$
- 3 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 mm
- 4 screwdrivers for headless slotted screws, 1000V  $\bullet$  3x100 - 4x100 - 5,5x125 - 6,5x150 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 crimping pliers for insulated terminals
- 1 flexible graduated rule 250 mm
- 1 engineer's scriber 250 mm
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 electrician's chisel 10x200 mm
- 1 chalk line reel
- 1 square flexible inspection mirror 600 mm
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 spring puller
- 1 hacksaw frame, aluminium handle
- 1 bristle brush
- 1 fitting tool for nylon ties
- 1 plastic oil can 150 cc
- 100 nylon cable ties, black UV resistant 3,6x200 mm
- 100 nylon cable ties, black UV resistant 4,8x300 mm
- 1 snap - off blade utility knife 170 mm
- 1 soldering iron 30 W
- 1 LED inspection torch, made of sturdy anodized aluminium

#### Beta N.

- 31
- 32
- 34
- 55/B8N
- 96BPC/SC9
- 345SB
- 943MQ/S6
- 1048MQ
- 1082MQ
- 1128BSX
- 1132MQ
- 1142MQ
- 1150MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1602
- 1682
- 1688
- 1692
- 1696
- 1701NE3
- 1705
- 1715FL/A
- 1719BMA8/M
- 1719BMA8/R
- 1723
- 1726BM
- 1738
- 1743
- 1754
- 1748N
- 1748M
- 1771BM
- 1814M
- 1833XS/2

5980ET/B

059801084

Assortment recommended in combination with C12 - 2029/VV - 2033P/VV - 2036TV

## 5980MQ

assortment of 46 tools

### ► Electrotechnical maintenance

#### Quantity/Description

- 7 single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1 adjustable wrench, 1000V 250 mm
- 6 hexagon nut spinners with handles  $\odot$  5,5 - 6 - 7 - 8 - 10 - 13 mm
- 4 T-handle wrenches with hexagon male ends  $\odot$  4 - 5 - 6 - 8 mm
- 1 bent knurled point spring tweezers, 1000V
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nless 160$  mm
- 1 electrician's scissors 145 mm
- 1 wire stripping pliers  $\nless 160$  mm
- 1 combination pliers 1000V  $\nless 180$  mm
- 1 extra-long bent flat nose pliers  $\nless 160$  mm
- 1 extra long needle nose pliers, 1000V,  $\bullet$  160 mm
- 1 mains testing screwdriver  $\bullet$
- 4 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws, 1000V  $\bullet$  3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 measuring tape 5 m
- 1 electrician's chisel 200 mm
- 1 mini - hacksaw frame, 1000V
- 2 utility knife, 1000V
- 1 soldering iron 30 W
- 1 high-brightness LED torch, made of sturdy anodized aluminium, up to 500 lumens
- 1

#### Beta N.

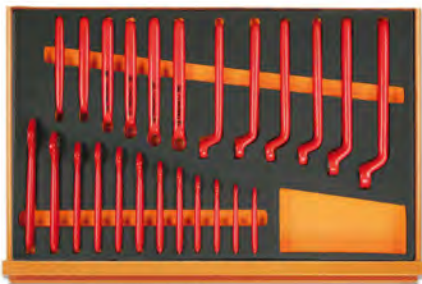
- 52MQ
- 110MQ
- 943MQ
- 951MQ
- 993MQ
- 1048MQ
- 1082MQ
- 1128MQ
- 1142MQ
- 1150MQ
- 1164MQ
- 1166MQ
- 1253
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1692
- 1701NE/3
- 1725MQ
- 1777MQ
- 1814M
- 1833S
- 1760PT/N

5980MQ

059801257

Assortment recommended in combination with 2029/VV





M49



M108



M161

**5988 VHB-MQ**  
assortment of 66 tools in EVA foam trays

► **Electrotechnical maintenance**

Quantity/Description

- 12 single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 12 single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 4 socket drivers for hexagon screws  $\odot$  4-5-6-8 mm
- 11 bi-hex sockets  $\odot$  7-8-10-11-12-13-14-15-16-17-19 mm
- 6 socket drivers for Torx® head screws  $\odot$  T15-T20-T25-T27-T30-T40
- 2 socket drivers with XZN® profile  $\odot$  8-10 mm
- 1 3/8" drive extension 125 mm
- 1 3/8" drive extension 250 mm
- 1 3/8" drive, T-handle
- 1 3/8" drive reversible ratchet
- 1 electrician's scissors 145 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\nless$  160 mm
- 1 combination pliers 1000V  $\nless$  180 mm
- 1 extra long flat nose pliers  $\nless$  160 mm
- 1 extra-long bent flat nose pliers  $\nless$  160 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 4 screwdrivers for headless slotted screws, 1000V  $\bullet$  2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1 cable stripping knife, insulated

Beta N.	TR
52MQ	M49
89MQ	M49
910MQ/PE	M108
910MQ/B	M108
910MQ/TX	M108
910MQ/XZN	M108
910MQ/21	M108
910MQ/22	M108
910MQ/T	M108
910MQ/55	M108
1128MQ	M161
1048MQ	M161
1082MQ	M161
1150MQ	M161
1162MQ	M161
1164MQ	M161
1272MQ	M161
1274MQ	M161
1777MQ/U	M161

5988 VHB-MQ

059880300

Assortment recommended in combination with items RSC51- RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL RSC24L/7 - RSC24L-CAB - RSC28 - C37 - C39 - C39SM - C39MD - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57

**5980EL/A**  
assortment of 57 tools

► **Electronics**

Quantity/Description

- 13 4÷14 mm
- 9 offset hexagon key wrenches  $\odot$  1,5÷10 mm
- 1 bent point tweezers 130 mm
- 1 straight thin knurled point pin spring tweezers 150 mm
- 1 cross tweezers 155 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 wire stripping pliers  $\nless$  160 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 flat nose pliers  $\nless$  140 mm
- 1 smooth half - round long bent needle nose pliers  $\bullet$  140 mm
- 1 combination pliers  $\bullet$  140 mm
- 1 diagonal flush cutting nippers  $\nless$  120 mm
- 1 diagonal cutting nippers  $\nless$  125 mm
- 1 screwholding screwdriver for slotted head screws  $\bullet$  4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws  $\oplus$  PH0x125 mm
- 8 micro-screwdrivers
- 1 engineer's hammer 200 g
- 1 measuring tape 5 m
- 1 telescopic joint inspection mirror
- 3 needle files
- 1 spring puller
- 1 bristle brush
- 1 Pen oiler
- 1 snap - off blade utility knife 170 mm
- 1 self-locking round end knurled tool made of stainless steel
- 1 soldering iron 25 W
- 1 de - soldering pump
- 1 LED inspection torch, made of sturdy anodized aluminium

Beta N.
73/B13N
96N/SC9
991
992
998
1128BMX
1142BM
1166BM
1172BM
1178BM/P
1178BM
1185BM
1188BM
1250
1251
1257LPH/S8
1370
1692
1715
1720/S3
1723
1738
1756
1771
1002
1814M
1830T
1833XS/2

5980EL/A

059801081

Assortment recommended in combination with 2032TV - 2028/VV - 2033P/VV

## 5980EL/B

assortment of 98 tools

### ► Electronics

Quantity/Description	Beta N.
13 4÷14 mm	73/B13N
9 offset hexagon key wrenches $\odot$ 1,5÷10 mm	96/SC9
8 offset key wrenches for Torx® head screws $\odot$ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/BG8
1 Adjustable wrench 150 mm	111E
18 set of 13 hexagon sockets and 5 accessories, 1/4" square drive	900/C13-5
1 straight thin knurled point spring tweezers 130 mm	990
1 bent point tweezers 130 mm	991
1 extra slim short end spring tweezers 120 mm	999A
1 electrician's scissors, straight blades 147 mm	1128BMX
1 front wire stripping pliers, self - adjusting 170 mm	1149F
1 combination pliers bright chrome-plated, bi-material handles $\equiv$ 180 mm	1150BM
1 flat nose pliers $\equiv$ 140 mm	1172BM
1 smooth half - round long needle nose pliers $\bullet$ 140 mm	1177BM
1 smooth half - round long bent needle nose pliers $\bullet$ 140 mm	1178BM/P
1 diagonal flush cutting nippers, rounded tips $\zeta$ 120 mm	1184BM
1 diagonal flush cutting nippers, slim tips $\zeta$ 120 mm	1186BM
1 end flush oblique cutting nippers $\zeta$ 130 mm	1191BM
8 micro-screwdrivers	1257LPH/S8
1 mains testing screwdriver $\bullet$	1253
1 screwdriver for slotted head screws, extra-short series $\bullet$ 6,5x30 mm	1290N
3 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 - PH2x100 mm	1292
2 screwdriver for cross head Phillips® screws, extra-short series $\oplus$ PH1x30 - PH2x30 mm	1292N
5 screwdrivers for headless slotted screws $\bullet$ 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1294
1 engineer's hammer 200 g	1370
1 flexible graduated rule 150 mm	1682
1 engineer's scribe 220 mm	1688
1 measuring tape 5 m	1692
1 telescopic joint inspection mirror 670 mm	1715
1 Needle files $\bullet$	1720R
1 Needle files $\blacktriangle$	1720T
1 Needle files $\blacksquare$	1720P
1 spring puller	1723
1 bristle brush	1738
1 Pen oiler	1756
1 snap - off blade utility knife 170 mm	1771BM
1 fold - away knife	1777BM
1 self-locking round end knurled tool made of stainless steel	1002
1 soldering iron 25W	1814M
1 de - soldering pump	1830T
1 LED inspection torch, made of sturdy anodized aluminium	1833XS/2





**5980ID/1**  
assortment of 24 tools

► **Plumbing maintenance**

Quantity/Description

Beta N.

- 1 Adjustable wrench 250 mm 111E
- 1 Ø 3+28 mm 332/2
- 1 pipe cutter for copper and light alloy pipes Ø 3+30 mm 334
- 1 Ø 0+42 mm 342
- 1 140 mm 345SB2
- 2 320-410 mm 376
- 2 slip joint pliers, slip-proof PVC coated handles 175-250 mm 1048N
- 1 electrician's scissors, straight blades 147 mm 1128BMX
- 1 heavy duty combination pliers, bi-material handles, industrial finish 180 mm 1150GBM
- 4 screwdriver for slotted head screws 1201E
  - 3x75-4x100-5,5x150-8x150 mm
- 2 screwdriver for cross head Phillips® screws 1202E
  - PH1x80-PH2x100
- 1 engineer's hammer 500 g 1370
- 1 folding ruler made of fibreglass precision class III 2 m 1690F
- 1 measuring tape 5 m 1692/5
- 1 spirit level, made of aluminium 200 mm 1696
- 1 second-cut half-round files 200 mm 1719BMA...M
- 1 Flat rasp 200 mm 1719BM/RL
- 1 hacksaw frame, aluminium handle 1725

5980ID/1

059801086



## 5989 VEM

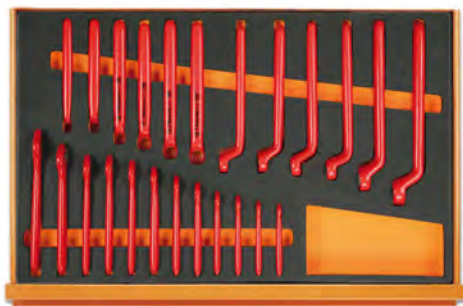
assortment of 81 repair and maintenance tools for hybrid and electric vehicles

### ► Car repair

#### Quantity/Description

- 1 insulating mat
- 4 plastic posts with fillable bases
- 1 megohmmeter for high voltage insulating testing
- 1 voltage and continuity tester, 1000 V
- 1 spare leads for digital multimeters and amperometric clamps
- 1 Composite insulating gloves Gr. 10
- 1 Pneumatic tester for insulated gloves
- 1 plastic barrier chain
- 2 aluminium warning signs A1, A2
- 2 prohibition signs D2, D3
- 12 single open end wrenches, 1000V 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 12 single ring wrenches 7-8-10-11-12-13-14-15-16-17-19-22 mm
- 4 socket drivers for hexagon screws  $\circ$  4-5-6-8 mm
- 11 bi-hex sockets  $\circ$  7-8-10-11-12-13-14-15-16-17-19 mm
- 6 socket drivers for Torx® head screws  $\circ$  TX15-TX20-TX25-TX27-TX30-TX40
- 2 socket drivers
  - with XZN® profile  $\circ$  M8-M10
- 1 3/8" drive extension 140 mm
- 1 3/8" drive extension 265 mm
- 1 3/8" drive, T-handle 200 mm
- 1 3/8" drive reversible ratchet 203 mm
- 1 slip joint pliers, boxed joint 250 mm
- 1 diagonal cutting nippers 1000V  $\sphericalangle$  160 mm
- 1 electrician's scissors 145 mm
- 1 combination pliers 1000V  $\equiv$  180 mm
- 1 extra long flat nose pliers  $\equiv$  160 mm
- 1 extra-long bent flat nose pliers  $\equiv$  160 mm
- 4 screwdrivers for cross head Phillips® screws, 1000V  $\oplus$  PH0-PH1-PH2-PH3
- 4 screwdrivers for headless slotted screws, 1000V  $\bullet$  2,5x75-3x100-4x100-5.5x125 mm
- 1 cable stripping knife, insulated 190 mm

Beta N.	TR
1995MQ/T	
7104 90	
1760OHM/2	
1760PT/N	
1760DGT-R3	
1997MQ/GM	
1996VPG	
7105 6	
7109A	
7109D	
52MQ	M49
89MQ	M49
910MQ/PE	M108
910MQ/B	M108
910MQ/TX	M108
910MQ/XZN	M108
910MQ/21	M108
910MQ/22	M108
910MQ/T	M108
910MQ/55	M108
1048MQ	M161
1082MQ	M161
1128MQ	M161
1150MQ	M161
1162MQ	M161
1164MQ	M161
1272MQ	M161
1274MQ	M161
1777MQ/U	M161



M49



M108



M161





## 5902MT

assortment of 106 tools for agricultural, building and earth-moving machinery

### ► Earth-moving

#### Quantity/Description

Quantity/Description	Beta N.
2 drift punches Ø 3 - 4 mm	30
2 pin punches Ø 6 - 8 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 150 - 200 mm	35
18 combination wrenches 6+14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 - 36 - 41 mm	42
10 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 24x27 - 30x32 mm	90
10 offset hexagon key wrenches ○ 1,5+12 mm	96N/B10
17 1/2" square drive hexagon sockets ○ 10+22 - 24 - 27 - 30 - 32 mm	920A
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet Ⓢ	920/50
11 3/4" square drive hexagon socket ○ 22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 mm	928A
1 3/4" drive extension bar 200 mm	928/21
1 3/4" drive swivel handle	928/36A
1 3/4" drive sliding T - handle	928/42
1 3/4" drive reversible ratchet Ⓢ	928/55
1 pry bar	964
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 adjustable self locking pliers, curved jaws	1055
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ≧ 160 mm	1084GBM
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ≧ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish ● 160 mm	1166GBM
4 screwdrivers for slotted head screws with hexagon bolsters ● 6,5x150 - 8x175 - 10x200 - 12x250 mm	1260E
3 screwdrivers for cross head Phillips® screws with hexagon bolsters ⊕ PH2x150 - PH3x175 - PH4x200 mm	1262E
1 ball pein hammer 900 g	1377
1 soft face hammer Ø 35 mm	1390
1 metric feeler gauge	1708/20
1 three - cutting edges scraper 200 mm	1717B
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725



5902MT

059021053

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T

## 5902MT/AS

assortment of 99 tools for earth-moving machinery (CATERPILLAR)

### ► Earth-moving

Quantity/Description	Beta N.
2 drift punches Ø 3 - 4 mm	30
2 pin punches Ø 6 - 8 mm	31
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 150 - 200 mm	35
20 combination wrenches 1/4+1.1/2"	42AS
6 double ended offset ring wrenches 1/4x5/16 - 3/8x7/16 - 1/2x9/16 5/8x3/4 - 11/16x13/16 - 7/8x15/16"	90AS
11 offset hexagon key wrenches O 3/64+3/8"	96AS/B11
10 1/2" square drive bi - hex sockets O 7/16 - 1/2 - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1"	920AS
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet	920/50
12 hexagon hand sockets 1/4" O □ 3/4", 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 1.1/2 - 1.5/8 - 1.11/16 - 1.7/8 - 2"	928AS
1 3/4" drive extension bar 200 mm	928/21
1 3/4" drive swivel handle	928/36A
1 3/4" drive sliding T - handle	928/42
1 3/4" drive reversible ratchet	928/55
1 pry bar	964
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 adjustable self locking pliers, curved jaws	1055
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish	1084GBM
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish	1166GBM
4 screwdrivers for slotted head screws with hexagon bolsters	1260E
6,5x150 - 8x175 - 10x200 - 12x250 mm	
3 screwdrivers for cross head Phillips® screws with hexagon bolsters	1262E
PH2x150 - PH3x175 - PH4x200 mm	
1 ball pein hammer 900 g	1377
1 soft face hammer Ø 35 mm	1390
1 metric feeler gauge 150 - 200 mm	1708/20
1 three - cutting edges scraper 200 mm	1717B
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1725



5902MT/AS

059021054

Assortment recommended in combination with RSC22 - RSC23 - RSC23C - C39T



## 5904VG/2T

assortment of 99 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 19 1/2" square drive hexagon sockets  $\odot$  10+24 - 26 - 27 - 30 - 32 mm
- 5 1/2" drive, socket drivers for hexagon screws  $\odot$  5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\odot$
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self-locking pliers 240 mm
- 1 Heavy-duty diagonal cutting nippers  $\nless$  160 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 combination pliers bright chrome-plated  $\equiv$  180 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 4 screwdrivers for slotted head screws  $\bullet$  3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips<sup>®</sup> screws  $\bullet$  PH0x60 - PH1x80 - PH2x100 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches  $\odot$  2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 drivers for Torx<sup>®</sup> head screws, with handles  $\odot$  T10 - T15 - T20 - T25 - T27 - T30

Beta N.	TR
42	T05
42	T06
920A	T80
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
1048N	T153
1052	T153
1084	T138
1166	T138
1150	T138
1032	T145
1036	T145
1034	T145
1038	T145
35	T234
1370	T234
1390	T234
1260	T208
1262	T208
55	T33
96/SC9	T33
96T	T52
97TTX	T55



T05 T06 T80



T153 T138 T145 T234



T208 T33 T52 T55

# 5904VG/3

assortment of 132 tools



## ► Car repairs

Quantity/Description	Beta N.
6 Ø 2÷8 mm	31/B6N
1 centre punch Ø 5 mm	32
1 flat chisels, ribbed type 200 mm	35
17 combination wrenches 6÷22 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
11 offset hexagon key wrenches Ø 2÷10 mm	96T/SP11
13 offset key wrenches for Torx® head screws Ⓢ T6÷T50	97TX/B13
1 Adjustable wrench 300 mm	111E
13 1/2" square drive hexagon sockets with rail Ⓞ 10÷22 mm	920A/SB13
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive push-through square ratchet Ⓢ	920/50
6 T - handle wrenches with swivelling socket Ⓞ 8 - 10 - 12 - 13 - 17 - 19 mm	952
1 pry bar with handle 450 mm	965
2 circlip pliers straight, internal Ⓞ 180 - 225 mm	1032
2 circlip pliers bent, internal Ⓞ 170 - 210 mm	1034
2 circlip pliers straight, external Ⓢ 175 - 225 mm	1036
2 circlip pliers bent, external Ⓢ 175 - 220 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1057A
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish ⚡ 200 mm	1084GBM
1 toggle lever assisted end cutting nippers ⚡ 200 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish ⚡ 180 mm	1150GBM
4 screwdrivers for slotted head screws	1260
● 3x75 - 4x100 - 5,5x125 - 6,5x150 mm	
1 screwdrivers for slotted head screws, extra-short series ● 6,5x30 mm	1260N
2 screwdrivers for slotted head screws	1260E
with hexagon bolsters ● 8x175 - 10x200 mm	
3 screwdrivers for cross head Phillips® screws	1262
⊕ PH0x100 - PH1x120 - PH2x100 mm	
1 screwdrivers for cross head Phillips® screws, extra - short series ⊕ PH2x30 mm	1262N
1 screwdrivers for cross head Phillips® screws with hexagon bolsters ⊕ PH3x175mm	1262E
1 screwdriver for cross head Phillips® screws, long series ⊕ PH2x400 mm	1262L
1 screwdriver for headless slotted screws, long series ● 6,5x400 mm	1264L
1 engineer's hammer 500 g	1370
1 soft face hammer Ø 45 mm	1390
1 adjustable oil filter wrench	1491
1 metric feeler gauge	1708/20
5 Set of 5 second-cut files, with handles 200 mm	1719BMA...S5
1 hacksaw frame, aluminium handle	1726BM
1 Metal pressure oil can 200 cc	1751N

5904VG/3

059041062

Assortment recommended in combination with RSC24 - RSC24A - RSC24XL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB C37 - C39 with 7 - 8 drawers - RSC55 - RSC50 2.0 - C59 - C58BC - C57

## 5904VG/3T

assortment of 102 tools in ABS thermoformed trays

### ► Car repairs

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5+10 mm
- 6 offset hexagon key wrenches  $\odot$  2-2,5-3-4-5-6 mm
- 8 T - handle wrenches with swivelling socket  $\odot$  7-8-10-12-13-14-17-19 mm
- 19 1/2" square drive hexagon sockets  $\odot$  10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet  $\odot$
- 1 Heavy-duty diagonal cutting nippers  $\nabla$  160 mm
- 1 combination pliers bright chrome-plated, bi-material handles  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 self - locking pliers 240 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 7 screwdrivers for slotted head screws  $\bullet$  2,5x50 -3x75 - 3,5x100 - 4x125-5,5x100 - 5,5x150 - 6,5x150 mm
- 6 screwdrivers for cross head Phillips® screws  $\oplus$  PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 flat chisels, ribbed type 100-200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 empty thermoformed tray

Beta N.	TR
42	T05
	T06
55	T33
96/SC9	T33
96T	T52
952	T63
920A	T83
920/21	T83
920/22	T83
920/25	T83
920/42	T83
920/55	T83
1084BM	T137
1150BM	T137
1166BM	T137
1032	T145
1034	T145
1036	T145
1038	T145
1052	T153
1048N	T153
1260	T199
1262	T202
35	T234
1370	T234
1390	T234
VP5	



T199 T202 T83



T145 T153 T137 T234



T52 T33 T05 T06



T63 VP5

5904VG/3T

059041510

Assortment recommended in combination with RSC23T - RSC24 - RSC24A - RSC24AXL - RSC24AXLP/7 - RSC24AXXL - RSC24L/7 - RSC24L-CAB - RSC28 - C37 - C39 - C39MD - C39SM - C39T - RSC55 - RSC50 2.0 - C59 - C58BC - C57

# 5904VG/5T

assortment of 153 tools in ABS thermoformed trays

## ► Car repairs

Quantity/Description

- 5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet Ⓢ
- 19 1/2" square drive hexagon sockets ○ 10÷24 - 26 - 27 - 30 - 32 mm
- 16 combination wrenches 6÷21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 1 empty thermoformed tray
- 1 circlip pliers straight, internal ○ 180 mm
- 1 circlip pliers bent, internal ○ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 7 screwdrivers for slotted head screws ● 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm
- 5 drivers for Torx® head screws, with handles Ⓢ T25 - T27 - T30 - T40 - T45
- 6 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 3 screwdrivers for slotted head screws ● 8x150 - 8x200 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 6 screwdrivers for cross head Phillips® screws Ⓢ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm
- 2 screwdrivers for cross head Phillips® screws Ⓢ PH3x150 - PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series Ⓢ PH1x30 - PH2x30 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers ⚡ 160 mm
- 6 bits for Torx® head screws Ⓢ T6÷T15
- 8 bits for Torx® head screws Ⓢ T20÷T55
- 1 socket holder
- 1 socket holder
- 6 1/4" sockets for Torx® head screws ○ E4÷E10
- 7 1/2" sockets for Torx® head screws ○ E12÷E24
- 3 1/2" drive, socket drivers for Torx® head screws Ⓢ T55L - T60 - T70L
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm

Beta N.	TR
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
42	T05
42	T06
952	T63
VP6	VP6
1032	T145
1034	T145
1036	T145
1038	T145
1290	T170
1297TX	T176
96T	T52
55	T33
96N/SC9	T33
1290	T171
1290N	T171
1292	T172
1292	T173
1292N	T173
35	T234
1370	T234
1390	T234
1150BM	T137
1166BM	T137
1084BM	T137
861TX	T112
866TX	T112
895/1	T112
895/6	T112
900FTX	T112
920FTX	T112
920TX	T112
1048N	T153
1052	T153



T80 T05 T06



T63 VP6



T145 T170 T176 T52



T33 T171 T172 T173



T234 T137 T112 T153

## 5905VG/1

assortment of 94 tools for car body repair shops

### ► Car repairs

Quantity/Description	Beta N.
1 drift punches Ø 4 mm	30
6 Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6N
1 centre punch Ø 4 mm	32
1 flat chisels 150 mm	34
1 cape chisels, standard type 150 mm	36
17 combination wrenches 6÷22 mm	42
10 offset hexagon key wrenches Ø 1,5÷12 mm	96/B10
1 Adjustable wrenches with scales, phosphated 300 mm	111EN
12 hi-torque hexagon nut spinners, long series Ø 4÷14 mm	943BX
1 pry bar with handle 450 mm	965
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, aluminium jaws 280 mm	1060AL
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish $\nabla$ 160 mm	1084GBM
1 construction worker's pincers 250 mm	1098PL
1 compound leverage shears, straight blades	1122
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish $\equiv$ 180 mm	1150GBM
1 screwdriver for Dzus® head screws $\bullet$	1201E/DZ
4 screwdrivers for slotted head screws	1260
$\bullet$ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	
1 screwdrivers for slotted head screws, extra-short series $\bullet$ 4x30 mm	1260N
2 screwdrivers for slotted head screws	1260E
with hexagon bolsters $\bullet$ 10x175 - 12x200 mm	
3 screwdrivers for cross head Phillips® screws	1262
$\oplus$ PH0x60 - PH1x80 - PH2x100 mm	
1 screwdrivers for cross head Phillips® screws, extra - short series $\oplus$ PH1x30 mm	1262N
1 screwdrivers for cross head Phillips® screws	1262E
with hexagon bolsters $\oplus$ PH3x175 mm	
7 drivers for Torx® head screws $\odot$ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
1 curved dolly 1350 g	1303
1 toe dolly	1305
1 heel dolly	1306
1 general purpose dolly	1310
1 double end dolly, convex, flat head	1314
1 curved angle spoon	1326
1 heavy duty spoon	1327
1 long double-ended spoon	1330
1 body blade holder, with blade 9"	1338A
1 extra flat chisel with hand guard	1342PM
1 body hammer	1345
1 body hammer Ø 40 mm	1357Z/45
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 measuring tape 5 m	1692



5905VG/1

059051058

Assortment recommended in combination with C25



# 5905VG/2

assortment of 118 tools



## ► Car repairs

Quantity/Description	Beta N.
6 set of 2 drift punches, 1 centre punch, 2 flat chisels and 1 cape chisel in roll-up wallet made of polyester	38/B6N
13 combination wrenches 6+14 - 17 - 19 - 22 - 24 mm	42
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55
3 half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
10 offset hexagon key wrenches $\varnothing$ 1,5+12 mm	96N/B10
6 drivers for Torx® head screws, with handles $\varnothing$ T10 - T15 - T20 - T25 - T30 - T40	97TTX
2 1/2" drive impact sockets $\varnothing$ 17 - 19 mm	720
20 1/2" square drive hexagon sockets $\varnothing$ 10+24 - 26 - 27 - 28 - 30 - 32 mm	920A
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet $\oplus$	920/55
8 T - handle wrenches with swivelling socket $\varnothing$ 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
1 T - handle swivel spark plug wrenches	959
1 wheel nut wrench $\varnothing$ 17x19x22x $\blacksquare$ 1/2"	979
1 circlip pliers straight, internal $\varnothing$ 180 mm	1032
1 circlip pliers bent, internal $\varnothing$ 170 mm	1034
1 circlip pliers straight, external $\bullet$ 175 mm	1036
1 circlip pliers bent, external $\bullet$ 175 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers, bi-material handles, industrial finish $\nabla$ 160 mm	1084GBM
1 compound leverage shears, straight blades 250 mm	1122
1 electrician's scissors, straight blades 147 mm	1128BMX
1 heavy duty combination pliers, bi-material handles, industrial finish $\equiv$ 180 mm	1150GBM
1 extra-long needle knurled nose pliers, bi-material handles, industrial finish $\bullet$ 160 mm	1166GBM
8 screwdrivers for slotted head screws $\bullet$ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
2 screwdrivers for slotted head screws with hexagon bolsters $\bullet$ 10x200 - 12x250 mm	1260E
1 screwdrivers for slotted head screws, extra-short series $\bullet$ 6,5x30 mm	1260N
4 screwdrivers for cross head Phillips® screws $\oplus$ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1 engineer's hammer 400 g	1370
1 soft face hammer $\varnothing$ 35 mm	1390
1 adjustable oil filter wrench	1491
1 circuit tester 3+48 V	1498

5905VG/2

059051044

Assortment recommended in combination with C25

## ► Car repairs

### Quantity/Description

- 16 combination wrenches 6+21 mm
- 5 combination wrenches 22 - 24 - 27 - 30 - 32 mm
- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 9 offset hexagon key wrenches Ø 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 5 1/2" drive, socket drivers for hexagon screws Ø 5 - 6 - 8 - 10 - 12 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 255 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 19 1/2" square drive hexagon sockets Ø 10+24 - 26 - 27 - 30 - 32 mm
- 1 circlip pliers straight, internal Ø 180 mm
- 1 circlip pliers bent, internal Ø 170 mm
- 1 circlip pliers straight, external Ø 175 mm
- 1 circlip pliers bent, external Ø 175 mm
- 1 circlip pliers straight, internal Ø 140 mm
- 1 circlip pliers straight, internal Ø 225 mm
- 1 circlip pliers straight, external Ø 140 mm
- 1 circlip pliers straight, external Ø 225 mm
- 9 screwdrivers for slotted head screws ● 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm
- 2 screwdrivers for slotted head screws, extra-short series ● 4x30 - 6,5x30 mm
- 7 screwdrivers for cross head Phillips® screws ⚙ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series ⚙ PH1x30 - PH2x30 mm
- 8 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 2 screwdriver for cross head Phillips® screws, long series ⚙ PH1x400 - PH2x400 mm
- 3 screwdriver for headless slotted screws, long series ● 3x300 - 4x400 - 5x400 mm
- 6 drivers for Torx® head screws, with handles ⚙ T10-T15-T20-T25-T27-T30
- 12 1/2" drive impact sockets ○ 10-13-17-18-19-21-22-24-27-30-32 mm
- 1 1/2" drive impact extension bar 125 mm
- 3 ○ 17-19-21
- 5 1/2" socket drivers for hexagon screws ○ 5L - 6L - 7L - 8L - 10L
- 4 1/2" drive, socket drivers for Torx® head screws ⚙ T40L - T45L - T55L - T70L
- 3 1/2" socket drivers with XZN® profile ○ M6L - M8L - M12L
- 5 second cut files 200 mm
- 1 adjustable oil filter wrench 110 mm
- 1 square oil drain plug socket ■ 10 mm
- 7 male hexagon oil drain plug sockets ○ 8-9-10-11-12-14-17 mm
- 4 male square oil drain plug sockets ○ 8-9,5-12-13 mm
- 1 male triangular oil drain plug socket Δ 9,5 mm
- 1 male oil drain plug socket with XZN® profile ○ M 16
- 1 oil plug wrenches ■ 8 x ■ 10 mm
- 2 flat chisels, ribbed type 100 - 200 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 combination pliers bright chrome-plated ■ 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 11 3/4" square drive hexagon socket ○ 22-24-27-30-32-34-36-38-41-46-50 mm
- 1 3/4" drive extension bar 200 mm
- 1 3/4" drive extension bar 380 mm
- 1 3/4" drive sliding T - handle 450 mm
- 1 3/4" drive reversible ratchet ⚙
- 1 empty thermoformed tray
- 4 offset hexagon key wrenches ○ 13-14-17-19 mm
- 1 Adjustable wrench 300 mm
- 1 pry bar with handle
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 engineer's hammer 1000 g
- 1 metric feeler gauge
- 1 telescopic magnet with flexible head
- 1 telescopic joint inspection mirror
- 1 three - cutting edges scraper 200 mm
- 1 hacksaw frame, aluminium handle 440 mm
- 1 Steel wire brush
- 1 Metal pressure oil can 200 cl
- 1 snap - off blade utility knife 170 mm

Beta N.	TR
42	T05
42	T06
31	T31
32	T31
55	T31
96N/SC9	T31
920ME	T80
920/21	T80
920/22	T80
920/25	T80
920/42	T80
920/55	T80
920A	T80
1032	T145
1034	T145
1036	T145
1038	T145
1032	T146
1032	T146
1036	T146
1036	T146
1260	T167
1260N	T167
1262	T168
1262N	T168
952	T63
1262L	T209
1264L	T209
97TTX	T55
720	T111
720/21	T111
720LC	T111
920PE	T113
920TX	T113
920XZN	T113
1719BMA8/S5	T236
1491	T264
1494	T264
1494E	T264
1494Q	T264
1494T	T264
1494XZN	T264
1496C	T264
35	T234
1370	T234
1390	T234
1048N	T153
1052	T153
1150	T138
1166	T138
1084	T138
928A	T105
928/21	T106
928/22	T106
928/42	T106
928/55	T106
VP6	VP6
96N	VP6
111E	VP6
965	VP6
1112	VP6
1128BMX	VP6
1370	VP6
1708/20	VP6
1712	VP6
1715	VP6
1717B	VP6
1726	VP6
1737NX	VP6
1751N	VP6
1771	VP6





MB12



MB39



MB46

## 5935VG/1MB

assortment of 98 tools for tool chest C35, in EVA foam trays

### ► Car repairs

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 8 double open end wrenches 6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 4 screwdrivers for slotted head screws ● 3x75-4x100-5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws ⊕ PH0x60-PH1x80--PH2x100 mm
- 6 drivers for Torx® head screws ⊙ T8-T10-T15-T20-T25-T30
- 9 ball head offset hexagon key wrenches ○
- 6 offset hexagon key wrenches ○ 2-2,5-3-4-5-6
- 1 self - locking pliers 240 mm
- 19 1/2" square drive hexagon sockets ○ 10-11-12-13-14-15-16-17-18-19-20-21  
22-23-24-26-27-30-32 mm
- 1 1/2" drive extension bar 125 mm
- 1 1/2" drive extension bar 250 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet ⊗
- 5 1/2" socket drivers for hexagon screws ○ 5-6-8-10-12 mm
- 1 circlip pliers straight, internal ⊙ 180 mm
- 1 circlip pliers bent, internal ⊙ 170 mm
- 1 circlip pliers straight, external ● 175 mm
- 1 circlip pliers bent, external ● 175 mm
- 1 flat chisels, ribbed type 200 mm
- 1 Heavy-duty diagonal cutting nippers † 160 mm
- 1 combination pliers bright chrome-plated, bi-material handles = 180 mm
- 1 Extra-long needle nose pliers ● 160 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer Ø 35 mm

Beta N.	TR
42	MB12
55	MB12
1048N	MB12
1260	MB46
1262	MB46
1267TX	MB46
96BPC/SC9	MB46
96T	MB46
1052	MB46
920A	MB39
920/21	MB39
920/22	MB39
920/25	MB39
920/42	MB39
920/55	MB39
920PE	MB39
1032	MB39
1034	MB39
1036	MB39
1038	MB39
35	MB39
1084BM	MB39
1150BM	MB39
1166BM	MB39
1370	MB39
1390	MB39

5935VG/1MB

059351321

Assortment recommended in combination with C35

## 5940SBK

assortment of 125 tools

### ► Motorcycle repairs

#### Quantity/Description

- 1 drift punches Ø 2 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 125 mm
- 10 combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 6 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
- 9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1 ZERO-RESET click-type torque wrenches ⊗ 3/8", 10+50 Nm
- 54 assortment of 52 hexagon bits, 10 mm, and 2 accessories
- 17 assortment of 12 sockets and 5 accessories
- 1 adaptor, 1/2" female and 3/8" male drives
- 2 spark plug socket ○ 14 - 16 mm
- 1 extra - long nose pliers ● 283 mm
- 2 circlip pliers straight, internal ⊙ 140 - 180 mm
- 1 circlip pliers straight, external ● 140x1,3 mm
- 1 diagonal cutting nippers,  
slip-proof double layer PVC coated handles,  
industrial finish † 160 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 heavy duty combination pliers,  
slip-proof double layer PVC coated handles,  
industrial finish = 180 mm
- 1 screwdriver for Dzus® head screws ●
- 1 screwdriver for slotted head screws ● 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdriver for cross head Phillips® screws ⊕ PH0x60 - PH1x80 - PH2x100 mm
- 1 circuit testing screwdriver ●
- 1 engineer's hammer 300 g
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 1 mini hacksaw frame
- 1 Brass wire brush
- 1 plastic oil can 250 cc

Beta N.	TR
30	
32	
34	
42	
55	
96/SC9	
666/5	
867/C52	
920A/C12X	
910/16	
956C	
1009/LA	
1032	
1036	
1082G	
1128BM	
1150G	
1201E/DZ	
1201E	
1202E	
1254	
1370	
1491	
1708/13	
1725CR	
1737	
1754	

5940SBK

059401082

Assortment recommended for use with items C41S - C41H - C42S - C42H - C42S - C41S



MC21



MC12



## 5941VU/M

assortment of 64 tools for trolley C41H, in EVA foam trays

### ► Universal use

#### Quantity/Description

- 16 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm
- 9 offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6-8-10 mm
- 1 measuring tape 5 m
- 19 1/2" square drive hexagon sockets  $\odot$  10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-30-32 mm
- 1 1/2" drive universal joint
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet  $\text{⊗}$
- 2 1/2" wobble extension bar 125-250 mm
- 1 Adjustable wrench 250 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 diagonal cutting nippers, bi-material handles, industrial finish  $\nabla$  160 mm
- 1 electrician's scissors, straight blades 147 mm
- 1 heavy duty combination pliers, bi-material handles, industrial finish  $\equiv$  180 mm
- 1 extra-long needle knurled nose pliers, bi-material handles, industrial finish  $\bullet$  160 mm
- 3 screwdrivers for slotted head screws  $\bullet$  3,5x100-5,5x125-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  $\oplus$  PH0-PH1-PH2
- 1 engineer's hammer 300 g
- 1 snap - off blade utility knife 170 mm

Beta N.	TR
42	MC12
96/SC9	MC12
1692/5	MC12
920A	MC21
920/25	MC21
920/42	MC21
920/55	MC21
920AN	MC21
111E	
1048N	
1082GBM	
1128BMX	
1150GBM	
1166GBM	
1260	
1262	
1370	
1771	

5941VU/M

059411002

Assortment recommended in combination with C41H

# Beta



MM11



MM105



MM129



MM210



MM230

## 5945VUM

assortment of 199 tools in EVA foam trays

### ► Universal use

#### Quantity/Description

- 21 combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm
- 9 ball head offset hexagon key wrenches  $\odot$  1,5-2-2,5-3-4-5-6-8-10 mm
- 1 socket holder  $\square$  1/4 -  $\square$  1/4
- 1 socket holder  $\square$  1/4 -  $\square$  3/8
- 1 socket holder  $\square$  5/16 -  $\square$  1/2
- 13 1/4" hexagon sockets  $\odot$  4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 9 hexagon hand sockets, long series  $\odot$  5-6-7-8-9-10-11-12-13 mm
- 5 1/4" socket drivers for hexagon screws  $\odot$  3-4-5-6-7 mm
- 4 1/4" socket drivers for slotted head screws  $\bullet$  0,8x4-1x5,5x1,2x6,5-1,2x8 mm
- 4 1/4" socket drivers for cross head Phillips® screws  $\oplus$  PH1-PH2-PH3-PH4
- 7 socket drivers for Torx® head screws  $\odot$  T10-T15-T20-T25-T27-T30-T40
- 1 adaptor, 1/4" female and 3/8" male drives  $\square$  1/4 -  $\blacksquare$  3/8
- 1 1/4" drive extension bar 50 mm
- 1 1/4" drive extension bar 100 mm
- 1 1/4" drive extension bar 150 mm
- 1 1/4" drive universal joint
- 1 1/4" drive spinner handle 176 mm
- 1 1/4" drive swivel T-handle 115 mm
- 1 1/4" reversible ratchet  $\oplus$  125 mm
- 17 3/8" hexagon hand sockets  $\odot$  6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 1 adaptor, 3/8" female and 1/4" male drives  $\square$  3/8 -  $\blacksquare$  1/4
- 1 adaptor, 1/2" female and 3/8" male drives  $\square$  3/8 -  $\blacksquare$  1/2
- 1 3/8" extension bar 125 mm
- 1 3/8" extension bar 250 mm
- 1 3/8" drive universal joint
- 1 3/8" drive sliding T - handle 210 mm
- 1 3/8" drive reversible ratchet  $\oplus$  200 mm
- 21 1/2" square drive hexagon sockets  $\odot$  8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1 adaptor, 1/2" female and 3/8" male drives  $\square$  1/2 -  $\blacksquare$  3/8
- 1 1/2" drive universal joint
- 1 1/2" wobble extension bar 125 mm
- 1 1/2" wobble extension bar 250 mm
- 1 1/2" drive sliding T-handle 305 mm
- 1 1/2" drive reversible ratchet  $\oplus$  275 mm
- 3 3/8" square drive spark plug sockets  $\odot$  16 mm (5/8")-17,8 (11/16")-20,8 (13/16")
- 6 screwdriver for slotted head screws  $\bullet$  04x2,5x50-0,5x3x75-0,8x4x100-1,0x5,5x125-1,2x6,5x150-1,2x8x200 mm
- 1 screwdriver for slotted head screws, extra-short series  $\bullet$  0,8x4x30 mm
- 4 screwdriver for cross head Phillips® screws  $\oplus$  PH0x60-PH1x80PH2x100PH3x150 mm
- 1 screwdriver for cross head Phillips® screws, extra-short series  $\oplus$  PH1x30 mm
- 12 screwdrivers for Torx® head screws, with handles  $\odot$  T06-T07-T08-T09-T10-T15-T20-T25-T27-T30-T40-T45
- 1 mains testing screwdriver  $\bullet$  0,5x3,5x100 mm
- 1 circlip pliers straight, internal  $\odot$  180 mm
- 1 circlip pliers bent, internal  $\odot$  170 mm
- 1 circlip pliers straight, external  $\bullet$  175 mm
- 1 circlip pliers bent, external  $\bullet$  175 mm
- 1 slip joint pliers, slip-proof PVC coated handles 250 mm
- 1 self - locking pliers 240 mm
- 1 self - locking pliers 240 mm
- 1 Diagonal cutting nippers  $\ddagger$  160 mm
- 1 construction worker's pincers 220 mm
- 1 electrician's scissors, straight blades 145 mm
- 1 combination pliers bright chrome-plated, bi-material handles  $\equiv$  180 mm
- 1 Extra-long needle nose pliers  $\bullet$  160 mm
- 3 drift punches  $\varnothing$  2-3-4 mm
- 6 pin punches  $\varnothing$  2-3-4-5-6-8 mm
- 1 centre punch  $\varnothing$  4 mm
- 1 flat chisels 150 mm
- 2 flat chisels, ribbed type 200-250 mm
- 1 cape chisels, standard type 125 mm
- 1 engineer's hammer 500 g
- 1 soft face hammer  $\varnothing$  35 mm
- 1 measuring tape 3 m
- 1 telescopic magnet with flexible head
- 1 second-cut square files 200 mm
- 1 second-cut triangular files 200 mm
- 1 second-cut flat files 200 mm
- 1 second-cut half-round files 200 mm
- 1 second-cut round files 200 mm
- 1 Steel wire brush
- 1 snap - off blade utility knife 170 mm

Beta N.	TR
42	MM11
96BPC/SC9	MM11
895/1	MM105
895/3	MM105
895/6	MM105
900	MM105
900L	MM105
900ME	MM105
900LP	MM105
900PH	MM105
900TX	MM105
900/16	MM105
900/20	MM105
900/20L	MM105
900/21	MM105
900/25	MM105
900BG/30	MM105
900/42	MM105
900/55	MM105
910A	MM105
910/15	MM105
910/16	MM105
910/21	MM105
910/22	MM105
910/25	MM105
910/42	MM105
910/55	MM105
920A	MM105
920/15	MM105
920/25	MM105
920AN	MM105
920AN	MM105
920/42	MM105
920/55	MM105
956E	MM105
1201E	MM210
1201EN	MM210
1202E	MM210
1202EN	MM210
1207E/TX	MM210
1253	MM210
1032	MM129
1034	MM129
1036	MM129
1038	MM129
1048N	MM129
1052	MM129
1052	MM129
1082BM	MM129
1098	MM129
1128BM	MM129
1150BM	MM129
1166BM	MM129
30	MM230
31	MM230
32	MM230
34	MM230
35	MM230
36	MM230
1370	MM230
1390	MM230
1692	MM230
1712TF	MM230
1719BMA...Q	MM230
1719BMA...T	MM230
1719BMA...P	MM230
1719BMA...M	MM230
1719BMA...R	MM230
1737NX	MM230
1771	MM230

# 5954VG

assortment of 138 tools

## ► Car repairs

Quantity/Description	Beta N.
5 pin punches Ø 2-3-4-5-6 mm	31
1 centre punch Ø 4 mm	32
1 flat chisels 125 mm	34
18 combination wrenches 6+22 - 24 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
3 double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm	90
13 offset hexagon key wrenches $\odot$ 2+10 - 12 mm	96
4 1/2" drive impact sockets $\odot$ 17 - 19 - 21 - 22 mm	720
20 1/2" square drive hexagon sockets $\odot$ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm	920A
1 1/2" drive extension bar	920/21
1 1/2" drive extension bar	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet $\odot$	920/55
3 hi-torque hexagon nut spinners, long series $\odot$ 8 - 10 - 13 mm	943BX
10 T - handle wrenches with swivelling socket $\odot$ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
3 spark plug socket $\odot$ 16 - 17,8 - 20,8 mm	956C
1 pry bar	964
1 circlip pliers straight, internal $\odot$	1032
1 circlip pliers bent, internal $\odot$	1034
1 circlip pliers straight, external $\bullet$	1036
1 circlip pliers bent, external $\bullet$	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 adjustable self locking pliers, long jaws 175 mm	1058
1 Diagonal cutting nippers $\angle$ 160 mm	1082BM
1 electrician's scissors, straight blades 147 mm	1128BMX
1 combination pliers bright chrome-plated, bi-material handles $\equiv$ 180 mm	1150BM
1 Extra-long needle nose pliers $\bullet$ 160 mm	1166BM
1 circuit testing screwdriver $\bullet$ 6+24V	1254
1 screwdrivers for slotted head screws $\bullet$ 8 x 200 mm	1260
1 screwdrivers for slotted head screws, extra-short series $\bullet$ 6,5x30 mm	1260N
1 screwdrivers for cross head Phillips® screws $\oplus$ 8 x 150 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series $\oplus$ PH2x30 mm	1262N
5 drivers for Torx® head screws $\odot$ T8 - T10 - T15 - T20 - T25	1267TX
8 set of screwdrivers	1263/D8
1 engineer's hammer 300 g	1370
1 dead blow hammer Ø 35 mm	1392
1 brake spring pliers 210 mm	1470
1 crimping pliers for non insulated terminals	1603
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 gw	1712E/2
6 needle files 160 mm	1720/B6
1 plastic oil can 150 cc	1754



5954VG

059541054

Assortment recommended in combination with C54VG



## ► Car repairs

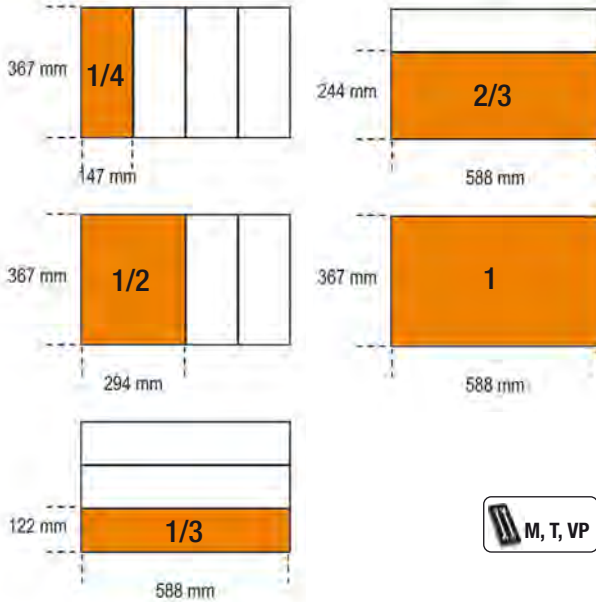
Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
17 combination wrenches 6-7-8-10-11-12-13-14-15-16-17-19-21-22-24-27-30 mm	42
12 double open end wrenches 6x7 ÷ 30x32 mm	55/S12X
8 offset hexagon key wrenches 2 ÷ 10 mm	96T/S8
1 offset hexagon key wrenches Ø 2,5 ÷ 12 mm	96N/G7
8 offset key wrenches, for Torx® head screws ⚙ T9 ÷ T40	97TX/SC8
5 offset key wrenches with XZN® profile ○ M5 ÷ M12	98XZN/B5
1 Adjustable wrench 250 mm	111E
1 ZERO-RESET click-type torque wrenches ⚙ 1/2", 40÷200 Nm	666/20
13 1/2" square drive hexagon sockets with rail ○ 10÷22 mm	920A/SB13
8 1/2" square drive hexagon sockets with rail ○ 23÷32 mm	920A/SB8
4 1/2" socket drivers for slotted head screws ● 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3 1/2" socket drivers for Phillips® screws ⚙ PH2 - 3 - 4	920PH
1 1/2" drive extension bar 125 mm	920/21
1 1/2" drive extension bar 255 mm	920/22
1 1/2" drive universal joint	920/25
1 1/2" drive sliding T-handle	920/42
1 1/2" drive reversible ratchet ⚙	920/55
2 1/2" drive impact sockets ○ 17 - 19 mm	720
10 T - handle wrenches with swivelling socket ○ 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	952
3 T - handle swivel spark plug wrenches 14 - 16 - 20,8 mm	959
1 pry bar	963
1 wheel nut wrench ○ ■ 1/2" - 17 - 19 - 22 mm	979
2 circlip pliers straight, internal ○ 140 - 180 mm	1032
2 circlip pliers bent, internal ○ 130 - 170 mm	1034
2 circlip pliers straight, external ● 140x1,3 - 175 mm	1036
2 circlip pliers bent, external ● 135x1,3 - 175 mm	1038
1 slip joint pliers, slip-proof PVC coated handles 250 mm	1048N
1 self - locking pliers 240 mm	1052
1 Diagonal cutting nippers ⚡ 160 mm	1082BM
1 Heavy-duty diagonal cutting nippers ⚡ 160 mm	1084BM
1 toggle lever assisted end cutting nippers ⚡ 180 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades 147 mm	1128BMX
1 combination pliers bright chrome-plated, bi-material handles = 180 mm	1150BM
1 Extra-long needle nose pliers ● 160 mm	1166BM
1 Extra-long bent needle nose pliers ● 200 mm	1168BM
2 screwdrivers for slotted head screws ● 8x200 - 10x200 mm	1260
1 screwdrivers for cross head Phillips® screws ⚙ PH3x150 mm	1262
8 set of screwdrivers	1263/D8
2 engineer's hammer 300 - 600 g	1370
1 soft face hammer Ø 35 mm	1390
11 roller stud extractors M5÷M16 mm	1433/C11
1 adjustable oil filter wrench	1491
1 circuit tester	1498
1 measuring tape 5 m	1692
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 two cutting edges scraper 200 mm	1717A
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA8/S5
1 hacksaw frame, aluminium handle	1725
1 metal oil can 200 cc	1751
1 snap - off blade utility knife 170 mm	1771BM
1 sliding gauge	1650

# SOFT MODULES

Assortment of tools in thermoformed trays, designed for roller cabs



RSC23T  
RSC24  
RSC24A  
RSC24AXL  
RSC24AXLP/7  
RSC24AXXL  
RSC24L/7  
RSC24L-CAB  
RSC28  
C30M  
C37  
C37A  
C39  
C39T  
C39MD  
C39SM  
RSC51  
C57S  
C58BC  
C59  
RSC55  
RSC50 2.0



544÷554  
560÷568



## M01



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm

4,5 kg



M01 1 024500001  
MV10 1 024510010

## M02



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-32 mm

6,3 kg



M02 1 024500002  
MV02 1 024510002

## M05



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21 mm

1,5 kg



M05 1 024500005  
MV15 1 024510015

## M06



42 22-24-27-30-32 mm

2,1 kg



M06 1 024500006  
MV16 1 024510016

## M13



42SLIM 8-10-11-12-13-14-15-16-17-18-19 mm

1,2 kg



M13 1 024500013  
MV13 1 024510013

## M25



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm  
90 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm  
123Q1/4  
123Q3/8  
123Q1/2  
142 8-9-10-11-12-13-14-15-16-17-18-19 mm

5,1 kg



M25 1 024500025  
MV25 1 024510873

## M30



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
90 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,2 kg



M30 1 024500030  
MV30 1 024510030





## M32

27



**42AS** 1/4 - 9/32 - 5/16 - 3/8 - 7/16 - 1/2 - 9/16  
- 19/32 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 -  
15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4

○ **96BP/AS-SC9** 1/16 - 3/32 - 1/8 - 5/32 - 3/16 - 7/32 - 1/4  
- 5/16 - 3/8

810 g



<b>M32</b>	1	024500032
<b>MV31</b>	1	024510031

## M33

17



**55** 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
○ **96/SC9** 1,5+10 mm

1,1 kg



<b>M33</b>	1	024500033
<b>MV33</b>	1	024510033

## M38

4



**55** 21x23-24x26  
27x29-30x32 mm

1,7 kg



<b>M38</b>	1	024500038
<b>MV38</b>	1	024510038

## M40

7



**90** 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19 mm

810 g



<b>M40</b>	1	024500040
<b>MV40</b>	1	024510040

## M44

12



**141** 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,3 kg



<b>M44</b>	1	024500044
<b>MV44</b>	1	024510044



## M45

12



**142** 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,3 kg



<b>M45</b>	1	024500045
<b>MV45</b>	1	024510045

## M46

12



**142SN** 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,4 kg



<b>M46</b>	1	024500046
<b>MV46</b>	1	024510046

## M49

24



**52MQ** 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17  
- 19 - 22 mm  
**89MQ** 7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17  
- 19 - 22 mm

3,3 kg



<b>M49</b>	1	024500049
<b>MV49</b>	1	024510049

## M50

8



○ **96T** 2-2,5-3-4-5  
6-7-8 mm

1,1 kg



<b>M50</b>	1	024500050
<b>MV50</b>	1	024510051

## M52

5



96T 2,5-3-4-5-6 mm

330 g



M52	1 024500052
MV52	1 024510052

## M53

5



96TBP 2,5-3-4-5-6 mm

350 g



M53	1 024500053
MV52	1 024510052

## M55

5



97TTX T10-T15-T20-T25-T30

330 g

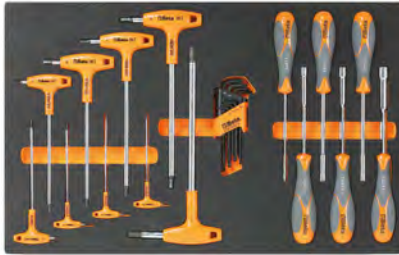


M55	1 024500055
MV55	1 024510055



## M60

23



96T 2-2,5-3-4-5-6-7-8-10 mm  
 97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40  
 944BX 5-6-7-8-10-13 mm

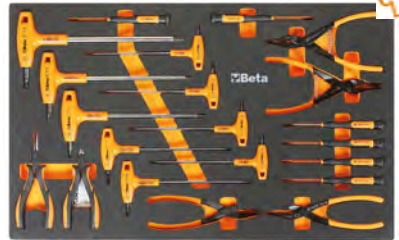
1,9 Kg



M60	1 024500060
MV60	1 024510060

## M62

21



97TTX T10-T15-T20-T25-T27-T30-T40-T45-T50  
 1032 180 mm  
 1034 170 mm  
 1036 175 mm  
 1038 175 mm  
 1177BM 140 mm  
 1188BM 125 mm  
 1257LP 2-2,5-3-3,5 mm  
 1257PH 0-00

2,3 kg



M62	1 024500875
MV62	1 024510875

## M63

8



952 7-8-10-12-13-14-17-19 mm

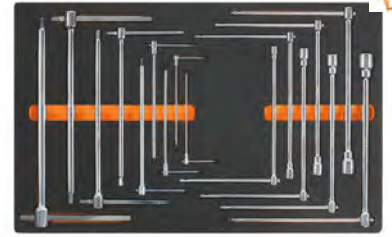
3,4 kg



M63	1 024500063
MV63	1 024510063

## M65

16



950 8-10-12-13-14-17-19 mm  
 951 2,5-3-4-5-6-8-10-12-14 mm

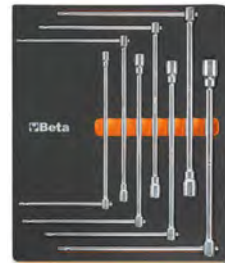
3,6 Kg



M65	1 024500065
MV65	1 024510065

## M67

6



950 7-8-10-12-13-17 mm

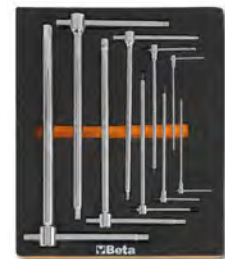
1,8 kg



M67	1 024500067
MV67	1 024510067

## M69

9



951 2,5-3-4-5-6-8-10-12-14 mm

1,8 kg



M69	1 024500069
MV69	1 024510069

# Beta

# Beta

## M75

16



933 7-8-9-10-11-12-13-14-15  
16-17-18-19-21-22-24 mm

5,5 kg



M75	1	024500075
MV75	1	024510075

## M78

17



80 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm

920/36A  
965 450 mm  
1052 240 mm  
1058 175 mm  
1481PL/A  
1481PL/B  
1481PL/C  
1650 150 mm  
1708/20  
1716P

4,4 kg



M78	1	024500878
MV77	1	024510878

## M82

29



920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920ME 5-6-8-10-12 mm  
920AN/125 125 mm  
920AN/250 250 mm  
920/25  
920/42 305 mm  
920/55

4,1 kg



M82	1	024500082
MV84	1	024510084



## M83

24



920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920AN/125 125 mm  
920AN/250 250 mm  
920/25 255 mm  
920/42 305 mm  
920/55

3,7 kg

12"



M83	1	024500083
MV87	1	024510087

## M85

45



851SR 230 mm  
860LP 0,5x3 - 0,6x4,5 -  
0,8x5,5 - 1x5,5 -  
1,2x6,5 mm  
860PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 -  
10 mm  
860PH PH0 - PH1 - PH2 -  
PH3 - PH4  
860PZ PZ1 - PZ2 - PZ3 - PZ4  
860TX T6 - T7 - T8 - T9 - T10 -  
T15 - T20 - T25 - T27 -  
T30 - T40  
860RTX T9 - T10 - T15 - T20 -  
T25 - T27 - T30 - T40  
860/55 100 mm  
882P 80 mm  
892 1/4 - 1/4

450 g

1/4"



M85	1	024500085
MV85	1	024510085

## M86

46



867PE 4-5-6-7-8-10-12 mm  
867PE/L 4-5-6-7-8-10-12 mm  
867XZN 5-6-8-10-12 mm  
867XZN/L 5-6-8-10-12 mm  
867TX T20 - T25 - T30 - T40 -  
T45 - T50 - T55  
867TX/L T25 - T30 - T40 - T45 -  
T50 - T55  
867RTX T20 - T25 - T30 - T40 -  
T45 - T50 - T55  
867/1  
867/2

1,4 kg

10"



M86	1	024500086
MV86	1	024510086

## M91

25



900 4 - 4,5 - 5 - 5,5 - 6 - 7 -  
8 - 9 - 10 - 11 - 12 -  
13 - 14 mm  
900ME 2,5-3-4-5-6-8 mm  
900/20 50 mm  
900/21 150 mm  
900/25 □ 1/4 - ■ 1/4  
900BG/30  
900/42  
900/55

560 g

14"



M91	1	024500091
MV89	1	024510089

## M92

22



910A 6-7-8-9-10-11-12-13-  
14-15-16-17-18-19-20-  
21-22 mm  
910/21 125 mm  
910/22 250 mm  
910/25  
910/42  
910/55

1,5 kg

3/8"



M92	1	024500092
MV93	1	024510093

## M94

26



900AS/L 3/16 - 7/32 - 1/4 - 9/32 -  
5/16 - 11/32 - 3/8 -  
7/16 - 1/2 - 9/16  
900AS 3/16 - 7/32 - 5/32 - 1/4 -  
9/32 - 5/16 - 11/32 -  
3/8 - 7/16 - 1/2 - 9/16  
900AN 50-100mm  
900/25  
900/55  
900/42

930 g

14"



M94	1	024500094
MV95	1	024510095

## M96

22



920A/AS 3/8 - 7/16 - 1/2 - 9/16 -  
19/32 - 5/8 - 11/16 -  
3/4 - 25/32 - 13/16 -  
7/8 - 15/16 - 1 - 1.1/16 -  
1.1/18 - 1.3/16 -  
1.1/4  
920/25  
920AN 125-250mm  
920/42  
920/55

3,8 kg

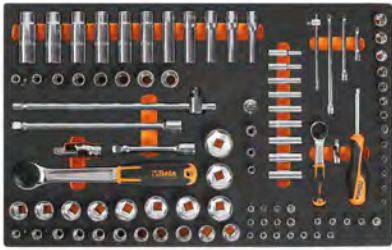
12"



M96	1	024500096
MV97	1	024510097

# M100

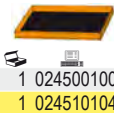
98



- 895/1
- 895/3
- 895/6
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊗ 900TX T10 - T15 - T20 - T25 - T27 - T30 - T40
- 900/20 50 mm
- 900/20L 100 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- ⊗ 900/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 920/15
- 920/25
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/42
- ⊗ 920/55
- 920FTX 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 mm
- 920AL 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22

6,7 kg

14" 12"



M100 1 024500100  
MV104 1 024510104

# M105

116



- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm
- 895/1
- 895/3
- 895/6
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊗ 900TX T10 - T15 - T20 - T25 - T27 - T30 - T40
- 900/16 □ 1/4 - ■ 3/8
- 900/... 50-100-150 mm
- 900/25
- 900BG/30
- 900/42
- ⊗ 900/55
- 910A 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
- 910/15 □ 3/8 - ■ 1/4
- 910/16 □ 3/8 - ■ 1/2
- 910/21 125 mm
- 910/22 250 mm
- 910/25
- 910/42
- ⊗ 910/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 1/2 - ■ 3/8
- 920/15
- 920/25
- 920AN 125-250 mm
- 920/42
- ⊗ 920/55
- 956E 16-17,8-20,8 mm

7,7 kg

14" 3/8" 12"



M105 1 024500871  
MV107 1 024510107

# M108

27



- 910MQ/PE 4-5-6-8 mm
- 910MQ/B 7-8-10-11-12-13-14-15-16-17-19 mm
- ⊗ 910MQ/TX T15 - T20 - T25 - T27 - T30 - T40
- 910MQ/XZN 8-10 mm
- 910MQ/21 140 mm
- 910MQ/22 265 mm
- 910MQ/T
- 910MQ/55

2,7 kg



M108 1 024500108  
MV108 1 024510108

# M110

36



- ⊗ 850MQ
- ⊗ 861TX/A10
- 920MQ/A 8-9-10-11-12-13-14-15-16-17-18-19-20 mm
- 920MQ/PE 5-6-8-10-12 mm
- 920MQ/21 125 mm
- 920MQ/22 250 mm
- 920MQ/55A
- 943MQ 6-7-8-10 mm

3,1 kg



M110 1 024500110  
MV110 1 024510110

# M112

32



- ⊗ 861TX ● 1/4-T6+T15
- ⊗ 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- ⊗ 900FTX □ 1/4-E4+E10
- ⊗ 920FTX □ 1/2-E12+E24
- ⊗ 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"



M112 1 024500112  
MV112 1 024510112

# M115

54



- ⊗ 666/20 40+200 Nm
- 920A 13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
- ⊗ 920FTX 12-14-16-18-20-22-24 mm
- 920PE 6-7-8-8L-10-10L-12-12L-14-14L
- ⊗ 920TX T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T20L - T25L - T27L - T30L - T40L - T45L - T50L
- 920/21 125 mm
- 920/22 255 mm
- 920/25
- 920/42 305 mm
- ⊗ 920/55

7,8 kg

12"



M115 1 024500115  
MV117 1 024510117

# Beta

## M118

33



- 1927P
- 720L 13-17-19-21-22-24 mm
- 720ME 5-6-8-10-12-14-17-19 mm
- 720 10-12-13-14-15-16-17  
18-19-21-22-24-27-30-32 mm
- 720LC 17-19-21 mm

1,8 g



M118	1	024500118
MV118	1	024510118

SUITABLE FOR 140 MM DRAWERS

## M120

75



- 920A 10-11-12-13-14-15-16-17-18-19-20-21  
22-24-26-27-30-32 mm
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/25
- 920/42
- 920AL 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 -  
22 - 24 - 27 - 30 - 32 mm
- 920FTX 10 - 12 - 14 - 16 - 18 - 20 - 22 - 24 mm
- 920/55
- 920PE 5 - 5L - 6 - 6L - 7 - 7L - 8 - 8L - 10 - 10L  
- 12 - 12L - 14 - 14L
- 920TX T20-T25-T27-T30-T40-T45-T50-T55-T60  
T20L-T25L-T27L-T30L-T40L-T45L-T50L

6,9 Kg

12"



M120	1	024500120
MV119	1	024510119

## M121

46



- 920BP 5L - 6L - 8L - 10L - 5XL - 6XL - 8XL mm
- 920TX T20 - T25 - T27 - T30 - T40L - T45L  
- T50L - T55L - T60L - T70L
- 920XZN 4 - 5 - 6 - 6L - 8 - 8L - 10 - 10L - 12 - 12L  
- 14 - 14L - 16 - 18 mm
- 920ES 7 - 9 - 10 - 11 - 12L - 14L - 16L - 7XL -  
9XL - 10XL - 11XL - 12XL - 14XL - 16XL  
mm

920/36A

6,3 Kg

12"



M121	1	024500121
MV121	1	024510121

## M125

68



- 910AL 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17  
- 19 - 21 - 22 mm
- 920PE 5-6-6L-7-8-8L-10-10L-12-12L mm
- 920FTX E12 - E14 - E16 - E18 - E20 - E22 - E24
- 920TX T20 - T25 - T27 - T30 - T30L - T40 - T40L  
- T45 - T50 - T50L - T55 - T60 - T60L
- 920XZN 5 - 6 - 6L - 8 - 8L - 10 - 10L - 12L mm
- 920AL 10 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19  
- 21 - 22 - 23 - 24 - 27 - 30 - 32 mm

1692/5

7,9 kg

38" 12"



M125	1	024500872
MV125	1	024510872

## M126

26



- 928A 19 - 21 - 22 - 24 - 26 - 27 - 28 - 30 - 32  
- 34 - 35 - 36 - 38 - 41 - 46 mm
- 928ME 14-17-19-22 mm
- 928/15 □ 3/4 - ■ 1/2
- 928/16 □ 3/4 - ■ 1
- 928/21 200 mm
- 928/22 380 mm
- 928/25
- 928/42 450 mm
- 928/55

12,4 kg

34"



M126	1	024500126
MV139	1	024510139

## M127

23



- 728 19 - 21 - 22 - 24 - 27 - 30 - 32 - 33 - 34  
- 35 - 36 - 38 - 40 - 41 - 46
- 728FTX 20-22-24 mm
- 728/15 □ 3/4 - ■ 1/2
- 728/16 □ 3/4 - ■ 1
- 728/21 175 mm
- 728/22 250 mm
- 728/25

12,5 kg

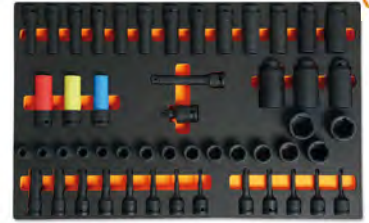
34"



M127	1	024500127
MV127	1	024510127

## M128

50



- 720 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18  
- 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
- 720L 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18  
- 19 - 21 - 22 - 24 - 27 - 30 - 32 mm  
T30-T40-T45-T50-T55
- 720TX
- 720ME 5 - 6 - 8 - 10 - 12 - 14 - 17 - 19 mm
- 720LC 17-19-21 mm
- 720/21 125 mm
- 720/25

8,9 kg

12"



M128	1	024500128
MV128	1	024510128

## M129

13



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm
- 1048N 250 mm
- 1052 240 mm
- 1082BM 160 mm
- 1098 220 mm
- 1112 250 mm
- 1128BM 145 mm
- 1150BM 180 mm
- 1166BM 160 mm
- 1168BM 160 mm

3,4 Kg



M129	1	024500129
MV138	1	024510138

## M133

3



- 1082G 160 mm
- 1150G 180 mm
- 1166G 160 mm

650 g



M133	1	024500133
MV133	1	024510133

## M134

3



- 1082GBM 160 mm
- 1150GBM 180 mm
- 1166GBM 160 mm

750 g



M134	1	024500134
MV134	1	024510134

## M135

3



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

750 g



M135	1	024500135
MV135	1	024510135

## M136

3



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g



M136	1	024500136
MV131	1	024510131

## M137

3



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g



M137	1	024500137
MV132	1	024510132

## M145

4



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g



M145	1	024500145
MV145	1	024510145

## M153

2



- 1048N 250 mm
- 1052 240 mm

1 kg



M153	1	024500153
MV154	1	024510154

## M161

15



- 1128MQ 145 mm
- 1048MQ 250 mm
- 1082MQ 160 mm
- 1150MQ 180 mm
- 1162MQ 160 mm
- 1164MQ 160 mm
- 1272MQ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1274MQ 2,5x75 - 3x100 - 4x100 - 5,5x125 mm
- 1777MQ/U

3,0 kg



M161	1	024500161
MV161	1	024510161



## M162

8



- 1241 5,5x100 - 6,5x125 - 8x150 - 10x200 mm
- 1242 PH1x100 - PH2x100 - PH3x150 - PH4x200 mm

1,4 kg



M162	1	024500162
MV162	1	024510162

## M166

49



861MIX/A31

- 1048N 250 mm
- 1082BM 160 mm
- 1150BM 180 mm
- 1162BM 160 mm
- 1290 3x75 - 4x100 - 5,5x100 - 6,5x150 - 8x150 mm
- 1290N 6,5x30 mm
- 1292 4,5x80 - 6x100 - 8x150 mm
- 1292N 6x30 mm
- 1297TX T20-T25-T27-T30

2,9 kg



M166	1	024500879
MV880	1	024510880

## M170

7



- 1290 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm

500 g



M170	1	024500170
MV170	1	024510170

## M172

6



- 1292 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

450 g



M172	1	024500172
MV172	1	024510172

## M174

6



- ⊖ 1297TX T8 - T10 - T15 - T20 - T25 - T30

450 g



M174	1	024500174
MV174	1	024510174

## M180

7



- 1290 3x75  
4x100  
5,5x150  
6,5x150 mm
- 1292 PH0x60  
PH1x80  
PH2x100 mm

500 g



M180	1	024500180
MV180	1	024510180



## M195

25



- 1260 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
- 1260N 4x30 mm
- 1262 PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1262N PH1X30 mm
- ⊖ 1267TX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
- 1253 3,5x100 mm

2,3 kg



M195	1	024500195
MV195	1	024510195

## M201

6



- 1260 3x75 - 4x100 - 6,5x150 mm
- 1262 PH0x60 - PH1x80 - PH2x100 mm

500 g



M201	1	024500201
MV201	1	024510201

## M204

6



- ⊖ 1267TX T8 - T10 - T15 - T20 - T25 - T30

450 g



M204	1	024500204
MV204	1	024510204

## M208

10



- 1260 3x75  
3,5x100  
4x125  
5,5x150  
6,5x150 mm
- 1262 PH0x60  
PH1x80  
PH2x100 mm
- 1260N 4x30 mm
- 1262N PH1x30 mm

750 g



M208	1	024500208
MV208	1	024510208

## M209

10



- 1260N 4x30 mm
- 1264 2,5x60 - 3x100 - 4x125 - 5x150 - 6,5x150 mm
- 1262 PH0x60 - PH1x80 - PH2x100 mm
- 1262N PH1x30 mm

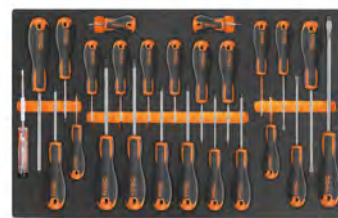
820 g



M209	1	024500209
MV208	1	024510209

## M213

25



- 1201E 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
- 1201EN 4x30 mm
- 1202E PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 1202EN PH1X30 mm
- ⊖ 1207E/TX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
- 1253 3,5x100 mm

1,8 Kg



M213	1	024500213
MV210	1	024510210



## M214

7



- 1201E 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm

500 g



M214 1 024500214  
MV211 1 024510211

## M216

6



- 1202E PH0x60 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm

450 g



M216 1 024500216  
MV212 1 024510212

## M217

7



- 1207E/TX T6 - T7 - T8 - T9 - T10 - T15 - T20

500 g



M217 1 024500217  
MV215 1 024510215

## M218

7



- 1201E 3x75 4x100 5,5x150 6,5x150 mm
- 1202E PH0x60 PH1x80 PH2x100 mm

500 g



M218 1 024500218  
MV220 1 024510220

## M222

7



- 1272MQ PH0x60 mm
- 1272MQF PH1x80 - PH2x100 mm
- 1274MQF 3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm

540 g



M222 1 024500222  
MV222 1 024510222

## M226

7



- 1274MQ 3x100 4x100 5,5x125 6,5x150 mm
- 1272MQ PH0x60 PH1x80 PH2x100 mm

500 g



M226 1 024500226  
MV226 1 024510226

## M227

5



- 944BX 6-7-8-10-13 mm

420 g



M227 1 024500227  
MV227 1 024510227

## M230

25



- 30 Ø 2-3-4 mm
- 31 Ø 2-3-4-5-6-8 mm
- 32 Ø 4 mm
- 34 150 mm
- 35 200-250 mm
- 36 125 mm
- 1370 500 g
- 1390 Ø 35 mm
- 1692 3 m
- 1712TF
- 1719BMA/Q 200 mm
- 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- 1719BMA/M 200 mm
- 1719BMA/R 200 mm
- 1737NX
- 1771 170 mm

3,2 Kg



M230 1 024500230  
MV230 1 024510230

## M231

22



- 31 2-3-4-5-6-8 mm
- 32 4 mm
- 34 125-150-175 mm
- 36 125 mm
- 1370 500-1000 g
- 1390 Ø 35 mm
- 1712TF 590 mm
- 1715 670 mm
- 1719BMA8/Q 200 mm
- 1719BMA8/T 200 mm
- 1719BMA8/P 200 mm
- 1719BMA8/M 200 mm
- 1719BMA8/R 200 mm
- 1737NX

4,7 kg



M231 1 024500877  
MV231 1 024510877





## M234



35 100-200 mm  
1370 300 g  
1390 Ø 35 mm

1,3 kg



M234 1 024500234  
MV232 1 024510232

## M236



■ 1719BMA/Q 200 mm  
▲ 1719BMA/T 200 mm  
■ 1719BMA/P 200 mm  
▶ 1719BMA/M 200 mm  
● 1719BMA/R 200 mm

870 g



M236 1 024500236  
MV236 1 024510236

## M237



35 100-200 mm  
1370T 300 mm  
1390N Ø 35 mm

1,3 kg



M237 1 024500237  
MV232 1 024510232

## M240



31BM Ø 2-3-4-5-6-8 mm  
32 Ø 4 mm

850 g



M240 1 024500240  
MV240 1 024510240



## M264



1491 Ø 65+110 mm  
■ 1494 ■ 10 mm  
○ 1494E ○ 8 - 9 - 10 - 11 - 12 - 14 - 17 mm  
○ 1494Q ○ 8-9,5-12-13 mm  
△ 1494T △ 9,5  
○ 1494XZN ○ 16  
1496C ■ 8x ■ 10 mm

2,1 kg



M264 1 024500264  
MV264 1 024510264

## M284



1128BMX 147 mm  
1130BMX 185 mm  
■ 1719BMA...Q 200 mm  
▲ 1719BMA...P 200 mm  
▶ 1719BMA...M 200 mm  
● 1719BMA...R 200 mm  
1726BM 400 mm  
1728BM (5)  
1771BM 170 mm  
1778V18 185 mm

2,4 Kg



M284 1 024500284  
MV284 1 024510284

## M292



111E 250 mm  
1128BMX 147 mm  
1692/5 5 m  
1771 170 mm

500 g



M292 1 024500292  
MV293 1 024510293

## M294



1692/5 5 m  
1725CR 260 mm  
1771 170 mm  
1771RL

500 g



M294 1 024500294  
MV294 1 024510294

## M295



1650  
1682 300 mm  
1707  
1708/20

450 g



M295 1 024500295  
MV295 1 024510295



### M400

29



- 3932U
- 3935 120 mm
- 3937 170 mm
- 3952 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U 3,2 - 4,0 mm
- 3969 200 mm (x2)
- 3969K3 113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1 Ø35 mm
- 3984/2 Ø22,8 mm
- 3984/3 Ø23,5 mm
- 3984/4 Ø23 mm
- 3991 222 mm
- 3992 234 mm

3,1 kg



- M400 1 024500400
- MV400 1 024510400

### M401

7

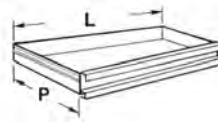


- 3921 440 mm
- 3948
- 3953
- 3955 30x32 - 32x36 mm
- 3967 289 mm
- 3971

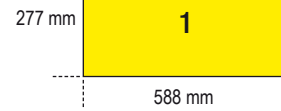
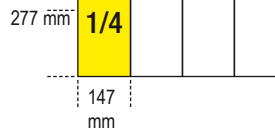
2,7 kg



- M401 1 024500401
- MV401 1 024510401



RSC22  
RSC23  
RSC23C  
C27S



554  
569

C41S  
C41H



554

### MC10

34



- 42 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-21-22 mm
- 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- ⌘ 1084BM 160 mm
- ≡ 1150G 180 mm
- 1166G 160 mm
- 1201E 3,5x100 - 5,5x150 - 6,5x150 mm
- ⊕ 1202E PH0x60 - PH1x80 - PH2x100 mm

3,5 kg



- MC10 1 027500011
- MCV10 1 027510010

### MC12

26



- 42 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17  
18 - 19 - 21 - 22 mm
- 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 1692/5 5 m

2,2 kg



- MC12 1 041500012
- MCV11 1 041510011

### MC20

74



- 861MIX/A31
- 895/1
- 1048N 250 mm
- 1370 300 g
- 32 Ø 4 mm
- 36 Ø 4 mm
- 900 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 900/21 150 mm
- 900/25
- 900BG/30C
- 900/42
- 900/55
- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24  
- 27 - 30 - 32 mm

- 920/25
- 920AN/125 125 mm
- 920/42
- 920/55

6 kg



- MC20 1 027500020
- MCV24 1 027510024

### MC21

24



- 920A 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20  
- 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
- 920/25
- 920/42
- ⊕ 920/55
- 920AN 125-250 mm

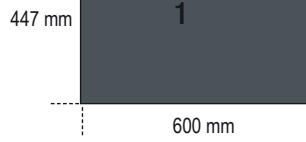
4,3 kg



- MC21 1 041500021
- MCV17 1 041510017

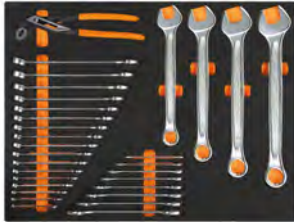


C35



555-556

## MB12



42	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
1048N	250 mm

5,4 kg



MB12	1	024504212
MBV13	1	024524213

## MB37



920A	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
920/21	125 mm
920/22	150 mm
920/25	
920/42	
920/55	
111E	250 mm
1052	240 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
900	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/55	
900/42	

7,0 kg



MB37	1	024504237
MBV27	1	024524227

## MB39



920A	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	
920PE	5-6-8-10-12 mm
1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
35	200 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1370	500 g
1390	35 mm

7,2 kg



MB39	1	024504239
MBV29	1	024524229

## MB44



1260	2,5x50 - 3x75 - 3,5x100 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
1260N	4x30-6,5x30 mm
1262	PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm
1262N	PH1x30-PH2x30 mm
1253	
96BPC/SC9	
951	2,5-3-4-5-6-8 mm

2,8 kg



MB44	1	024504244
MBV44	1	024524244

## MB46



1260	3x75 - 4x100 - 5,5x125 - 6,5x150 mm
1262	PH0x60 - PH1x80 - PH2x100 mm
1267TX	T8 - T10 - T15 - T20 - T25 - T30
96BPC/SC9	
96T	2-2,5-3-4-5-6
1052	240 mm

2,8 kg



MB46	1	024504246
MBV46	1	024524246

## MB47



1260	3x75 - 4x100 - 5,5x125 - 6,5x150 mm
1262	PH0x60 - PH1x80 - PH2x100 mm
1260N	4x30 mm
1262N	PH1x30 mm
96T	2,5-3-4-5-6-8 mm
96BPC/SC9	
920A	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm
920/21	125 mm
920/22	250 mm
920/25	
920/42	
920/55	

5,6 kg

12"



MB47	1	024504247
MBV70	1	024524270

**MB58**

17



31	Ø 2-3-4-5-6 mm
32	Ø 4 mm
35	200 mm
1112	250 mm
1128BMX	147 mm
1370	500 g
1390	Ø 45 mm
■ 1719BMA...Q	200 mm
▲ 1719BMA...T	200 mm
■ 1719BMA...P	200 mm
▶ 1719BMA...M	200 mm
● 1719BMA...R	200 mm
1726	440 mm

4,5 kg



MB58	1 024504258
MBV55	1 024524255

**MB59**

15



■ 1719BMA...Q	200 mm
▲ 1719BMA...T	200 mm
■ 1719BMA...P	200 mm
▶ 1719BMA...M	200 mm
● 1719BMA...R	200 mm
31	Ø 4-6 mm
32	Ø 4 mm
35	125-200 mm
1370	300 g
1390	Ø 35 mm
1692	5 m
1725	420 mm
1833XS/2	

3,4 kg



MB59	1 024504259
MBV57	1 024524257

**MB65**

16



1719BMA...Q	200 mm
1719BMA...P	200 mm
1719BMA...T	200 mm
1719BMA...M	200 mm
1719BMA...R	200 mm
35	200 mm
○ 1032	180 mm
○ 1034	170 mm
○ 1036	175 mm
● 1038	175 mm
1052	240 mm
⚡ 1084BM	160 mm
≡ 1150BM	180 mm
● 1166BM	160 mm
1370	500 g
1390	Ø 35 mm

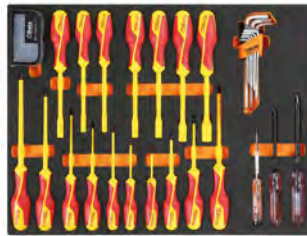
4,8 kg



MB65	1 024504265
MBV61	1 024524261

**MB63**

60



○ 96BPC/SC9	
● 1250	4x125 mm
⊕ 1251	PH1x125 mm
● 1253	
○ 943MQ	5,5-6-7-8-10-13 mm
⊕ 1272MQ	PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
● 1274MQ	2,5x75 - 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
● 860LP	0,5x3 - 0,6x4 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
○ 860PE	2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
⊕ 860PH	PH0 - PH1 - PH2 - PH3 - PH4
⊕ 860PZ	PZ1 - PZ2 - PZ3 - PZ4
⊕ 860RTX	T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
882MSR 50	○ 1/4 ● 1/4
● 850MQ	

3,2 kg



MB63	1 024504263
MBV63	1 024524263

**MB64**

20



55	6x7-8x9-10x11 - 12x13-14x15 - 16x17-18x19 - 20x22 mm
1048MQ	250 mm
⚡ 1082MQ	140 mm
1128BSX	148 mm
1132MQ	230 mm
⊕ 1150MQ	180 mm
● 1166MQ	160 mm
● 1168MQ	160 mm
110MQ	250 mm
1777MQ	
993MQ	
1602	

4,1 kg



MB64	1 024504264
MBV62	1 024524262



**C45PRO 2.0**

566 mm  
406 mm  
532 mm  
34 mm

1

MM

557

**MM11**



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm  
 ○ 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,5 kg

MM11	1	024580011
MMV10	1	024590010

**MM26**



42 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24-27 mm  
 111E 250 mm  
 123Q1/4  
 123Q3/8  
 123Q1/2  
 142 8-9-10-11-12-13-14-15-16-17-18-19 mm

4,3 kg

MM26	1	024580026
MMV26	1	024590026



**MM30**



55 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
 90 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-30x32 mm  
 ○ 96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm

4,9 kg

MM30	1	024580030
MMV30	1	024590030

**MM60**



○ 96T 2-2,5-3-4-5-6-7-8-10 mm  
 ○ 97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40  
 ○ 944BX 5-6-7-8-10-13 mm

2,2 Kg

MM60	1	024580060
MMV60	1	024590060

**MM63**



○ 952 7-8-10-12-13-14-17-19 mm

3,4 kg

MM63	1	024580063
MMV63	1	024590063

**MM100**



- 895/1
- 895/3
- 895/6
- 900 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
- 900L 5-6-7-8-9-10-11-12-13 mm
- 900ME 3-4-5-6-7 mm
- 900LP 0,8x4-1x5,5-1,2x6,5-1,2x8 mm
- ⊕ 900PH PH1-PH2-PH3-PH4
- ⊗ 900TX T10-T15-T20-T25-T27-T30-T40
- 900/20 50 mm
- 900/20L 100 mm
- 900/21 150 mm
- 900/25
- 900BG/30
- 900/42
- ⊗ 900/55
- 920A 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
- 920/15
- 920/25
- 920AN/125 125 mm
- 920AN/250 250 mm
- 920/42
- ⊗ 920/55
- 920FTX 10-12-14-16-18-20-22-24 mm
- 920AL 10-12-13-14-15-16-17-18-19-21-22

6,7 Kg

14" 12"

MM100	1	024580100
MMV104	1	024590104



# Beta

## MM105

107



- 895/1    □1/4-□1/4
- 895/3    □1/4-□3/8
- 895/6    □5/16-□1/2
- 900    4- 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 900L    5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 900ME    3-4-5-6-7 mm
- 900LP    0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8
- ⊕ 900PH    PH1 - PH2 - PH3 - PH4
- ⊕ 900TX    T10 - T15 - T20 - T25 - T27 - T30 - T40
- 900/16    50-100-150 mm
- 900/25    176 mm
- 900BG/30    115 mm
- 900/42    125 mm
- ⊕ 900/55    6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 mm
- 910A    □3/8-■1/4
- 910/15    □3/8-■1/2
- 910/16    125 mm
- 910/21    250 mm
- 910/22    210 mm
- 910/25    200 mm
- ⊕ 910/55    8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm
- 920A    □1/2-■3/8
- 920/15    125-250 mm
- 920/25    305 mm
- 920AN    275 mm
- 920/42    16 mm (5/8") - 17,8 (11/16") - 20,8 (13/16")
- ⊕ 920/55    14" 38" 12"
- 956E

7,2 kg



MM105 1 024580105  
MMV107 1 024590107

## MM129

12



- 1032    180 mm
- 1034    170 mm
- 1036    175 mm
- 1038    175 mm
- 1048N    250 mm
- 1052    240 mm
- ⌘ 1082BM    160 mm
- 1098    220 mm
- 1128BM    145 mm
- ≡ 1150BM    180 mm
- 1166BM    160 mm
- 1168BM    160 mm

2,9 Kg



MM129 1 024580129  
MMV129 1 024590129

## MM210

25



- 1201E    2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150 - 8x200 mm
- 1201EN    4x30 mm
- ⊕ 1202E    PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- ⊕ 1202EN    PH1X30 mm
- ⊕ 1207E/TX    T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
- 1253

2,1 kg



MM210 1 024580211  
MMV210 1 024590210



## MM230

25



- 30    Ø 2-3-4 mm
- 31    Ø 2-3-4-5-6-8 mm
- 32    Ø 4 mm
- 34    150 mm
- 35    200-250 mm
- 36    125 mm
- 1370    500 g
- 1390    Ø 35 mm
- 1692    3 m
- 1712TF
- 1719BMA...Q    200 mm
- 1719BMA...T    200 mm
- 1719BMA...P    200 mm
- 1719BMA...M    200 mm
- 1719BMA...R    200 mm
- 1737NX
- 1771    170 mm

3,2 Kg



MM230 1 024580230  
MMV230 1 024590230

## MM400

29



- 3932U
- 3935    120 mm
- 3937    170 mm
- 3952    13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 3961 3,2
- 3961 3,3
- 3961 3,5
- 3961U    3,2 - 4,0 mm
- 3969    200 mm (x2)
- 3969K3    113 mm
- 3973/1
- 3973/2
- 3973/3
- 3973/4
- 3984/1
- 3984/2
- 3984/3
- 3984/4
- 3991    222 mm
- 3992    234 mm

3,1 kg



MM400 1 024580400  
MMV400 1 024590400

### MM401



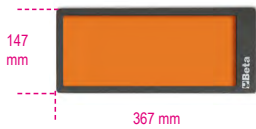
- 3921 440 mm
- 3948
- 3953
- 3955 30x32 mm - 32x36 mm
- 3967 289 mm
- 3971

2,7 kg

MM401	1 024580401
MMV401	1 024590401

### VPM0

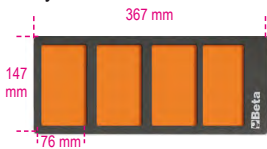
EVA foam tray with tote tray



VPM0	1 088870350
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### VPM3

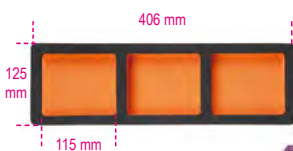
EVA foam tray with 4 tote trays



VPM3	1 088870353
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### VPM7

EVA foam tray with 3 tote trays, for tool chests C45PRO 2.0



VPM7	1 088870356
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### VPM8

EVA foam tray with tote tray, for mobile roller cabs and tool chests C45PRO 2.0



VPM8	1 088870357
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### VPM9

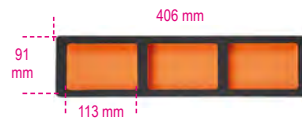
soft thermoformed tray with tote tray



VPM9	1 088870358
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### VPM7-C

EVA foam tray with 3 tote trays, for mobile roller cabs C45PRO 2.0

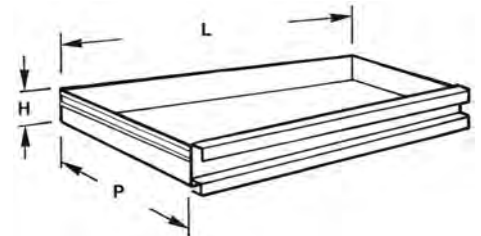


VPM7C	1 088870360
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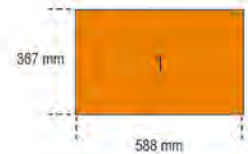
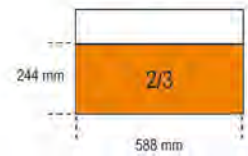
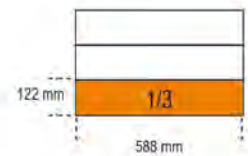
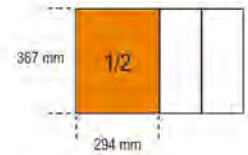
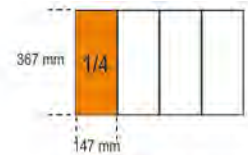
## Hard thermoformed trays T-series



Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.



H mm	LxP mm
70	588x367



## T01



42

6-7-8-10-11-12-13  
14-16-17-18-19-21  
22-24-27-30 mm

2,7 kg



T01	1	024240001
TV10	1	024000400



## T05



42

6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1,5 kg



T05	1	024240005
TV15	1	024000445

## T06



42

22-24-27-30-32 mm

2,1 kg



T06	1	024240006
TV16	1	024000446



## T23



42INOX 8 - 10 - 11 - 12 - 13 -  
14 - 15 - 17 - 19 mm  
 ○96BPINOX 2,5-3-4-5-6-8-10 mm



1 kg



T23	1	024240023
TV23	1	024249906

## T24



42AS

5/16-3/8-7/16-1/2  
9/16-5/8-11/16-3/4  
3/32-1/8-5/32-3/16  
1/4-5/16-3/8

○96AS/BG7

1 kg



T24	1	024240024
TV20	1	024000488



## T28



42MP

6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1,5 kg



T28	1	024240028
TV15	1	024000445

## T33



55

6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
1,5+10 mm

○96/SC9

1 kg



T33	1	024240033
TV20	1	024000488



## T34



55MP

6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
1,5+10 mm

○96/SC9

1 kg



T34	1	024240034
TV20	1	024000488

## T40



90

6x7-8x9-10x11  
12x13-14x15  
16x17-18x19 mm

810 g



T40	1	024240040
TV40	1	024000456



## T41



90

20x22-21x23  
24x26-25x28  
27x29 mm

1,5 kg



T41	1	024240041
TV41	1	024000457

## T31



31

Ø 2-3-4-5-6 mm

32

Ø 4 mm

55

6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22-21x23  
24x26-27x29  
30x32 mm

○96N/SC9

3 kg



T31	1	024240031
TV30	1	024000401





## T45

12



142 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,3 kg



T45	1	024240045
TV45	1	024000498

## T46

12



142SN 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,5 kg



T46	1	024240046
TV46	1	024000499

## T48

12



○96BPC/SC9 1,5+10 mm  
142C 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1,4 kg



T48	1	024240048
TV47	1	024000763

## T50

11



○96T 2-2,5-3-3,5-4-4,5  
5-6-7-8-10 mm

1,3 kg



T50	1	024240050
TV50	1	024000764

## T52

6



○96T 2-2,5-3-4-5-6 mm

350 g



T52	1	024240052
TV52	1	024000765

## T55

6



○97TTX T10-T15-T20  
T25-T27-T30

330 g



T55	1	024240055
TV55	1	024000766

## T59

14



111E 250 mm  
920/40 1/2  
○951 2,5-3-4-5-6-8 mm  
○953 4-5-6-8 mm  
1370 300 - 500 g

4,7 kg



T59	1	024240059
TV60	1	024000420

## T63

8



○952 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,8 kg



T63	1	024240063
TV63	1	024000471

## T64

8



○952FTX E10-E12-E14  
○953TX T25 - T27 - T30 - T40 - T45

3,8 kg



T64	1	024240064
TV63	1	024000471

## T65

8



○953 3 - 3,5 - 4 - 5 - 6 - 7 - 8 - 10 mm

2,8 kg



T65	1	024240065
TV63	1	024000471

## T68

6



○951 2,5-3-4-5-6-8 mm

590 g



T68	1	024240068
TV68	1	024000470

## T73

10



○930 6x7 - 8x9 - 10x11 -  
12x13 - 14x15 - 16x17 -  
18x19 - 20x22 mm  
940/1 100 mm  
940/2 170 mm

1,3 kg



T73	1	024240073
TV73	1	024000418

# T75

16



933 7-8-9-10-11-12-13  
14-15-16-17-18-19  
21-22-24 mm

4,2 kg



T75 1 024240075  
TV75 1 024000422

# T76

16



932 7-8-9-10-11-12-13  
14-15-16-17-18-19  
21-22-24 mm

4,2 kg



T76 1 024240076  
TV75 1 024000422

# T77

10



933 6-7-8-10-11-12-13  
14-17-19 mm

1,4 kg



T77 1 024240077  
TV77 1 024000474

# T80

29



920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920ME 5-6-8-10-12 mm  
920/21 125 mm  
920/22 255 mm  
920/25 305 mm  
920/42 305 mm  
920/55

4,1 kg

12"



T80 1 024240080  
TV80 1 024000403

# T81

29



920B 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920ME 5-6-8-10-12 mm  
920/21 125 mm  
920/22 255 mm  
920/25 305 mm  
920/42 305 mm  
920/55

4,1 kg

12"



T81 1 024240081  
TV80 1 024000403

# T82

29



920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920ME 5-6-8-10-12 mm  
920AN/125 125 mm  
920AN/250 250 mm  
920/25 305 mm  
920/42 305 mm  
920/55

4,1 kg

12"



T82 1 024240082  
TV80 1 024000403

# T83

24



920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920/21 125 mm  
920/22 255 mm  
920/25 305 mm  
920/42 305 mm  
920/55

3,6 kg

12"



T83 1 024240083  
TV83 1 024000402

# T85

81



861LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5  
- 1,2x6,5 - 1,2x8 - 1,6x8 mm  
861PE 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm  
861PH PH0 - PH1 - PH2 - PH3  
861PZ PZ1 - PZ2 - PZ3  
861TX T6 - T7 - T8 - T9 - T10 - T15 - T20  
- T25 - T27 - T30 - T40  
861RTX T9 - T10 - T15 - T20 - T25 - T27 -  
T30 - T40  
861TRW 1-2-3-4-5-6 mm  
861TQS 0 - 1 - 2 - 3 - 4 - 5 - 6 - 8 - 10 mm  
861SP 4-6-8-10-12 mm  
851SR 230 mm  
900 4-4,5-5-5,5-6-7-8-9  
10-11-12-13-14 mm  
900/21 150 mm  
900/25 41 mm  
900BG/30 176 mm  
900/42 115 mm  
900/55 125 mm  
194 1/4x5/16

1,0 kg

14"



T85 1 024240085  
TV85 1 024000747

# T91

25



900 4-4,5-5-5,5-6  
7-8-9-10-11  
12-13-14 mm  
900ME 2,5-3-4-5-6-8 mm  
900/20 50 mm  
900/21 150 mm  
900/25 150 mm  
900BG/30 115 mm  
900/42 115 mm  
900/55

560 g

14"



T91 1 024240091  
TV90 1 024000447

# T92

22



910A 6-7-8-9-10-11-12-13  
14-15-16-17-18-19  
20-21-22 mm  
910/21 125 mm  
910/22 250 mm  
910/25 250 mm  
910/42 210 mm  
910/55

1,5 kg

38"



T92 1 024240092  
TV92 1 024000458



## T99



- 920INOX-A 10-12-13-14-15-16-17  
18-19-21-22-24-27  
30-32mm
- Ⓢ 920/55INOX



2,7 kg

12"



T99	1	024240099
TV99	1	024249908

## T100



- 920A 10-12-13-14-15  
16-17-18-19-21  
22-24 mm
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T100	1	024240100
TV100	1	024000495

## T101



- 920B 10-12-13-14-15  
16-17-18-19-21  
22-24 mm
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T101	1	024240101
TV100	1	024000495

## T102



- 920AS 3/8-7/16-1/2  
9/16-5/8-11/16  
3/4-13/16-7/8  
15/16-1-1.1/16
- 920/21 125 mm
- 920/25
- 920/42 305 mm
- Ⓢ 920/55

2,1 kg

12"



T102	1	024240102
TV100	1	024000495

## T103



- 900L 6-7-8-9-10-11-12 mm
- 920AL 13-14-16-17-18-19  
21-22-24-27 mm

1,1 kg

14" 12"



T103	1	024240103
TV103	1	024000748

## T105



- 928A 22-24-27-30-32-34  
36-38-41-46-50 mm

4,9 kg

3/4"



T105	1	024240105
TV105	1	024000484

## T106



- 928/21 200 mm
- 928/22 380 mm
- 928/42 450 mm
- 928/55

4,5 kg

3/4"



T106	1	024240106
TV106	1	024000485

## T111



- 720 10-13-15-17-18-19-21  
22-24-27-30-32 mm
- 720LC 17-19-21 mm
- 720/21 125 mm

2,7 kg

12"



T111	1	024240111
TV111	1	024000746

## T112



- 861TX ● 1/4-T6+T15
- 866TX ● 5/16-T20+T55
- 895/1 ○ 1/4x□1/4
- 895/6 ○ 5/16x□1/2
- 900FTX □ 1/4-E4+E10
- 920FTX □ 1/2-E12+E24
- 920TX □ 1/2-T55L-T60-T70L

1,3 kg

14" 12"



T112	1	024240112
TV112	1	024000480

## T113



- 920PE 5L-6L-7L-8L-10L
- 920TX T40L-T45L  
T55L-T70L
- 920XZN M6L-M8L-M12L

1,5 kg

12"



T113	1	024240113
TV113	1	024000489

## T122



- 666/20 40 - 200 Nm

1,2 kg

12"



T122	1	024240122
TV122	1	024000768

## T123



- 1082G 160 mm
- 1150G 180 mm
- 1166G 160 mm

550 g



T123	1	024240123
TV135	1	024000762

## T124



- 1082GBM 160 mm
- 1150GBM 180 mm
- 1166GBM 160 mm

640 g



T124 1 024240124  
TV135 1 024000762

## T135



- 1082MQ 160 mm
- 1150MQ 180 mm
- 1166MQ 160 mm

1000 V

750 g



T135 1 024240135  
TV135 1 024000762

## T136



- 1048MQ 250 mm
- 1777MQ/U 190 mm

1000 V

700 g



T136 1 024240136  
TV136 1 024000438

## T137



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g



T137 1 024240137  
TV130 1 024000451

## T138



- 1084 160 mm
- 1150 180 mm
- 1166 160 mm

650 g



T138 1 024240138  
TV130 1 024000451

## T140



- 1032 140x0,9 - 180 mm
- 1034 170 mm
- 1036 140x1,3 - 175 mm
- 1038 175 mm
- 1084 160 mm
- 1128BM 145 mm

1,1 kg



T140 1 024240140  
TV140 1 024000405

## T144



- 1048N 250 mm
- 1052 240 mm
- 1112 250 mm
- 1150 180 mm

1,8 kg



T144 1 024240144  
TV143 1 024000409

## T145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g



T145 1 024240145  
TV145 1 024000448

## T146



- 1032 140x0,9 mm
- 1032 225 mm
- 1036 140x1,3 mm
- 1036 225 mm

700 g



T146 1 024240146  
TV146 1 024000449

## T151



- 1047 240 mm
- 1057A 240 mm

1,3 kg



T151 1 024240151  
TV150 1 024000462

## T153



- 1048N 250 mm
- 1052 240 mm

1,1 kg



T153 1 024240153  
TV150 1 024000462

## T156



- 1082 160 mm
- 1150 180 mm
- 1048N 250 mm

1 kg



T156 1 024240156  
TV148 1 024000500

## T157



- 1082BM 160 mm
- 1150BM 180 mm
- 1048BM 250 mm

1,1 kg



T157	1	024240157
TV148	1	024000500

## T160



- 1290 3x75, 3x100, 4x100, 4x150, 5,5x100, 5,5x150, 6,5x150, 8x150, 10x200 mm
- 1290N 4x30, 6,5x30 mm

1,3 kg



T160	1	024240160
TV160	1	024000706

## T161



- 1292 PH0x60, PH0x100, PH1x80, PH1x120, PH2x100, PH2x150, PH3x150 mm
- 1292N PH1x30, PH2x30 mm

1 kg



T161	1	024240161
TV161	1	024000707

## T164



- 952 8-10-13-17-19 mm
- 959 16 mm (5/8") - 20,8 mm (13/16")
- 1260 3x75 - 4x100 - 5,5x100 - 6,5x150 - 10x200 mm
- 1262 PH0x60 - PH1x80 - PH2x100 - PH3x150 mm

5 kg



T164	1	024240164
TV61	1	024000721

## T167



- 1260 3x75, 3x100, 4x100, 4x150, 5,5x100, 5,5x150, 6,5x150, 8x150, 10x200 mm
- 1260N 4x30, 6,5x30 mm

1,3 kg



T167	1	024240167
TV160	1	024000706

## T168



- 1262 PH0x60, PH0x100, PH1x80, PH1x120, PH2x100, PH2x150, PH3x150 mm
- 1262N PH1x30, PH2x30 mm

1 kg



T168	1	024240168
TV161	1	024000707

## T170



- 1290 2,5x50, 3x75, 3,5x100, 4x125, 5,5x100, 5,5x150, 6,5x150 mm

450 g



T170	1	024240170
TV170	1	024000741

## T171



- 1290 8x150, 8x200, 10x200 mm
- 1290N 4x30, 6,5x30 mm

750 g



T171	1	024240171
TV171	1	024000742

## T172



- 1292 PH0x60, PH0x100, PH1x80, PH1x120, PH2x100, PH2x150 mm

450 g



T172	1	024240172
TV172	1	024000743

## T173



- 1292 PH3x150, PH4x200 mm
- 1292N PH1x30, PH2x30 mm

560 g



T173	1	024240173
TV173	1	024000744

## T175



- 1297TX T6-T7-T8-T9, T10-T15-T20

410 g



T175	1	024240175
TV175	1	024000760

## T176



- 1297TX T25-T27-T30, T40-T45

640 g



T176	1	024240176
TV176	1	024000761

# T177



1298RTX T9-T10-T15  
T20-T25-T27  
T30-T40

680 g



T177 1 024240177  
TV177 1 024000759

# T180



1290 3x75  
4x100  
5,5x150  
6,5x150 mm  
1292 PH0x60  
PH1x80  
PH2x100 mm

480 g



T180 1 024240180  
TV180 1 024000701

# T183



1292L PH1x400-PH2x400 mm  
1294L 3x300-4x400-5x400 mm

580 g



T183 1 024240183  
TV183 1 024000497

# T198



1260 3x75  
4x100  
5,5x150  
6,5x150 mm  
1269PZ P20 - PZ1 - PZ2

490 g



T198 1 024240198  
TV180 1 024000701

# T199



1260 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

490 g



T199 1 024240199  
TV170 1 024000741

# T201



1260 8x200  
10x150  
10x200 mm  
1260N 4x30  
6,5x30 mm

680 g



T201 1 024240201  
TV171 1 024000742

# T202



1262 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

490 g



T202 1 024240202  
TV172 1 024000743

# T204



1262 PH3x150  
PH4x200 mm  
1262N PH1x30  
PH2x30 mm

610 g



T204 1 024240204  
TV173 1 024000744

# T205



1267TX T6-T7-T8-T9  
T10-T15-T20

460 g



T205 1 024240205  
TV175 1 024000760

# T206



1267TX T25-T27-T30  
T40-T45

710 g



T206 1 024240206  
TV176 1 024000761

# T207



1268RTX T9-T10-T15  
T20-T25-T27-T30

760 g



T207 1 024240207  
TV207 1 024000758

# T208



1260 3x75  
4x100  
5,5x150  
6,5x150 mm  
1262 PH0x60  
PH1x80  
PH2x100 mm

530 g



T208 1 024240208  
TV180 1 024000701

## T209



- 1262L PH1x400-PH2x400 mm
- 1264L 3x300 - 4x400 - 5x400 mm

580 g



T209	1	024240209
TV183	1	024000497

## T211



- 1201E 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm

490 g



T211	1	024240211
TV170	1	024000741

## T213



- 1202E PH0x60
- PH1x80
- PH1x120
- PH2x100
- PH2x150
- PH3x150 mm

490 g



T213	1	024240213
TV212	1	024000440

## T216



- 1207E/TX T6-T7-T8-T9
- T10-T15-T20

410 g



T216	1	024240216
TV175	1	024000760

## T221



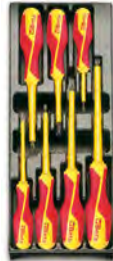
- 1201E 3x75
- 4x100
- 5,5x150
- 6,5x150 mm
- 1202E PH0x60
- PH1x80
- PH2x100 mm

530 g



T221	1	024240221
TV180	1	024000701

## T226



- 1274MQ 3x100
- 4x100
- 5,5x125
- 6,5x150 mm
- 1272MQ PH0x60
- PH1x80
- PH2x100 mm

1000 V

460 g



T226	1	024240226
TV180	1	024000701

## T227



- 944BX 5-6-7-8-10-13 mm

490 g



T227	1	024240227
TV227	1	024000705

## T228



- 1290INOX 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 1292INOX PH0x60
- PH1x80 - PH2x100 mm



480 g



T228	1	024240228
TV180	1	024000701

## T231



- 1370 400 g
- 1390 Ø 35 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm

1,7 kg



T231	1	024240231
TV230	1	024000411

## T233



- 35 100-200 mm
- 1370F 32 mm
- 1390 Ø 35 mm

1,3 kg



T233	1	024240233
TV232	1	024000452

## T234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1,3 kg



T234	1	024240234
TV232	1	024000452

## T236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g



T236	1	024240236
TV235	1	024000453

## T239



31BM Ø 2-3-4-5-6-8 mm  
32 Ø 4 mm



850 g



T239 1 024240239  
TV239 1 024000439

## T241



1500N/1  
1500N/3  
1516/1



4,2 kg



T241 1 024240241  
TV241 1 024000414

## T259



○ 96BP 2,5-3-4-5  
6-8-10 mm  
○ 96N 12 mm  
● 861MIX/A31  
○  
+  
+  
+  
+  
895/1



950 g



T259 1 024240259  
TV263 1 024000492

## T264



1491 Ø 65+110 mm  
■ 1494 ■ 10 mm  
○ 1494E ○ 8 - 9 - 10 - 11 - 12 - 14 - 17 mm  
○ 1494Q ○ 8-9,5-12-13 mm  
△ 1494T △ 9,5  
○ 1494XZN ○ 16  
1496C ■ 8x ■ 10 mm



2,1 kg



T264 1 024240264  
TV264 1 024000466

## T270



430 M3 - 4 - 5 - 6 - 7 - 8 - 9  
10 - 12 - 14 - 16 - 18 - 20  
433 M6x0,75 - M8x1 - M10x1,25  
M12x1,5 - M14x1,5  
M16x1,5 - M18x1,5  
440 M3 - 4 - 5 - 6 - 7 - 8 - 9  
440A M10 - 12 - 14 - 16 - 18 - 20  
441 M6x0,75 - M8x1,0  
441A M10x1,25 - M12x1,5  
M14x1,5 - M16x1,5  
M18x1,5

4,3 kg



T270 1 024240270  
TV270 1 024000481

## T271



1741 250 mm  
1741RV2,9K 2,9x6 mm (100)  
1741RV3,2K 3,2x8 mm (100)  
1741RV3,8K 3,8x10 mm (100)  
1741RV4K 4x12 mm (100)  
1741RV4,8K 4,8x12 mm (100)



1,4 kg



T271 1 024240271  
TV271 1 024000475

## T273



435/1,5 M3+M12  
435/3 M5+M21  
436/1 □ 2,0+5,0 mm  
(M3+M8)  
436/2 □ 4,6+8 mm  
(M5+M12)  
444/1 Ø 25,4 mm  
444/2 Ø 38,1 mm  
1707 W 62+4x1"



2,1 kg



T273 1 024240273  
TV272 1 024000482

## T279



1112 250 mm  
1128BM 145 mm  
1726 400 mm  
1728BM (x5)  
1751N 200 cc

1,5 kg



T279 1 024240279  
TV285 1 024000487

## T284



1128BMX 147 mm  
1130BMX 185 mm  
■ 1719BMA...Q 200 mm  
▲ 1719BMA...T 200 mm  
■ 1719BMA...P 200 mm  
▶ 1719BMA...M 200 mm  
● 1719BMA...R 200 mm  
1726BM 400 mm  
1728BM  
1771BM 170 mm  
1778V18 185 mm

3,3 kg



T284 1 024240284  
TV286 1 024249904

## T291



1479RB/1  
1479RB/2  
1479RB/3



600 g



T291 1 024240291  
TV291 1 024000472





## T294



1692 5 m  
1725CR  
1771RL  
1771 170 mm



590 g

T294	1	024240294
TV294	1	024000491

## T297



1651DGTB  
1682 300 mm  
1691BM 5 m

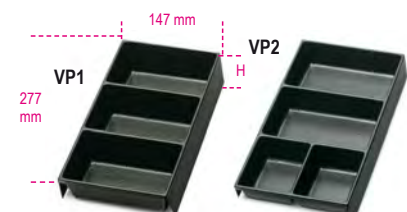


490 g

T297	1	024240297
TV296	1	024000749

## VP1 - VP2

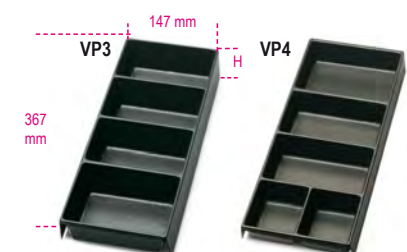
ABS thermoformed trays with tote trays, for portable tool chests RSC22, RSC23, RSC23C



VP1	50	1	088880351
VP2	35	1	088880352

## VP3 - VP4

ABS thermoformed trays with tote trays, for all models of, tool chests, mobile roller cabs and trolleys



VP3	50	1	088880353
VP4	35	1	088880354

## VP5

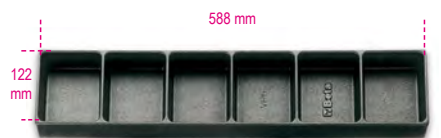
ABS thermoformed tray with 2 tote trays



VP5	45	1	088880355
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## VP6

ABS thermoformed tray with 6 tote trays



VP6	45	1	088880359
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## VP7-C

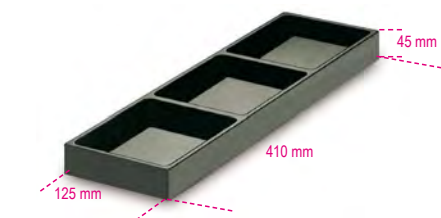
ABS thermoformed tray with 3 tote trays, for mobile roller cabs C45PRO



VP7-C	45	1	088880361
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## VP-3SC

ABS thermoformed tray with 3 tote tray, for mobile roller cab C04TSS-7



VP-3SC	45	1	088880356
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## VP-LS

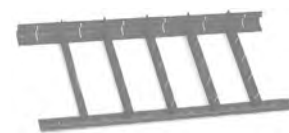
ABS thermoformed tray with tote tray, for mobile roller cab C04TSS-7



VP-LS	45	1	088880357
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## 8889P1

parallel partitions for item RSC22, RSC23, RSC23C e C27S  
drawer 588x277 mm



8889P1/5	50 mm	1	088890005
8889P1/7	70 mm	1	088890007

## 8889C1

crossed partitions for item RSC22, RSC23, RSC23C and C27S  
for drawer 588x277 mm



8889C1/5	50 mm	1	088890015
8889C1/7	70 mm	1	088890017

## 8889P2

parallel partitions for standard drawer 588x367 mm



8889P2/7	70 mm	1	088890107
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## 8889C2

crossed partitions for standard drawer 588x367 mm



8889C2/7	70 mm	1	088890117
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## 8889P3

parallel partitions for item RSC24AXL, RSC24AXLP/7, RSC24AXXL

for drawer 882x367 mm



8889P3/7	70 mm	1	088890207
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## 8889C3

crossed partitions for RSC24AXL,  
RSC24AXLP/7, RSC24AXXL  
for drawer 882x367 mm

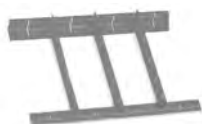


8889C3/7	h 70 mm	1	088890217

## 8889P4

parallel partitions for item C41

for drawer 418x205 mm



8889P4/7	h 70 mm	1	088890307

## 8889I4

crossed partition for item trolley C41

for drawer 418x205 mm



8889C4/7	h 70 mm	1	088890317

## 8889PS

parallel partitions for item C45PRO 2.0 M4/M5/  
M7/M8/M3A/ACT/TC

drawer 566x406 mm



8889PS/7	h 70 mm	1	088890407

## 8889CS

crossed partitions for item C45PRO 2.0 M4/  
M5/M7/M8/M3A/ACT/TC

drawer 566x406 mm



8889CS/7	h 70 mm	1	088890417

## 8889C6

crossed partitions for item C35

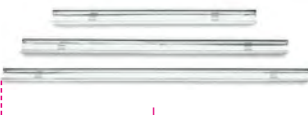
for drawer 600x447 mm



8889C6/7,5	h 75 mm	1	088890475
8889C6/10	100 mm	1	088890480
8889C6/15	150 mm	1	088890485
8889C6/20	200 mm	1	088890490

## SB

socket rails



SB1	L mm	10	088880201
SB2	280	10	088880202
SB3	360	10	088880203

## PM 1/2-Q5

magnetic socket rail



PM 1/2-Q5	1	088880233
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## MB

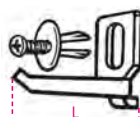
socket clips for rails SB



MB0	□	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

## KIT/GPS

kit of 40-mm GPS hooks with screws VE1



KIT/GPS-40 mm	L mm	50	088880119
KIT/GPS-90 mm	90	50	088880117

## VE1

expansion bolts



VE1	20	088880120
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## GM

snap hooks with expansion bolts VE1

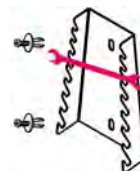


Ø mm	5	088880250
6,5	5	088880251
9,5	5	088880252
13	5	088880253
16	5	088880254
19	5	088880255

## S55/8

supports for 8 double open end wrenches,  
made from sheet metal

• supplied complete with 3 expansion bolts VE1

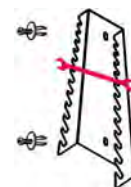


S55/8	1	088880420
55/S8		
55AS/8		
55MP/S8		

## S55/12

supports for 12 double open end wrenches,  
made from sheet metal

• supplied complete with 3 expansion bolts VE1

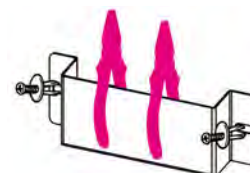


S55/12	1	088880421
55/S12		
55/S12X		
55AS/12		
55MP/S12		

## ST2P

pliers pockets, made from sheet metal

• supplied complete with 3 expansion bolts VE1

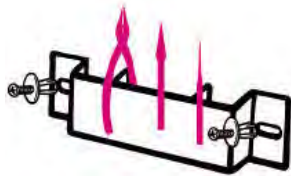


ST2P	1	088880422
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## TSP

tool pockets, made from plastic material

- supplied complete with 3 expansion bolts VE1



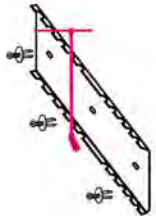
TSP

1 088880402

## S952/10

supports for 10 T-handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S952/10

1 088880423

## S1719BM

supports for 5 files, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S1719BM

1 088880404

1719BMA: Q-T-P-M-R  
1719BMD: Q-T-P-M-R  
1719BMX: Q-T-P-M-R

## SGN

supports for 2 mini screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SGN

1 088880405

1290N-1292N-1299N/PZ  
1260N-1262N-1269N/PZ  
1201EN-1202EN-1209EN/PZ

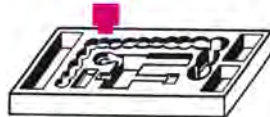


## CB/2

hard thermoformed tray for 1/2" sockets and accessories, empty

- only for item C54S

12"



CB/2

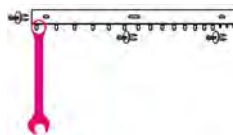
920A/920B  
10=24+26-27  
28-30-32 mm  
920/21-920/22-920/25-  
920/42-920/55

1 088880411

## S42/17

supports for 17 combination wrenches, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S42/17

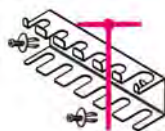
42/S17  
42MP/S17  
42/S17X  
42AS/17  
142/S17

1 088880428

## S951/6

supports for 6 T handle wrenches with hexagon male ends, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S951/6

951/S6  
951AS/S6X  
951TX/S6

1 088880429

## SPG11 - S1203/8

supports for screwdrivers, made from sheet metal

- supplied complete with 3 expansion bolts VE1



SPG11

n.8 Ø = 7 mm  
n.2 Ø = 10 mm  
n.1 Ø = 12 mm

1 088880910

S1203/8

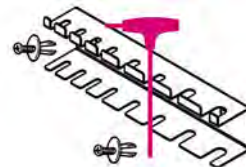
1203E/S8  
1263/D8  
1293/S8

1 088880430

## S96T/8

supports for 8 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1



S96T/8

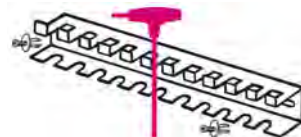
96T/AS8  
96T/S8  
97TTX/S8

1 088880431

## 96T/SPV

supports for 11 offset hexagon key wrenches, with high torque handles, made from sheet metal

- supplied complete with 3 expansion bolts VE1

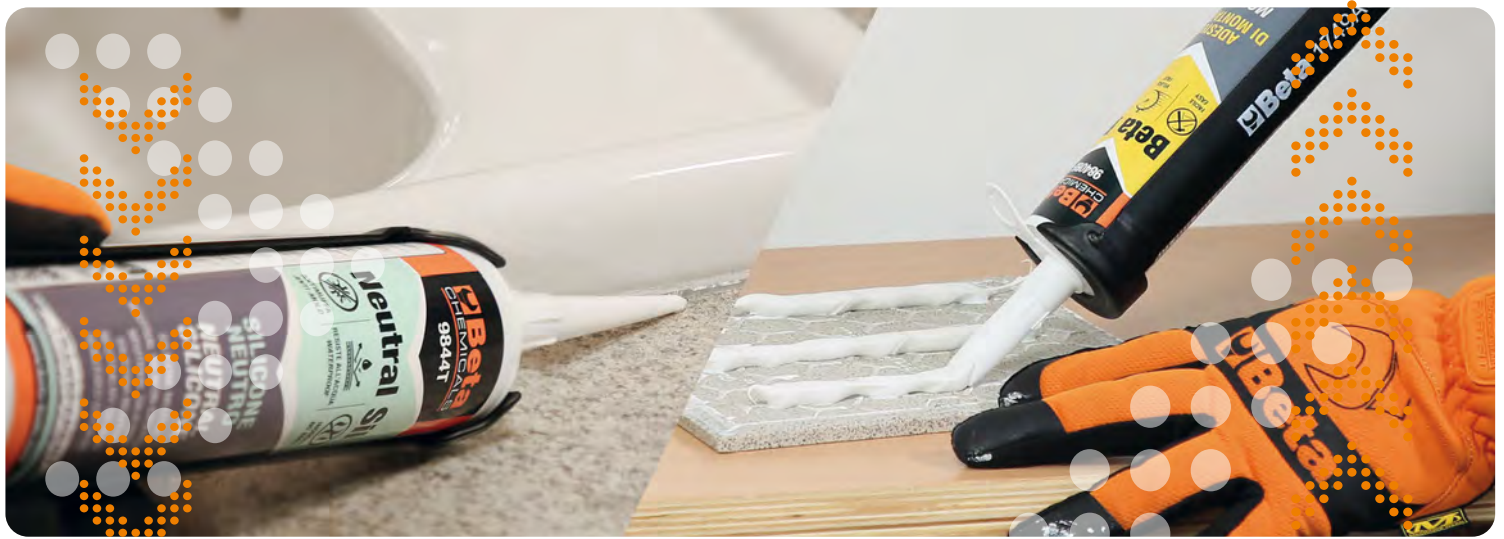


96T/SPV

96T/S11  
97TTX/S11

1 000960958





## Anaerobic Products

Anaerobic products allow complete filling of small superficial irregularities in metal, so that mechanical stress can be distributed throughout the connecting surface. They harden in total absence of oxygen and completely seal joints or threads from water, gas, oil, fuel and industrial fluids.

They are available in three different strengths – high (H), medium (M) and low (L) – and in different packs, to satisfy different needs.

## Adhesive

Multi-purpose instant assembly adhesive, suitable for a variety of materials, including concrete, glass, plasterboard, ceramic, wood, metal and plastics. Based on the innovative suction effect, it ensures quick, firm adhesion with no need for clamping.

## Sealants

Beta's range of sealants comprises three key products. The acrylic sealant is ideal for effectively sealing stairs, skirting boards, door and window frames and much more. It is both paintable and durable, thereby resulting in flawless, lasting joints. Conventional acetic silicone is the perfect choice for sealing joints in kitchens and bathrooms. This product ensures outstanding sealing on enamelled surfaces, glass, painted wood and ceramic. Finally, professional neutral silicone is odourless, resistant to mildew, UV rays and weathering. It is ideal for sealing bathrooms and kitchens, expansion joints in concrete, masonry and glass walls.

## Polyurethane foam

Polyurethane foam, which ensures versatility and high performance, is the ideal partner in the building industry, for insulation, sealing and fixing applications. It expands quickly, perfectly adhering to several materials, and is resistant to both humidity and extreme temperatures. It boasts excellent heat insulation and soundproofing properties, thereby resulting in improved energy efficiency and environmental comfort.

## Silicone gasket maker

Silicone gasket makers enable permanent elastic sealing, preventing small-sized substances (debris, dust...) from penetrating into joints and replacing preformed gaskets. Based on their elastic properties, they can absorb movement, with no interior expansion or breakage. Silicone gasket makers polymerize by reacting with atmospheric humidity, and form elastic, durable seals.

## Instant Glue

Adhesive based on ethyl cyanoacrylate, for structural joints in a number of materials.

## Aerosols

A wide range of products in spray cans, for use for unlocking, greasing, lubricating, cleaning, galvanizing and sanitizing purposes.

## Liquids

Developed to remove encrustations and rust from mechanical parts and metal objects. Ideal for use with ultrasonic cleaning tanks 1895.



## ATTENTION

Countries where the products of the Beta Chemicals range are allowed to be distributed: Austria, Andorra, Belgium, Czech Republic, Dominican Republic, France, Hungary, Italy, Netherlands, New Caledonia, People's Republic of China, Poland, Portugal, Principality of Monaco, Republic of Ireland, Reunion, San Marino, Slovakia, Slovenia, Spain, Switzerland, United Arab Emirates, United Kingdom.

## 9803H

### threadlocker-High Resistance

Ideal for permanent locking of parts that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,25
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	800/1200
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml			
20	bottle	12	098030002
50	bottle	4	098030005
250	bottle	4	098030025
20	bottle	12	098032002
50	bottle	4	098032005
250	bottle	4	098032025

## 9802M

### threadlocker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance, bearings and bushes. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	22-30 Nm
Prevailing torque ISO-10964	20-25 Nm

ml			
20	bottle	12	098020002
50	bottle	4	098020005
250	bottle	4	098020025
20	bottle	12	098022002
50	bottle	4	098022005
250	bottle	4	098022025

## 9801L

### threadlocker-Low Resistance

Ideal for fixing particular light alloys which could get damaged during disassembly and for adjusting screws. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098010002
50	bottle	4	098010005
250	bottle	4	098010025
20	bottle	12	098012002
50	bottle	4	098012005
250	bottle	4	098012025

## 9813H

### thread sealant-High Resistance

Ideal for permanent sealing of nipples, that do not need subsequent dismantling, and for passivated metal surfaces, including brass, aluminium and stainless steel. Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+200
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/80.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	25-35 Nm

ml			
20	bottle	12	098130002
50	bellow bottle	6	098130305
50	tube	4	098130505
250	tube	4	098130525
20	bottle	12	098132002
50	bellow bottle	6	098132305
50	tube	4	098132505
250	tube	4	098132525

## 9812M

### thread sealant-Medium Resistance

Ideal for sealing nipples parts subject to periodic maintenance. Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	12/18
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	20.000/40.000
Breakaway torque ISO-10964	27-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml			
20	bottle	12	098120002
50	bellow bottle	6	098120305
50	tube	4	098120505
250	tube	4	098120525
20	bottle	12	098122002
50	bellow bottle	6	098122305
50	tube	4	098122505
250	tube	4	098122525

## 9811L

### thread sealant-Low Resistance

Ideal for sealing small or fine-pitch joints. Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,20
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	10.000/20.000
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml			
20	bottle	12	098110002
50	bellow bottle	6	098110305
50	tube	4	098110505
250	tube	4	098110525
20	bottle	12	098112002
50	bellow bottle	6	098112305
50	tube	4	098112505
250	tube	4	098112525

## 9823H

### liquid gasket-High Resistance

Ideal for permanent sealing of surfaces. Also ideal for reclaiming bearing housings and worn parts.  
Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/16
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	100.000/200.000
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	20-30 Nm

ml		
20 bottle	12	098230002
50 bellow bottle	6	098230305
50 tube	4	098230505
250 tube	4	098230525
20 bottle	12	098232002
50 bellow bottle	6	098232305
50 tube	4	098232505
250 tube	4	098232525

## 9822M

### liquid gasket-Medium Resistance

Ideal for sealing of surfaces of parts subject to periodic maintenance  
Allows dismantling by using hand tools.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	40.000/70.000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	20-30 Nm

ml		
20 bottle	12	098220002
50 bellow bottle	6	098220305
50 tube	4	098220505
250 tube	4	098220525
20 bottle	12	098222002
50 bellow bottle	6	098222305
50 tube	4	098222505
250 tube	4	098222525

## 9821L

### liquid gasket-Low Resistance

Ideal for sealing of surfaces of parts subject to frequent maintenance.  
Protects threads from corrosion and seizure from corrosion.  
Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,35
Handling cure time (minutes)	20/30
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	60.000/90.000
Breakaway torque ISO-10964	7-11 Nm
Prevailing torque ISO-10964	4-9 Nm

ml		
20 bottle	12	098210002
50 bellow bottle	6	098210305
50 tube	4	098210505
250 tube	4	098210525
20 bottle	12	098212002
50 bellow bottle	6	098212305
50 tube	4	098212505
250 tube	4	098212525

## 9833H

### locker-High Resistance

Ideal for fixing parts that do not need subsequent dismantling  
Also suitable for fixing already installed devices that are difficult to dismantle.  
Does not allow disassembly with hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,15
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	400/700
Breakaway torque ISO-10964	35-45 Nm
Prevailing torque ISO-10964	30-40 Nm

ml		
20 bottle	12	098330002
50 bottle	4	098330005
250 bottle	4	098330025
20 bottle	12	098332002
50 bottle	4	098332005
250 bottle	4	098332025

## 9832M

### locker-Medium Resistance

Ideal for fixing parts subject to periodic maintenance.  
Allows dismantling by using hand tools.



Temperature range (°C)	-50/+180
Max gap fill (mm)	0,25
Handling cure time (minutes)	12/20
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	2000/4000
Breakaway torque ISO-10964	25-35 Nm
Prevailing torque ISO-10964	18-28 Nm

ml		
20 bottle	12	098320002
50 bottle	4	098320005
250 bottle	4	098320025
20 bottle	12	098322002
50 bottle	4	098322005
250 bottle	4	098322025

## 9831L

### locker-Low Resistance

Ideal for fixing small parts subject to frequent maintenance.  
Easier parts disassembly.



Temperature range (°C)	-50/+150
Max gap fill (mm)	0,10
Handling cure time (minutes)	10/15
Functional cure time (h)	3-6
Viscosity (mPa.s) 25°C	500/800
Breakaway torque ISO-10964	6-10 Nm
Prevailing torque ISO-10964	4-8 Nm

ml		
20 bottle	12	098310002
50 bottle	4	098310005
250 bottle	4	098310025
20 bottle	12	098312002
50 bottle	4	098312005
250 bottle	4	098312025



## 9840BF - Beta Fix

assembly adhesive

Ultra-strength instant assembly adhesive. Based on the suction effect, the materials do not require clamping during the hardening process. Sticks concrete, glass, plasterboard, ceramic, wood, metals and plastics (except for PE, PP, PC, PMMA, PTFE, soft plastics and neoprene). Can be painted. Direction for use: apply the adhesive in vertical strips 10-20 cm apart. Place the material and press hard. Do not apply in dots. Use on hard surfaces free from grease and dust. Do not expose to water or chlorides. Do not use for moving joints.



### Features:

- Ultra-strength instant adhesion
- High mechanical resistance, final force and elastic module
- Free from isocyanates, phthalates, solvents and silicone
- Permanently elastic, does not shrink, bubble-free, odourless
- Resistant to humidity and weathering
- Adheres primer-free to most substrates, including wet ones

ml 290 12 098400029

## 9842W - Acryl Seal

acrylic sealant

Paintable white acrylic sealant for joints between stairs and walls, ceilings, skirting boards, windowsills, wood and metal door and window frames, concrete and masonry. Direction for use: apply to hard, dry surfaces free from grease and dust. Adheres primer-free to most substrates. Wait until completely dry before painting, to prevent crack formation. Compatible with water-based and synthetic paints. Not suitable for continuous exposure to water.



DoP nr. DOP-9842W  
EN 15651-1: F-EXT-INT

### Features:

- Can be painted with water-based and synthetic paints
- For indoor and outdoor use
- Odourless
- Adheres primer-free to most surfaces, easy to apply and clean

ml 310 12 098420031

## 9843T - Multi Sil

multi-purpose acetic silicone sealant

Clear acetic silicone sealant resistant to mildew, UV rays, water and weathering. Perfectly adheres to glass, painted wood, ceramic and enamelled surfaces. Direction for use: apply to hard, dry surfaces free from grease and dust. Adheres primer-free to most substrates. Cannot be painted. Not compatible with PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, bituminous substrates, concrete, marble, lead, copper and galvanized steel.

CE



DoP nr. DOP-9843T  
EN 15651-1: F-EXT-INT-CC  
EN 15651-2: G-CC  
EN15651-3: S (CLASS XS1)

### Features:

- Mildew-resistant
- Excellently resistant to UV rays, water and weathering
- Permanently elastic
- Perfectly adheres to glass, painted wood, ceramic and enamelled surfaces

ml 280 12 098430028

## 9844T - Neutral Sil

clear neutral silicone sealant

Clear neutral silicone sealant, resistant to mildew, UV rays, water and weathering. Odourless. Suitable for sealing bathrooms and kitchens.

Not for sale in: Portugal, China, Czech Republic, Slovenia, Slovakia

CE



DoP nr. DOP-9844T  
EN 15651-1: F-EXT-INT-CC (CLASS 12.5E)  
EN 15651-2: G-CC  
EN15651-3: S (CLASS XS1)

### Features:

- Mildew resistant
- Resistant to UV rays, water and weathering
- Odourless
- Extremely versatile

ml 310 12 098440031

## 9860 - Multi Foam

polyurethane foam

One-component manual insulating polyurethane foam sealant. Ideal for fixing window frames and filling joints in partition walls, ceilings, floors, surface penetration of pipes and tubes through walls and floors. Excellent adhesion to concrete, brick, stone, plaster, wood, metal and plastics. Can be painted and plastered. Direction for use: remove the cap and screw the straw onto the valve. Shake prior to use at least 20 times. To apply the foam, turn the canister upside down and press the adaptor. When fixing window frames, hold the frame in place for at least 24 hours. Wait until completely dry before painting and plastering. Protect eyes during use; wear gloves and protective gear. Not compatible with PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substances. Not suitable for continuous exposure to water.



### Features:

- High-quality professional PU foam
- Good thermal performance
- High resistance to tensile stress, compression and cutting

ml 750 12 098600075

## 9841N

Black silicone gasket maker  
Resistant to high temperatures, with convenient pressure dispenser

Withstands temperatures up to 240 °C. Enables permanent elastic sealing. Replaces preformed gaskets. The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture, and forms an elastic, durable gasket. Ideal for oil sumps, oil pumps, housings, gearboxes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports. Cannot be painted.

Not for sale in: Portugal, China, Czech Republic, Slovenia, Slovakia



ml 200 12 098410120





## 9841R

Red silicone gasket maker  
Resistant to high temperatures, with convenient pressure dispenser

Withstands temperatures up to 300 °C.  
Enables permanent elastic sealing. Replaces preformed gaskets.

The convenient dispenser allows easy (one-coated), accurate, uniform spreading of the product. Polymerizes by reacting with atmospheric moisture, and forms an elastic, durable gasket.

Ideal for oven doors, plates, heating systems, outlets, thermostats, pumps, heating pipes, engine parts that are not subject to high pressure and applications that require resistance to high temperatures. Perfectly adheres to most non-porous substrates, including glass, coated wood, ceramic and enamel. Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous supports. Cannot be painted.

Not for sale in: Portugal, China, Czech Republic, Slovenia, Slovakia



ml		
200		12 098410020

## 9851

instant glue  
for structural joints

Based on ethyl cyanoacrylate.

For adhesion of a wide range of materials, including metal, plastics, leather, wood and several other types of substrates, whether combined with each other or separate.

Bonds quickly.

5 g tube not for sale in: China, Czech Republic, Poland, Slovenia, Slovakia



Temperature (°C)	-55/+82
Viscosity (mPa.s) 25 °C	80-120

g		
5	tube	12 098510500
20	bottle	12 098510002
50	bottle	10 098510005
20	bottle	12 098512002
50	bottle	10 098512005

## 9710 - LUBRIBETA universal

7-in-1 multipurpose unlocking lubricant

1. Unlocking;
  2. Lubricating;
  3. Detergent, degreasing;
  4. Rust protective;
  5. Deoxidizing, for electrical contacts;
  6. Waterproof;
  7. Antifreezing.
- Silicone-free.



ml		
400		12 097100040
400		12 097101040
400		12 097102040

## 9712 - Ultra Sblock

unlocking lubricant, super-penetrating

Unlocking, deoxidizing, waterproof.  
Ideal for dissolving rust from nuts, bolts, screws and gears.



ml		
400		12 097120040
400		12 097121040
400		12 097122040

## 9720 - Multi Grease

multipurpose grease

Particularly useful for lubricating chains, gears and moving metal parts. Resistant to friction and weather.  
Highly adhesive. Does not drip.



ml		
400		12 097200040
400		12 097201040
400		12 097202040

## 9722 - Lithium Grease

white lithium grease

Based on grease with lithium, titanium and zinc oxide soaps.  
Ideal for lubricating gears, bearings and joints.  
Specific for marine applications.  
Highly resistant to water, sea salt, weather and high temperatures.  
Does not drip.



ml		
400		12 097220040
400		12 097221040
400		12 097222040

## 9724 - PTFE Grease

PTFE based grease

Particularly suitable for lubricating industrial chains and mechanical movements subject to heavy stress and low rotation speeds. Suitable for applications on plastics and rubber.  
Totally colourless. Waterproof and resistant to oxidation.



ml		
400		12 097240040
400		12 097241040
400		12 097242040

## 9726 - Copper Grease

copper grease

Suitable for lubricating joints, bolts, gears, driveshafts and other metal parts subject to high temperatures (up to 1,000 °C).  
Protective, anti-wear. Prevents oxidation.  
Does not drip.



ml		
400		12 097260040
400		12 097261040
400		12 097262040



## 9729 - Silic Spray

silicone spray

Suitable for lubricating plastic, rubber and metal parts. Protects from corrosion. Detaching. Antistatic. Waterproof. Can be used to polish wood, plastics and rubber. Solvent-free.



ml		
400	12	097290040
400	12	097291040
400	12	097292040

## 9738 - Cutting Oil

cutting oil

Highly lubricating and protective. Suitable for milling, boring, threading, drilling and manual and automatic machine working. Highly resistant to oxidation. Water washable. Solvent-free.



ml		
400	12	097380040
400	12	097381040
400	12	097382040

## 9740 - Brake Cleaner

brake cleaner

Ideal for cleaning brake discs and pads, engines. Removes grease and tar, without leaving residue. Evaporates quickly. Does not damage plastics and rubber.



ml		
500	12	097400050
500	12	097401050
500	12	097402050

## 9741 - Multi Cleaner

multipurpose detergent/degreaser

Detergent and degreaser for dissolving grease, oil, tar, silicone and glue. Suitable for cleaning metal, hard plastic, ceramic, steel and aluminium surfaces. Free from oil residue.

Not for sale in: China, Czech Republic, Slovenia, Slovakia



ml		
400	12	097410040
400	12	097411040

## 9742 - Contact Cleaner

cleaner for electric and electronic contacts

Removes grease and dirt, without leaving oily residue. Evaporates quickly. Does not damage plastics and rubber.



ml		
400	12	097420040
400	12	097421040
400	12	097422040



## 9745 - Carb Cleaner

cleaner for carburetors and throttle bodies

Specific for interior and exterior cleaning of carburetors, suction ducts and throttle bodies. Totally removes carbonaceous residue, deposits and impurities. Free from oil residue.

Not for sale in: China, Czech Republic, Slovenia, Slovakia



ml		
400	12	097450040
400	12	097451040

## 9746 - Clima Cleaner

air conditioner cleaner

Cleaner for industrial, civil and car air conditioners. Based on its thick foam formulation, and the straw it is supplied with, it allows dirt, deposits and odours to be removed from ducts, leaving a pleasant fragrance.

Not for sale in: China, Czech Republic, Slovenia, Slovakia



ml		
400	12	097460040
400	12	097461040

## 9749 - Air Spray

air spray

Compressed gas aerosol spray. Ideal for removing dust deposits from cracks, gear, electrical parts, keyboards and delicate mechanisms in general. The aerosol can with straw allows hardly accessible parts to be easily reached.

Not for sale in: Andorra, United Arab Emirates, Dominican Republic, Spain, Hungary, Portugal, China, Czech Republic, Poland, Slovenia, Slovakia



ml		
400	12	097490040

## 9752 - Zinc 98%

clear zinc

Highly covering, it is ideal for galvanizing iron parts. Highly adhesive, it forms an elastic film of very light colour, similar to hot galvanizing. Particularly resistant to oxidation, abrasion and weather. Can be overpainted. Does not drip.



ml		
400	12	097520040
400	12	097521040
400	12	097522040

## 9755 - Welding Spray

welding anti-spatter spray

Silicone-free welding anti-spatter spray. It prevents slag adhesion, thereby making welding easier and quicker. For use on parts that need welding and as a protector for welding torch nozzles. It makes it possible to carry out subsequent operations, e.g. painting, galvanizing and chrome-plating. No fumes. Easy to remove. Chlorinated-free.

Not for sale in: China, Czech Republic, Slovenia, Slovakia



ml		
400	12	097550040
400	12	097551040



## 9765 - Deicer Spray

deicer spray

Deicer and defroster spray, for removing ice and frost from windows. Also ideal for frozen locks and mechanisms. Effective down to -40 °C. Nongreasy, smear-free. It does not affect treated surfaces, rubber and plastics.

Not for sale in: China, Czech Republic, Slovenia, Slovakia



ml		
400	12	097650040
400	12	097651040

## 9775 - Water Stop

fabric waterproofing spray

Waterproofing, water-repellent spray for textiles and leather. Ideal for footwear, jackets and clothing in general. It allows fabrics to be waterproofed, without affecting breathability. Based on its stain resistance properties, fabrics are easier to wash. Improved resistance to bending and abrasion.

Not for sale in: Andorra, United Arab Emirates, Dominican Republic, Spain, Hungary, Portugal, China, Czech Republic, Poland, Slovenia, Slovakia



ml		
400	12	097750040

## 9881U

industrial alkaline detergent for ultrasonic tank

Industrial alkaline detergent, concentrated, water-based. For ultrasonic cleaning and other purification processes. Allows spare parts and metal pieces in general (injectors, carburetors, valves etc.) to be accurately and effectively cleaned.

Removes oil, grease, lubricants, residues of glue, resin and wax. Also suitable for cleaning aluminium parts.



Lt		
1	1	098810010
1	1	098812010

## 9882R

selective rust remover liquid

Water-based selective rust remover liquid for iron, steel, stainless steel, cast iron and chrome platings. Removes top oxidized layer, without affecting underlying metal.

Dilution: from pure to max. 1:1.

Minimum operating temperature: 15 °C.

Operating times: 30' - 24/48h (for heavy rust). Biodegradable and 100% water-soluble.



Lt		
1	1	098820010
1	1	098822010

# Beta

# Beta



## Beta ABRASIVES

### HARD CUTTING AND GRINDING DISCS

Hard discs mean the main category of this new product family; hence Beta Utensili has concentrated on selecting the very best materials and types.

Cutting and grinding discs are the quickest and most versatile instruments for working a wide variety of materials, by using the most suitable tools, whether angle grinders or stationary machines

#### DISC SHAPES

 **T42**  
cutting disc with depressed centre

 **T41**  
cutting disc with flat centre

 **T27**  
grinding disc with depressed centre

**TOP**  
— LINE —  
Uncompromising quality: for extremely demanding users

**PREMIUM**  
— LINE —  
High quality for high performance, at competitive prices, for the best quality/price ratio.

#### CERTIFICATION



#### PICTOGRAMS ON DISCS

-  Wear safety glasses
-  Wear ear protectors
-  Wear dust mask
-  Wear protector gloves
-  Wear safety clothes
-  Check user manual
-  Disc for cutting only – not for grinding
-  Do not use disc if damaged
-  Iron, sulphur and chlorine free ( $\leq 0.1\%$ )

#### PRODUCT SHELF LIFE

Product shelf-life: 3 years from manufacturing date. “V01” as engraved on the metal washer in the middle of the disc indicates the quarter of expiration. Example: “V07/2022” indicates the disc was manufactured in the 3rd quarter of 2023 and can be used until the end of the 3rd quarter of 2026.



	Quarter
<b>V01</b>	Jan-Mar
<b>V04</b>	Apr-Jun
<b>V07</b>	Jul-Sep
<b>V10</b>	Oct-Dec

#### ABRASIVE SHAFT-MOUNTED WHEELS

Abrasive shaft-mounted wheels for use with die grinders. Made in several shapes to suit different working processes, with three types of abrasives.




#### FLAP DISCS

Flap discs are made up of abrasive cloth flaps glued onto a support; they are an excellent choice for roughing and finishing operations. Generally speaking, they ensure quicker removal, more homogenous finish, less vibration, less noise and lower operating temperatures than grinding discs. They are available with cloths made of several different abrasive materials, with different grain sizes and two different types of support.



#### Shapes

 **Flat**  
Used at a maximum angle of 15° compared to the worktop, it allows working of flat surfaces and edges.

 **Conical**  
Used at an angle between 15° and 25° compared to the worktop, it makes jobs on uneven surfaces easier. It ensures a larger contact surface between the disc and the surface being worked. The flaps can be used until they are fully worn out.



#### SHAFT-MOUNTED WHEELS

Shaft-mounted flap wheels are provided with flexible flaps which allow precise, homogenous finish to be obtained on irregular shapes and surfaces.

## 11001

abrasive steel cutting discs  
with depressed centre  
A30S EN 12413



A30S



	Ø mm	S mm	F mm	max. rpm		
11001	115	3,2	22,23	13300	10	110010118
11001	125	3,2	22,23	12200	10	110010128
11001	230	3,2	22,23	6600	10	110010233

## 11011

abrasive steel grinding discs  
with depressed centre  
A24N EN 12413



A24N



	Ø mm	S mm	F mm	max. rpm		
11011	115	6,5	22,23	13300	10	110110115
11011	125	6,5	22,23	12200	10	110110125
11011	230	6,5	22,23	6600	10	110110230

## 11021

abrasive steel and stainless steel cutting discs  
with depressed centre  
A30Q EN 12413



A30Q



	Ø mm	S mm	F mm	max. rpm		
11021	115	3,2	22,23	13300	10	110210118
11021	125	3,2	22,23	12200	10	110210128
11021	230	3,2	22,23	6600	10	110210233

## 11023

abrasive steel and stainless steel grinding discs  
with depressed centre  
A24Q EN 12413



A24Q



	Ø mm	S mm	F mm	max. rpm		
11023	115	6,5	22,23	13300	10	110230115
11023	125	6,5	22,23	12200	10	110230125
11023	230	6,5	22,23	6600	10	110230230

## 11034÷11038

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

TOP LINE  
Ø 65 mm  
A46U EN 12413



TOP  
LINE

A46U



	Ø mm	S mm	F mm	max. rpm		
11034	115	1,0	22,23	13300	25	110340022
11034	115	1,6	22,23	13300	25	110340062

	Ø mm	S mm	F mm	max. rpm		
11035	125	1,0	22,23	12200	25	110350022
11035	125	1,6	22,23	12200	25	110350062

	Ø mm	S mm	F mm	max. rpm		
11038	230	2,0	22,23	6600	10	110380022



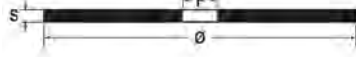
## 11045-11046

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

PREMIUM LINE

Ø 115 mm

A46Q EN 12413



	Ø	S	F	max.		
	mm	mm	mm	rpm		
11045	115	1,0	22,23	13300	25	110450010
11045	115	1,6	22,23	13300	25	110450016

	Ø	S	F	max.		
	mm	mm	mm	rpm		
11046	125	1,0	22,23	12200	25	110460010
11046	125	1,6	22,23	12200	25	110460016

## 11049

abrasive steel and stainless steel cutting discs,  
thin, with flat centre

Ø 230 mm

A36Q EN 12413



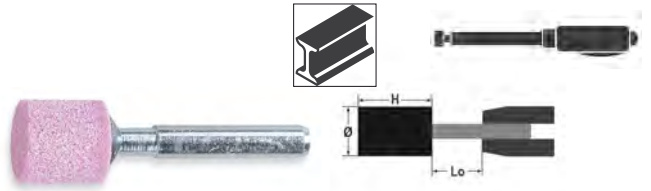
	Ø	S	F	max.		
	mm	mm	mm	rpm		
11049	230	2,0	22,23	6600	10	110490019

## 11101

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
cylindrically shaped

shaft Ø 6 x 40 mm

EN 12413



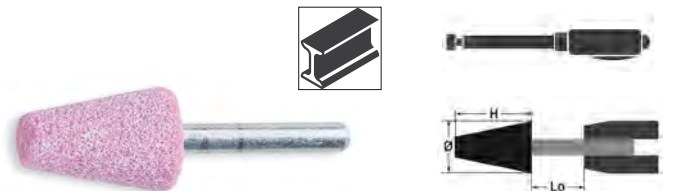
	Ø	h	max. rpm			
	mm	mm	Lo=13 mm			
11101	4	8	130.000	AR60P5V	25	111010004
11101	5	10	130.000	AR60P5V	25	111010005
11101	6	10	130.00	AR60P5V	25	111010006
11101	8	10	119.300	AR60P5V	25	111010008
11101	10	10	95.400	AR60P5V	25	111010010
11101	10	15	95.400	AR60P5V	25	111010011
11101	10	20	86.600	AR60P5V	25	111010012
11101	10	25	72.700	AR60P5V	25	111010013
11101	10	32	58.700	AR60P5V	25	111010014
11101	12	20	79.500	AR60P5V	25	111010017
11101	15	15	63.600	AR60P5V	25	111010019
11101	16	20	59.600	AR46P5V	25	111010020
11101	16	25	56.900	AR46P5V	25	111010021
11101	16	32	45.100	AR46P5V	25	111010022
11101	20	20	47.700	AR46P5V	25	111010025
11101	20	25	46.100	AR46P5V	25	111010026
11101	20	30	38.900	AR46P5V	25	111010027
11101	20	40	29.00	AR46P5V	25	111010028
11101	25	25	37.200	AR36/46P5V	25	111010031
11101	30	30	26.200	AR36/46P5V	25	111010035
11101	30	40	19.500	AR36/46P5V	10	111010036
11101	32	32	23.100	AR36P5V	10	111010038
11101	40	10	23.800	AR36/46P5V	25	111010041
11101	40	20	23.800	AR36P5V	10	111010042
11101	40	30	19.700	AR36P5V	10	111010044
11101	40	40	14.700	AR36P5V	10	111010045
11101	50	25	18.800	AR36P5V	10	111010052
11101	60	10	15.900	AR36P5V	10	111010060

## 11107

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
trapezoidally shaped

shaft Ø 6 x 40 mm

EN 12413



	Ø	h	max. rpm			
	mm	mm	Lo=13 mm			
11107	12	20	79.500	AR60P5V	25	111070012
11107	15	25	60.400	AR46P5V	25	111070015
11107	20	30	38.900	AR46P5V	25	111070020
11107	25	40	23.300	AR36/46P5V	10	111070025

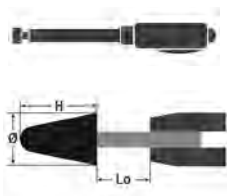


## 11111

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
rounded, cone-shaped

shaft  $\varnothing$  6 x 40 mm

EN 12413



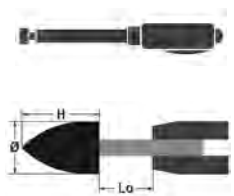
	$\varnothing$ mm	h mm	max. rpm Lo=13 mm			
11111	10	20	86.600	AR60P5V	25	111110010
11111	15	30	51.000	AR46P5V	25	111110015
11111	16	45	31.400	AR46P5V	25	111110016
11111	20	28	41.500	AR46P5V	25	111110020
11111	20	40	29.000	AR46P5V	25	111110021
11111	30	50	15.100	AR36/46P5V	10	111110030

## 11116

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
ogive-shaped

shaft  $\varnothing$  6 x 40 mm

EN 12413



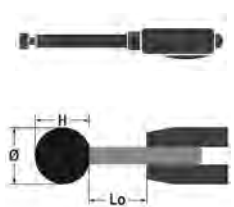
	$\varnothing$ mm	h mm	max. rpm Lo=13 mm			
11116	10	20	86.600	AR60P5V	25	111160010
11116	18	30	43.000	AR46P5V	25	111160018
11116	20	50	22.500	AR36/46P5V	25	111160020

## 11131

abrasive shaft-mounted wheels,  
abrasive pink corundum grains,  
globe-shaped

shaft  $\varnothing$  6 x 40 mm

EN 12413

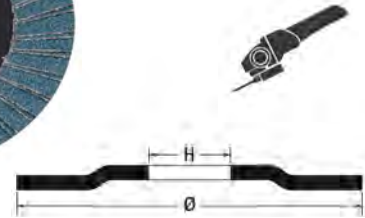


	$\varnothing$ mm	h mm	max. rpm Lo=13 mm			
11131	10	10	95.400	AR60P5V	25	111310010
11131	15	15	63.600	AR60P5V	25	111310015
11131	20	20	47.700	AR46P5V	25	111310020
11131	25	25	37.200	AR36/46P5V	25	111310025
11131	30	30	26.200	AR36/46P5V	25	111310030

## 11202A-11202B

flap discs with zirconia abrasive cloth,  
plastic backing pad, double flap construction

Flat  
PREMIUM LINE  
 $\varnothing$  115 mm  
EN 13743



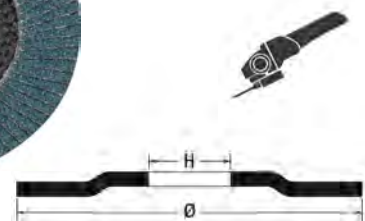
	$\varnothing$ mm	P	F mm		
11202A	115	40	22,23	10	112020004
11202A	115	60	22,23	10	112020006
11202A	115	80	22,23	10	112020008
11202A	115	120	22,23	10	112020012

	$\varnothing$ mm	P	F mm		
11202B	125	40	22,23	10	112020104
11202B	125	60	22,23	10	112020106
11202B	125	80	22,23	10	112020108

## 11204A-11204B

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
PREMIUM LINE  
 $\varnothing$  115 mm  
EN 13743



	$\varnothing$ mm	P	F mm		
11204A	115	40	22,23	10	112040004
11204A	115	60	22,23	10	112040006
11204A	115	80	22,23	10	112040008
11204A	115	120	22,23	10	112040012

	$\varnothing$ mm	P	F mm		
11204B	125	40	22,23	10	112040104
11204B	125	60	22,23	10	112040106
11204B	125	80	22,23	10	112040108

## 11210A-11210B

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Cone-shaped  
PREMIUM LINE  
Ø 115 mm  
EN 13743



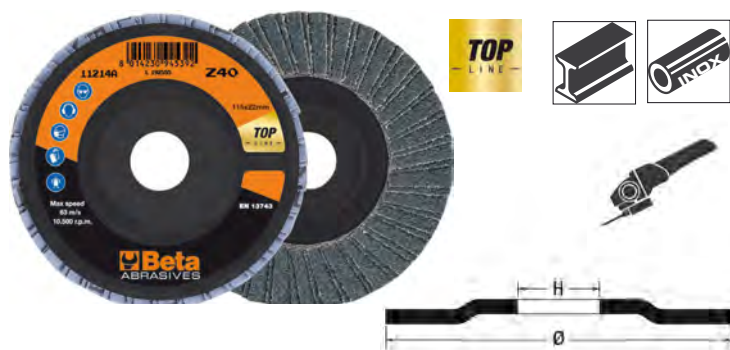
	Ø mm	P	F mm		
11210A	115	40	22,23	10	112100004
11210A	115	60	22,23	10	112100006
11210A	115	80	22,23	10	112100008
11210A	115	120	22,23	10	112100012

	Ø mm	P	F mm		
11210B	125	40	22,23	10	112100104
11210B	125	60	22,23	10	112100106
11210B	125	80	22,23	10	112100108

## 11214A

flap discs with zirconia abrasive cloth,  
plastic backing pad, double flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm		
11214A	115	40	22,23	10	112140004
11214A	115	60	22,23	10	112140006
11214A	115	80	22,23	10	112140008
11214A	115	120	22,23	10	112140012



## 11216A-11216B

flap discs with zirconia abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm		
11216A	115	40	22,23	10	112160004
11216A	115	60	22,23	10	112160006
11216A	115	80	22,23	10	112160008
11216A	115	120	22,23	10	112160012

	Ø mm	P	F mm		
11216B	125	40	22,23	10	112160104
11216B	125	60	22,23	10	112160106
11216B	125	80	22,23	10	112160108

## 11234A

flap discs with corundum abrasive cloth,  
fibreglass backing pad, single flap construction

Flat  
TOP LINE  
Ø 115 mm  
EN 13743



	Ø mm	P	F mm		
11234A	115	40	22,23	10	112340004
11234A	115	60	22,23	10	112340006
11234A	115	80	22,23	10	112340008
11234A	115	120	22,23	10	112340012



## 11246A

flap discs with ceramic-coated abrasive cloth, plastic backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743



	Ø mm	P	F mm		
11246A	115	40	22,23	10	112460004
11246A	115	60	22,23	10	112460006

## 11248A

flap discs with ceramic-coated abrasive cloth, fibreglass backing pad and single flap construction

Flat  
 Ø 115 mm  
 EN 13743



	Ø mm	P	F mm		
11248A	115	40	22,23	10	112480004
11248A	115	60	22,23	10	112480006

## 11259

felt flap discs, fibreglass backing pad, single flap construction

Flat



	Ø mm	F mm		
11259	115	22,23	10	112590115

## 11260÷11268

shaft-mounted flap wheels, corundum abrasive cloth flaps

shaft Ø 3 mm  
 EN 13743



	Ø mm	h mm	S mm	P		
11260	10	10	3	60	10	112600010
11260	15	15	3	60	10	112600015

	Ø mm	h mm	S mm	P		
11263	30	10	6	60	10	112630006
11263	30	15	6	60	10	112630016
11263	30	15	6	80	10	112630018
11263	30	20	6	40	10	112630024
11263	30	20	6	60	10	112630026
11263	30	20	6	80	10	112630028
11263	30	20	6	120	10	112630032

	Ø mm	h mm	S mm	P		
11264	40	15	6	60	10	112640006
11264	40	15	6	80	10	112640008
11264	40	15	6	120	10	112640012
11264	40	20	6	40	10	112640014
11264	40	20	6	60	10	112640016
11264	40	30	6	40	10	112640024
11264	40	30	6	60	10	112640026

	Ø mm	h mm	S mm	P		
11265	50	20	6	60	10	112650006
11265	50	20	6	80	10	112650008
11265	50	30	6	40	10	112650014
11265	50	30	6	60	10	112650016
11265	50	30	6	80	10	112650018
11265	50	30	6	120	10	112650022

	Ø mm	h mm	S mm	P		
11266	60	20	6	60	10	112660006
11266	60	30	6	40	10	112660014
11266	60	30	6	60	10	112660016
11266	60	30	6	80	10	112660018
11266	60	30	6	120	10	112660022
11266	60	40	6	60	10	112660026

	Ø mm	h mm	S mm	P		
11268	80	30	6	60	10	112680006
11268	80	30	6	80	10	112680008







# CRIMPING PLIERS FOR TERMINALS AND TERMINALS

		Terminals	Die cavity	Range (mm <sup>2</sup> )	Use
1601/PC					For telephone and data transmission terminals 4P/6P/8P
1602				0,75-6	For insulated terminals, light series
1602A				0-6	For insulated terminals, standard model
1603				1,25-5,5	For non-insulated terminals, light series
1603A				0-8	For non-insulated closed terminals, standard model
1603B				0-8	For non-insulated open terminals, standard model
1606/2				0,14-10	Heavy-duty, for cylindrical terminals
1606A				0,5-6 6-16	For cylindrical terminals
1606T				0,1-10	For cylindrical terminals, 4-sided crimping
1607				6,48 5,41 1,69	Heavy-duty, for BNC coaxial wires RG 58, RG 59, RG 62, RG 71
1608				0,5-6	For insulated terminals, with pressure regulator
1608A				0,75-6	Heavy-duty, for insulated terminals
1609				0,5-2,5	For non-insulated terminals
1609A				0,5-6	Heavy-duty, for non-insulated terminals
1609B				10-120	For non-insulated terminals

## 1601/PC

ratchet crimping pliers for telephone terminals and data transmission

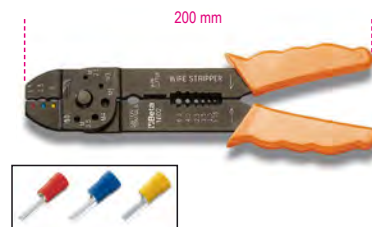


RJ11-RJ12-RJ45

2 016010011

## 1602

crimping pliers for insulated terminals, light series



mm<sup>2</sup>  
0,75÷6

5 016020001

## 1602/C9

crimping pliers, light series, with assortment of 450 terminals



1602/C9

1 016020045

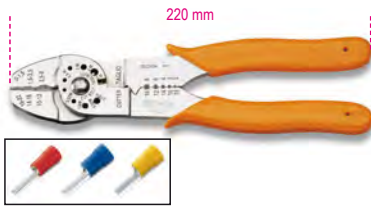
1602

BM00180	R/6,3	50
BM00280	B/6,3	50
BM00380	G/6,3	50
BM00191	R/6,3	50
BM00291	B/6,3	50
BM00392	G/6,3	50
BM00160	R/1,6	50
BM00260	B/2,3	50
BM00360	G/3,6	50

420x185x60 mm - 1,5 kg

## 1602A

crimping pliers for insulated terminals, standard model

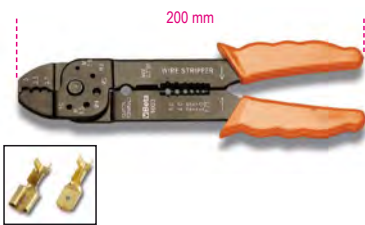


mm<sup>2</sup>  
0÷6

2 016020005

## 1603

crimping pliers for non-insulated terminals, light series

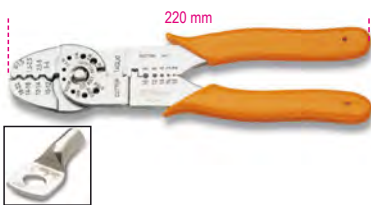


mm<sup>2</sup>  
1,25÷5,5

5 016030001

## 1603A

crimping pliers for non-insulated closed terminals, standard model

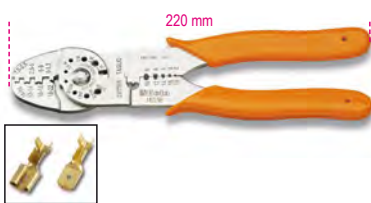


mm<sup>2</sup>  
0÷8

2 016030005

## 1603B

crimping pliers for non-insulated open terminals, standard model



mm<sup>2</sup>  
0÷8

2 016030010



## 1606/2

heavy duty crimping pliers for cylindrical terminals



mm<sup>2</sup>  
0,14÷10

L mm 175  
A mm 65  
B mm 20

1 016060002

## 1606A

crimping pliers for tubular terminals



mm<sup>2</sup>  
0,5÷6

1606A6 0,5÷6  
1606A16 6÷16

1 016060010  
1 016060016

## 1606A/C9

crimping pliers for tubular terminals with assortment of 450 terminals, 0,5÷6 mm<sup>2</sup>



1606A/C9

1 016060045

n.  
1606A6 1  
BM00601 W/0,5 50  
BM00604 N/1,5 100  
BM00506 B/2,5 100  
BM00508 G/4 100  
BM00610 Y/6 100

420x185x60 mm - 2,5 kg



## 1606T

crimping pliers for tubular terminals, 4-sided crimping

reduced lever stress



mm<sup>2</sup>  
0,1÷10

L mm 173  
A mm 61  
B mm 13

1 016060005

## 1607

heavy duty crimping pliers for BNC coaxial wires RG 58, RG 59, RG 62, RG 71



1607

L mm 220  
A mm 73  
B mm 19

1 016070001

## 1608

crimping pliers for insulated terminals, with pressure regulator



mm<sup>2</sup>  
0,5÷6

1 016080001

## 1608/C9

pliers  
with assortment of 450 terminals



1608/C9 1 016080045

1608	n.
BM00180 R/6,3	50
BM00280 B/6,3	50
BM00380 G/6,3	50
BM00191 R/6,3	50
BM00291 B/6,3	50
BM00392 G/6,3	50
BM00160 R/1,6	50
BM00260 B/2,3	50
BM00360 G/3,6	50
420x185x60 mm - 2 kg	

## 1608A

heavy duty crimping pliers  
for insulated terminals



mm<sup>2</sup>  
0,75+6 1 016080005



## 1609

crimping pliers for non-insulated  
terminals, professional model  
fast performance



mm<sup>2</sup>  
0,5+2,5 1 016090001

## 1609A

heavy duty crimping pliers  
for non-insulated terminals



mm<sup>2</sup>  
0,5+6 1 016090005

## 1609B

crimping pliers for noninsulated terminals

punch crimps,  
10 mm<sup>2</sup> ÷ 120 mm<sup>2</sup>



L mm  
600 mm<sup>2</sup>  
10+120 1 016090101

## 1609C/C5

oil-pressure crimping pliers  
with 5 pairs of dies

hexagonal crimps,  
25 mm<sup>2</sup> ÷ 240 mm<sup>2</sup>



mm<sup>2</sup>  
50+240 1 016090210  
500x300x110 mm - 4 kg

## 1609M

dies for item 1609C  
hexagonal crimps



1609M/16	mm <sup>2</sup> 10-16	1 016090221
1609M/35	25-35	1 016090223
1609M/70	50-70	1 016090225
1609M/120	95-120	1 016090227
1609M/150	150	1 016090229
1609M/185	185	1 016090231
1609M/240	240	1 016090233

## 1639S

nylon wire puller

with interchangeable heads

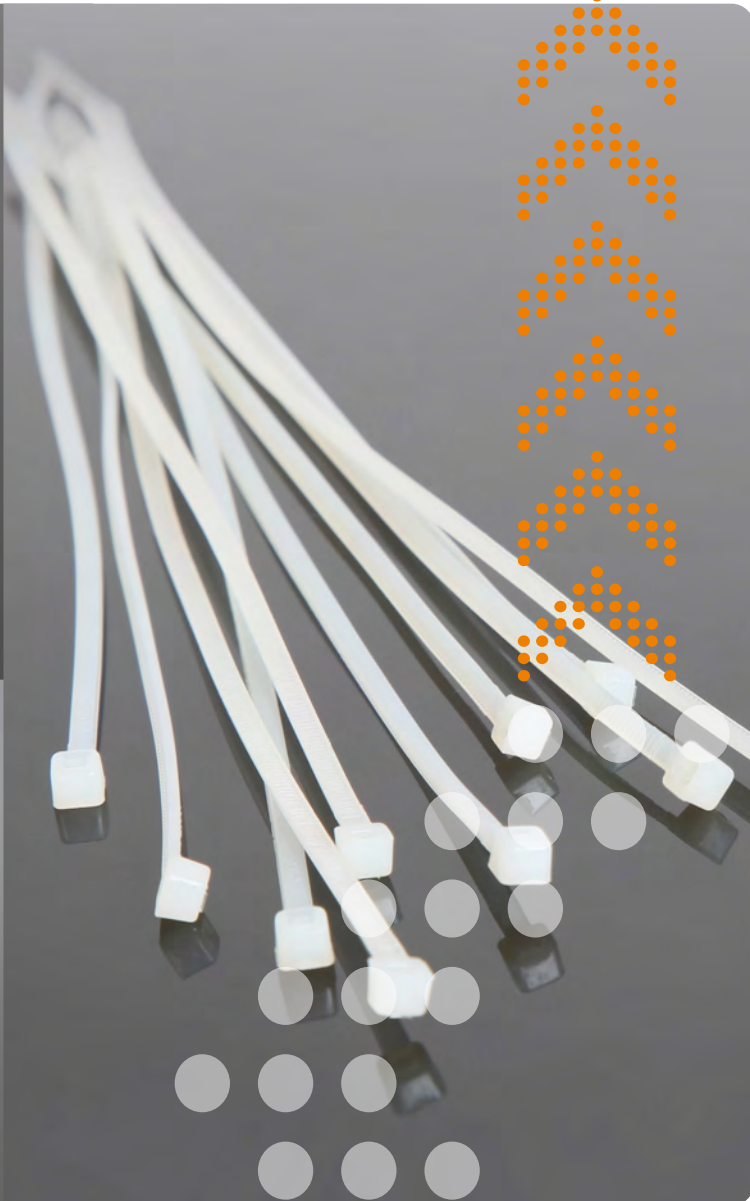
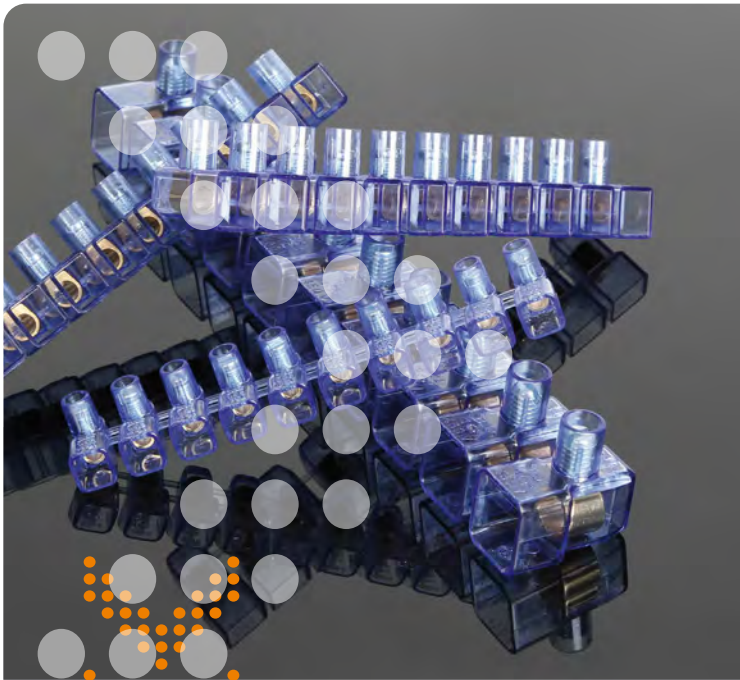


L m  
10 Ø mm  
4 1 016390010





# PRODUCTS UNDER THE BRAND NAME BM



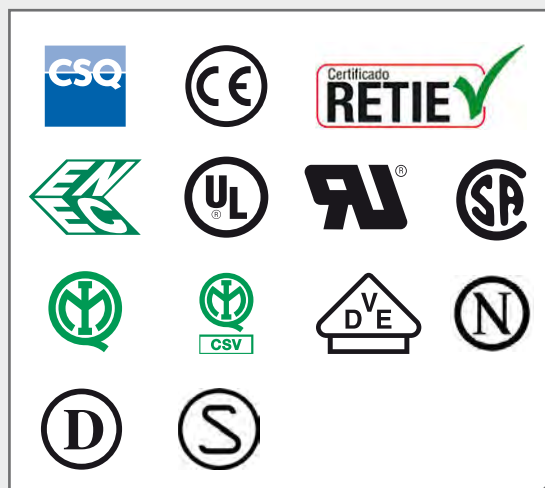
## CABLE TIES, TERMINAL BLOCKS, ELECTRICAL TAPES

BM Group has been designing, manufacturing and distributing connecting parts and electrical installation products since 1958.

**Quality, safety and reliability** have always been BM's key values. Combined with a passion for excellence, these values have allowed the company to develop – step by step – into a benchmark for the electrical material market.

In 2018 BM Group was taken over by Beta Utensili. This section comprises an accurate selection of products under the brand name BM, supplementing Beta's product range.

## CERTIFIED QUALITY





## 1610-B

pre-insulated ring terminals

0,25+1,5 mm<sup>2</sup> L  
1,5+2,5 mm<sup>2</sup> 4+6 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

D mm	mm <sup>2</sup>	L mm		
4	0,25-1,5	20,6	■	100 BM00119
5	0,25-1,5	21,8	■	100 BM00125
5	1,5-2,5	22,4	■	100 BM00225
6	1,5-2,5	26	■	100 BM00231
8	1,5-2,5	29,8	■	100 BM00237
6	4-6	29,1	■	50 BM00331
8	4-6	34,5	■	50 BM00337

## 1614-P

pre-insulated ferrule terminals

0,25+1,5 mm<sup>2</sup> 1,5+2,5 mm<sup>2</sup> 4+6 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

D mm	mm <sup>2</sup>	L mm		
1,9	0,25-1,5	19	■	100 BM00151
1,9	1,5-2,5	19	■	100 BM00251
2,7	4-6	28	■	50 BM00350

## 1616-SM

pre-insulated male pin terminals

0,25+1,5 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

D mm	mm <sup>2</sup>	L mm		
4	0,25-1,5	21	■	100 BM00130

## 1618-SF

pre-insulated female pin terminals

1618R/4K 0,25+1,5 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

D mm	mm <sup>2</sup>	L mm		
3,8	0,25-1,5	23,5	■	100 BM00140

## 1620-M

pre-insulated quick male terminals

0,25+1,5 mm<sup>2</sup> 1,5+2,5 mm<sup>2</sup> 4+6 mm<sup>2</sup>  
HxS 6,3x0,8 mm HxS 6,3x0,8 mm HxS 6,3x0,8 mm  
: 1602; 1602A; 1608; 1608A

HxS mm	mm <sup>2</sup>	L mm		
6,3x0,8	0,25-1,5	21	■	100 BM00180
6,3x0,8	1,5-2,5	21	■	100 BM00280
6,3x0,8	4-6	24,5	■	50 BM00380

## 1622-F

pre-insulated quick female terminals

BM00395 0,25+1,5 mm<sup>2</sup> BM00290 1,5+2,5 mm<sup>2</sup> BM00391 4+6 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

HxS mm	mm <sup>2</sup>	L mm		
6,3x0,8	0,25-1,5	20,7	■	100 BM00190
2,8x0,5	0,25-1,5	18,5	■	100 BM00395
6,3x0,8	1,5-2,5	20,7	■	100 BM00290
6,3x0,8	4-6	24,5	■	50 BM00391

## 1624-FI

insulated quick female terminals

0,25+1,5 mm<sup>2</sup> 4+6 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

HxS mm	mm <sup>2</sup>	L mm		
6,3x0,8	0,25-1,5	22	■	100 BM00191
6,3x0,8	1,5-2,5	22	■	50 BM00291
6,3x0,8	4-6	25	■	50 BM00392

## 1628-C

pre-insulated cable connectors

0,25+1,5 mm<sup>2</sup> 1,5+2,5 mm<sup>2</sup> 4+6 mm<sup>2</sup>  
: 1602; 1602A; 1608; 1608A

D mm	mm <sup>2</sup>	L mm		
1,8	0,25-1,5	25	■	100 BM00160
2,5	1,5-2,5	26,5	■	100 BM00260
3,7	4-6	27	■	50 BM00360

## 1630-CR

quick connectors

0,25+1 mm<sup>2</sup> 1,25+2,5 mm<sup>2</sup>

mm <sup>2</sup>	L mm		
0,25-1	15,3	■	500 BM00110
1,25-2,5	15,9	■	500 BM00210

## 1632-TS

single tube terminals

: 1606/2; 1606A 1606T

mm <sup>2</sup>	L mm		
0,5	14	■	500 BM00601
0,75	14	■	500 BM00602
1	14	■	500 BM00603
1,5	14	■	500 BM00604
2,5	14	■	250 BM00506
4	17	■	200 BM00508
6	20	■	100 BM00610
0,5	14	■	500 BM00501
0,75	14	■	500 BM00502
1	14	■	500 BM00503
1,5	14	■	500 BM00504
6	20	■	100 BM00510

## 1634-TD

dual tube terminals

: 1606/2; 1606A 1606T

mm <sup>2</sup>	L mm		
2x0,5	15	■	200 BM00651
2x0,75	15	■	200 BM00652
2x1	15	■	200 BM00654
2x1,5	16	■	200 BM00656
2x2,5	18,5	■	100 BM00558
2x4	23	■	100 BM00560
2x6	26	■	50 BM00661
2X0,5	15	■	200 BM00551
2X0,75	15	■	200 BM00552
2X1	15	■	200 BM00554
2X1,5	16	■	200 BM00556
2X6	26	■	50 BM00561





## 1635-D

multiple polypropylene terminals, 12-pole strips

Insulating housing: natural polypropylene (PP)  
 Conductive body: brass  
 Captive screw: galvanized steel  
 Self-extinguishing: EN 60335-1: 2002+A2:2006 (par. 30.2.3), EN 60695-2-10 at 850 °C, EN 60695-2-11  
 Operating temperature: max. 85 °C  
 Degree of protection: IP20  
 Reference standards: EN 60998-1: 2004, EN 60998-2-1: 2004, EN 60335-1: 2002 + A2: 2006 (par. 30.2.3), IEC/EN 60695-2-11



mm²	L mm	L1 mm	mm²		
16	93,7	14,7	2,5	50	BM9200
20,5	116,5	17,2	4	50	BM9201
23,5	139,5	20,1	6	50	BM9202
25,3	175,5	22,5	16	25	BM9203
35,2	228	33,5	25	10	BM9204

## 1635-S

closed end connector terminals, for free connections

Insulating housing: transparent polycarbonate UL94 V0  
 Conductive body: brass  
 Captive screw: galvanized steel  
 Self-extinguishing: EN60695-2-10 a 850°C, EN 60335-1:2002 +A2:2006, EN60695-2-11  
 Working temperature: max. 85 °C  
 Degree of protection: IP20  
 Reference standards: EN60998-1: EN60998-2-1:2004



mm²	L mm	L1 mm	S mm	mm²	N		
1.5	15	7.5	14.5	1.5	2	10	BM991
				1 2÷3			
				0.75 2÷4			
2.5	17.5	9	18.2	2.5	2	10	BM992
				1.5 2÷3			
				1 2÷4			
4	21	10.3	20	4	2	10	BM9924
				2.5 2÷3			
				1.5 2÷4			
6	22.5	11.8	23	6	2	10	BM993
				4 2÷3			
				2.5 2÷4			
10	26	14.7	26	10	2	10	BM994
				6 2÷3			
				4 2÷4			
16	31.8	18.8	32.2	16	2	10	BM995
				10 2÷3			
				6 2÷4			

## 1635-S



mm²	L mm	L1 mm	S mm	mm²	N		
25	36.3	22.5	41.9	25	2	25	BM9960
				16 2÷3			
				10 2÷4			
35	43.5	26.1	49.4	35	2	25	BM9961
				25 2÷3			
				16 2÷4			



## 1748-BV2

nylon cable ties, natural colour

Material: polyamide PA 6.6  
 Self-extinguishing class: UL 94-V2  
 Working temperature: -40 °C ÷ +85 °C  
 Minimum installation temperature: -10 °C  
 Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
 Reference standards: EN 62275:2015-02  
 Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	80	14	80	100	BMB0824
2.5	100	20.5	80	100	BMB1025
2.5	120	27	80	100	BMB1225
2.5	160	40	80	100	BMB1625
2.5	200	52.5	80	100	BMB2025
3.6	140	33	180	100	BMB1436
3.6	200	52.5	180	100	BMB2036
3.6	300	106	180	100	BMB2936
3.6	370	105	180	100	BMB3736
4.6	120	24	220	100	BMB1248
4.6	160	36	220	100	BMB1648
4.8	188	46	220	100	BMB1948
4.8	200	50	220	100	BMB2048
4.8	250	65	220	100	BMB2548
4.8	300	81	220	100	BMB3048
4.8	370	103.5	220	100	BMB3748
4.8	390	110	220	100	BMB3948
4.8	430	122.5	220	100	BMB4348
4.8	530	160	220	100	BMB5348
7.6	150	24	550	100	BMB1576
7.6	200	51	550	100	BMB2076
7.6	300	83	550	100	BMB2976
7.6	370	103.5	550	100	BMB3776
7.6	450	130.5	550	100	BMB4576
7.6	540	159	550	100	BMB5476
7.6	750	226	550	100	BMB7576
8.8	550	163.5	800	100	BMB5390
8.8	710	195	800	100	BMB7190
8.8	780	235.5	800	100	BMB7890
9.0	430	130.5	800	100	BMB4390
9.0	810	245	800	100	BMB8190
9.0	1020	295	800	100	BMB1090
9.0	1220	375.5	800	100	BMB1290
9.0	1530	460	800	100	BMB1590

## 1748V

nylon cable ties, green

Material: polyamide PA 6.6  
 Self-extinguishing class: UL 94-V2  
 Operating temperature: -40 °C ÷ +85 °C  
 Minimum installation temperature: -10 °C  
 Resistance to chemicals: good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
 Reference standards: EN 62275:2015-02  
 Classification: type 1 (EN); type 21 (UL)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	100	20.5	80	100	BMV1025
3.6	140	33	180	100	BMV1436
4.8	200	50	220	100	BMV2048
4.8	300	81	220	100	BMV3048

## 1748N

nylon cable ties, black

UV resistant

Material: polyamide PA 6.6 + carbon black  
 Self-extinguishing class: UL 94-V2  
 Working temperature: -40 °C ÷ +85 °C  
 Minimum installation temperature: -10 °C  
 Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
 Reference standards: EN 62275:2015-02  
 Classification: type 1 (EN)



A mm	L mm	Ø MAX mm	F MAX N		
2.5	80	14	80	100	BMN0824
2.5	100	20.5	80	100	BMN1025
2.5	120	27	80	100	BMN1225
2.5	160	40	80	100	BMN1625
2.5	200	52.5	80	100	BMN2025
3.6	140	33	180	100	BMN1436
3.6	200	52.5	180	100	BMN2036
3.6	300	106	180	100	BMN2936
3.6	370	105	180	100	BMN3736
4.6	120	24	220	100	BMN1248
4.6	160	36	220	100	BMN1648
4.8	188	46	220	100	BMN1948
4.8	200	50	220	100	BMN2048
4.8	250	65	220	100	BMN2548
4.8	300	81	220	100	BMN3048
4.8	370	103.5	220	100	BMN3748
4.8	390	110	220	100	BMN3948
4.8	430	122.5	220	100	BMN4348
4.8	530	160	220	100	BMN5348
7.6	150	24	550	100	BMN1576
7.6	200	51	550	100	BMN2076
7.6	300	83	550	100	BMN2976
7.6	370	103.5	550	100	BMN3776
7.6	450	130.5	550	100	BMN4576
7.6	540	159	550	100	BMN5476
7.6	750	226	550	100	BMN7576
8.8	550	163.5	800	100	BMN5390
8.8	710	195	800	100	BMN7190
8.8	780	235.5	800	100	BMN7890
9.0	430	130.5	800	100	BMN4390
9.0	810	245	800	100	BMN8190
9.0	1020	295	800	100	BMN1090
9.0	1220	375.5	800	100	BMN1290
9.0	1530	460	800	100	BMN1590

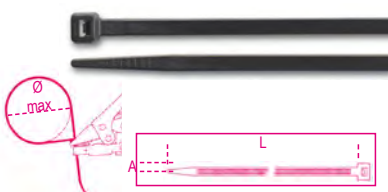


## 1748-UL

nylon cable ties, for heavy loads,  
black  
UV and IMPACT resistant

Material: polyamide PA 6.6 + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
12.4	230	57	1200	100	BMN2412
12.4	480	136.5	1200	100	BMN4912
12.4	730	216.1	1200	100	BMN7412
12.4	880	263.9	1200	100	BMN8912
12.4	1000	305	1200	100	BMN1012

## 1748-N2D

nylon cable ties,  
black,  
UV resistant

Material: polyamide PA 6.6 + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
9.0	180	40	400	100	BMN1890
9.0	265	62	540	100	BMN2690
9.0	360	93	540	100	BMN3690

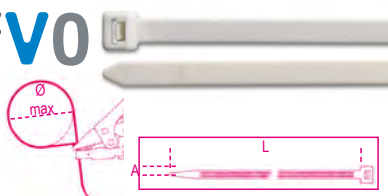


## 1748-BVO

self-extinguishing nylon cable ties,  
white

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V0  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE V0



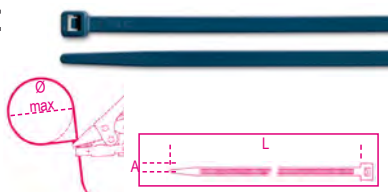
A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	80	100	BMB1025V0
3.6	150	36.0	180	100	BMB1536V0
3.6	200	52.5	180	100	BMB2036V0
4.8	200	49.5	230	100	BMB2048V0
4.8	300	81.0	230	100	BMB3048V0
4.8	370	106.7	230	100	BMB3848V0
7.6	370	106.7	540	100	BMB3876V0

## 1748-BX

nylon cable ties,  
blue,  
detectable by metal detectors

Material: polyamide PA 6.6 + metal powder  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



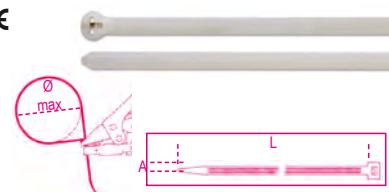
A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	80	100	BMBX1025
3.6	150	36.0	180	100	BMBX1536
3.6	200	52.5	180	100	BMBX2036
4.8	200	49.5	230	100	BMBX2048
4.8	300	81.0	230	100	BMBX3048
4.8	370	106.7	230	100	BMBX3848
7.6	370	106.7	540	100	BMBX3876

## 1748-BL

steel tooth nylon cable ties,  
natural colour

Material: polyamide PA 6.6 + steel  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



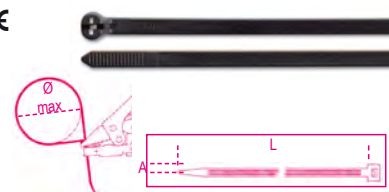
A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	180	100	BMBL1025
2.5	200	52.5	180	100	BMBL2025
3.6	140	33.0	250	100	BMBL1436
4.8	200	49.5	360	100	BMBL2048
4.8	300	81.0	360	100	BMBL3048
4.8	370	103.5	360	100	BMBL3748
7.6	370	103.5	780	100	BMBL3776

## 1748-NL

steel tooth nylon cable ties,  
black,  
UV resistant

Material: polyamide PA 6.6 + steel + carbon black  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

CE



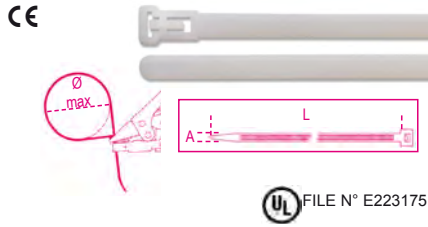
A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	100	20.5	180	100	BMNL1025
2.5	200	52.5	180	100	BMNL2025
3.6	140	33.0	250	100	BMNL1436
4.8	200	49.5	360	100	BMNL2048
4.8	300	81.0	360	100	BMNL3048
4.8	370	103.5	360	100	BMNL3748
7.6	370	103.5	780	100	BMNL3776



## 1748-BR

reusable nylon cable ties,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

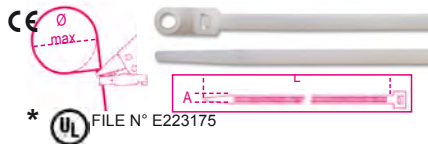


A	L	Ø MAX	F MAX		
mm	mm	mm	N		
7.6	150	40	230	100	BMBR1576
7.6	200	55	230	100	BMBR2076
7.6	300	82	230	100	BMBR3076

## 1748-BH

nylon cable ties with eyelets,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

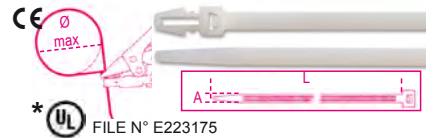


A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	110	19.0	80	100	BMBH1125
* 4.8	200	49.8	230	100	BMBH2048
* 7.6	305	78.7	550	100	BMBH3076

## 1748-BP

insertion nylon cable ties,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)

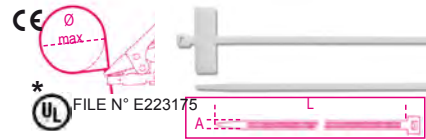


A	L	Ø MAX	F MAX		
mm	mm	mm	N		
3.6	155	37.9	180	100	BMBP1536
* 4.8	200	50.8	230	100	BMBP2048

## 1748-BT

nylon cable ties with cross plates, 25x8mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN); type 21 (UL)



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
* 2.5	100	22.0	80	100	BMBT21025
2.5	200	53.5	80	100	BMBT22025

## 1748-BT2

nylon cable ties with lengthwise plates,  
13x27mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)

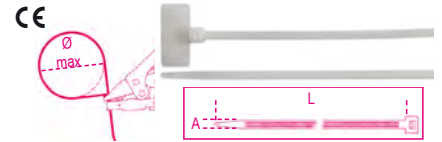


A	L	Ø MAX	F MAX		
mm	mm	mm	N		
4.8	190	51	230	100	BMBT12248

## 1748-BT3

nylon cable ties with exterior plates, 20x9mm,  
natural colour

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: good Resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols  
Reference standards: EN 62275:2015-02  
Classification: type 1 (EN)



A	L	Ø MAX	F MAX		
mm	mm	mm	N		
2.5	110	22	80	100	BMBT11125

## 1748-BA1

cabtie mounts

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F		
mm	mm	mm		
15.2x9.4x6.8	3.3	3.6	100	BMB0905
22x16.2x10.8	5.2	9	100	BMB0906

## 1748-NA1

cabtie mounts

Material: polyamide PA 6.6  
Self-extinguishing class: UL 94-V2  
Working temperature: -40 °C ÷ +85 °C  
Minimum installation temperature: -10 °C  
Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols



SxDxH	Ø	F		
mm	mm	mm		
15.2x9.4x6.8	3.3	3.6	100	BMN0905
22x16.2x10.8	5.2	9	100	BMN0906





## 1748-BA2

cable tie mounts - two-way

Material: polyamide PA 6.6

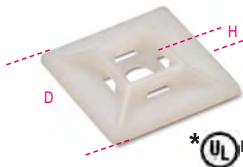
Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



SxDxH mm	F mm		
19x19x5.4	3.6	100	BMB0901
* 28x28x7	4.8	100	BMB0902
* 28x28x5.8	4.8	100	BMB0903

## 1748-NA2

cable tie mounts - two-way,  
UV resistant

Material: polyamide PA 6.6

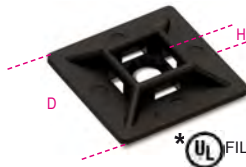
Self-extinguishing class: UL 94-V2

Working temperature: -40 °C ÷ +85 °C

Minimum installation temperature: -10 °C

Resistance to chemicals: Good resistance to bases, oils, greases, chloride solvents. Limited resistance to acids. Not resistant to phenols

CE



SxDxH mm	F mm		
19x19x5.4	3.6	100	BMN0901
* 28x28x7	4.8	100	BMN0902
* 28x28x5.8	4.8	100	BMN0903

## 1748-S

self-locking stainless steel cable ties

Material: stainless steel AISI 304

Locking device: roller ball type

Self-extinguishing class: non-flammable

Plenum rating: AH-1

UV resistance: excellent

Working temperature: -60 °C ÷ +300 °C

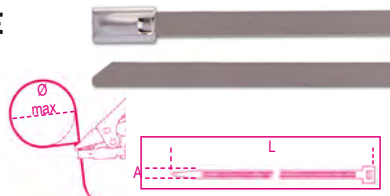
Minimum installation temperature: -60 °C

Resistance to chemicals: excellent

Reference standards: EN 62275:2015-02

Classification: type 2 (EN); type 2 (UL)

CE



A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	890	100	BMS1345
4.6	200	61.9	890	100	BMS2045
7.9	200	61.9	1500	100	BMS2079
4.6	290	90.6	890	100	BMS3045
7.9	300	90.6	1500	100	BMS3079
4.6	360	112.8	890	100	BMS3745
7.9	360	112.8	1500	100	BMS3779
7.9	500	163.8	1500	100	BMS5079
4.6	520	163.8	890	100	BMS5245
4.6	680	214.8	890	100	BMS6845
7.9	680	214.8	1500	100	BMS6879
4.6	840	265.7	890	100	BMS8445
7.9	840	265.7	1500	100	BMS8479

## 1748-SC

self-locking stainless steel cable ties,  
black polyester coating

Material: stainless steel AISI 304 + polyester

Locking device: roller ball type

Self-extinguishing class: non-flammable

Plenum rating: AH-1

UV resistance: excellent

Working temperature: -60 °C ÷ +300 °C

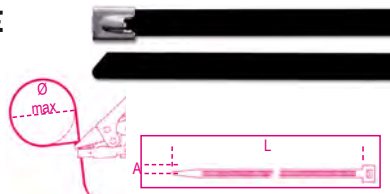
Minimum installation temperature: -60 °C

Resistance to chemicals: excellent

Reference standards: EN 62275:2015-02

Classification: type 2 (EN); type 2 (UL)

CE



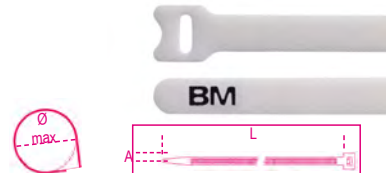
A mm	L mm	ØMAX mm	Trazione N		
4.6	125	38	450	100	BMSC1345
4.6	200	61.9	450	100	BMSC2045
7.9	200	61.9	800	100	BMSC2079
4.6	290	90.6	450	100	BMSC3045
7.9	300	90.6	800	100	BMSC3079
4.6	360	112.8	450	100	BMSC3745
7.9	360	112.8	800	100	BMSC3779
7.9	520	163.8	800	100	BMSC5079
4.6	520	163.8	450	100	BMSC5245
4.6	680	214.8	450	100	BMSC6845
7.9	680	214.8	800	100	BMSC6879
4.6	840	265.7	450	100	BMSC8445
7.9	840	265.7	800	100	BMSC8479

## 1748-BV

Velcro cable ties, wrap strap,  
white

Material: polyethylene-polyamide (PE-PA)

Operating temperature: -20 °C ÷ +60 °C



A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMBV2312
19	229	55	220	10	BMBV2319

## 1748-NV

Velcro cable ties, wrap strap,  
black

Material: polyethylene-polyamide (PE-PA)

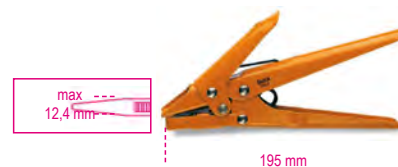
Operating temperature: -20 °C ÷ +60 °C



A mm	L mm	Ø MAX mm	F MAX N		
12,7	229	55	180	10	BMNV2312

## 1743

fitting tool for nylon ties



1743

1 017430001

## 1743T

cable tie cutting tool

• Also suitable for cutting small cables  
(3x1.5mm<sup>2</sup>; 1x17mm<sup>2</sup>)



1743T

1 017430100

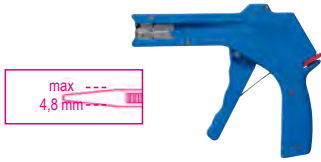


## 1748-N

fitting tools for nylon cable ties, 2.5 to 4.8 mm in width

Automatic cutting when set tension is reached.  
With tightening tension adjustment system.

Materials: glass frame made from polymer and fibreglass, interior parts made from metal



BM1100 1 BM1100

## 1748-ST

automatic clamps for stainless steel cable ties, for cable ties with width ranging from 4.6 to 9 mm, automatic tension and cut control



BM1105 1 BM1105

## 1638M

thin-wall heat shrink sheaths, in mini box

Shrink ratio: 2:1  
Material: polyethylene  
Operating temperature: -55 °C ÷ +125 °C  
Shrink temperature: +70 °C ÷ +125 °C  
Maximum VRMS: 600 V  
Self-extinguishing degree of sheath: VW-1 (UL 224)  
Halogen-free



L	Ø1	Ø2		
mm	m	mm	mm	
1,6	12	1,6	0,8	1 BMGBS016MNE
2,4	11	2,4	1,2	1 BMGBS024MNE
3,2	11	3,2	1,6	1 BMGBS032MNE
4,8	10	4,8	2,4	1 BMGBS048MNE
6,4	9	6,4	3,2	1 BMGBS064MNE
9,5	7	9,5	4,8	1 BMGBS095MNE
12,7	6	12,7	6,4	1 BMGBS127MNE
19	5	19,1	9,5	1 BMGBS190MNE
25,4	3,5	25,4	12,7	1 BMGBS254MNE

**Beta**

## 1639ESB

PVC electrical tape

Working temperature: 0-90°C  
Tensile strength: 28N/cm equivalent to 18.6 N/mm²  
Elongation: 200%  
Adhesion to steel: 2.2N/cm  
Adhesion to backing: 2 N/cm  
Dielectric strength: 45kV/mm  
Flammability: flame retardant  
Reference standards: IEC 60454-2  
Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.15	15	10	10	BMESB1510BI
0.15	15	10	10	BMESB1510BL
0.15	15	10	10	BMESB1510GI
0.15	15	10	10	BMESB1510GR
0.15	15	10	10	BMESB1510GV
0.15	15	10	10	BMESB1510MA
0.15	15	10	10	BMESB1510NE
0.15	15	10	10	BMESB1510RO
0.15	15	10	10	BMESB1510VE
0.15	15	25	10	BMESB1525BI
0.15	15	25	10	BMESB1525BL
0.15	15	25	10	BMESB1525GI
0.15	15	25	10	BMESB1525GR
0.15	15	25	10	BMESB1525GV
0.15	15	25	10	BMESB1525MA
0.15	15	25	10	BMESB1525NE
0.15	15	25	10	BMESB1525RO
0.15	15	25	10	BMESB1525VE
0.15	19	25	10	BMESB1925BI
0.15	19	25	10	BMESB1925BL
0.15	19	25	10	BMESB1925GI
0.15	19	25	10	BMESB1925GR
0.15	19	25	10	BMESB1925GV
0.15	19	25	10	BMESB1925MA
0.15	19	25	10	BMESB1925NE
0.15	19	25	10	BMESB1925RO
0.15	19	25	10	BMESB1925VE
0.15	25	25	8	BMESB2525BI
0.15	25	25	8	BMESB2525BL
0.15	25	25	8	BMESB2525GI
0.15	25	25	8	BMESB2525GR
0.15	25	25	8	BMESB2525GV
0.15	25	25	8	BMESB2525MA
0.15	25	25	8	BMESB2525NE
0.15	25	25	8	BMESB2525RO
0.15	25	25	8	BMESB2525VE
0.15	50	25	4	BMESB5025NE

## 1639ESC

PVC electrical tape

Working temperature: 0-80°C  
Tensile strength: 28N/cm equivalent to 18.6 N/mm²  
Elongation: 200%  
Adhesion to steel: 2.2N/cm  
Adhesion to backing: 2.2 N/cm  
Dielectric strength: 38kV/mm  
Flammability: flame retardant  
Reference standards: ASTM-D-1000 ; UL510  
Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.18	19	20	10	BMESB1920NE

## 1639ETA

PVC electrical tape for extreme temperatures

Working temperature: -18 ÷ +105 °C  
Tensile strength: 35N/cm equivalent to 19.4 N/mm²  
Elongation: 300%  
Adhesion to steel: 3.1N/cm  
Adhesion to backing: 2.7 N/cm  
Dielectric strength: 55.5kV/mm  
Flammability: flame retardant  
Reference standards: ASTM-D-1000 ; UL510  
Classification: CEI EN 60454-3-1-5/F-PVCP/90



S	A	L		
mm	mm	m		
0.18	19	20	1	BMETA1920NE

## 1639EAB

EPR self-amalgamating electrical tape

Working temperature: -40 ÷ +90 °C  
Tensile strength: 2.4 N/mm²  
Elongation: 750%  
Dielectric strength: 29.5kV/mm  
Flammability: flame retardant  
Reference standards: ASTM-D-4388; ASTM-D-4325  
Excellent resistance to: moisture, corrosion, chemicals



S	A	L		
mm	mm	m		
0.76	19	9	1	BMEAB1909NE



**Beta**





# BLISTER PACK RANGE



## FREE-SERVICE SALES!

- INCREASED VISIBILITY
- DISPLAY EFFICIENCY
- BAR CODE

Blister pack support:

- tearproof PVC
- 4 formats for optimized display space
- New-generation fixing system with elastic band



## 42K



mm	5	1	1
5,5x5,5	5	000429505	
6x6	5	000429506	
7x7	5	000429507	
8x8	5	000429508	
9x9	5	000429509	
10x10	5	000429510	
11x11	5	000429511	
12x12	5	000429512	
13x13	5	000429513	
14x14	5	000429514	
15x15	5	000429515	
16x16	5	000429516	
17x17	5	000429517	
18x18	5	000429518	
19x19	5	000429519	
20x20	3	000429520	
21x21	3	000429521	
22x22	3	000429522	
23x23	3	000429523	
24x24	3	000429524	
25x25	2	000429525	
26x26	2	000429526	
27x27	2	000429527	
28x28	2	000429528	
29x29	2	000429529	
30x30	2	000429530	
32x32	2	000429532	

## 55K



mm	5	1	1
6x7	5	000559012	
8x9	5	000559021	
10x11	5	000559030	
10x12	5	000559033	
10x13	5	000559035	
12x13	5	000559042	
12x14	5	000559045	
13x17	5	000559051	
14x15	5	000559054	
14x17	5	000559057	
16x17	5	000559060	
17x19	2	000559063	
18x19	2	000559066	
19x22	2	000559069	
20x22	2	000559075	
21x23	2	000559078	
22x24	2	000559081	
24x26	2	000559087	
24x27	2	000559090	
25x28	2	000559096	
27x29	2	000559099	
27x30	2	000559102	
30x32	2	000559108	

## 90K



mm	5	1	1
6x7	5	000909006	
8x9	5	000909012	
10x11	5	000909018	
12x13	5	000909027	
14x15	5	000909033	
16x17	5	000909039	
18x19	5	000909045	
20x22	3	000909051	
21x23	2	000909057	

mm	2	1	1
24x26	2	000909063	
24x27	2	000909067	
25x28	2	000909070	
27x29	2	000909073	
30x32	2	000909080	

## 93K



mm	3	1	1
21x22	3	000939021	

## 94K



mm	2	1	1
8x10	2	000949008	
9x11	2	000949009	
10x11	2	000949010	
11x13	2	000949011	
12x14	2	000949012	
13x15	2	000949013	
14x15	2	000949014	
14x17	2	000949015	
17x19	2	000949017	
19x22	2	000949019	
22x24	2	000949022	
24x27	2	000949024	
30x32	2	000949030	

## 96/SC9



96/SC9	1	1
1,5-2-2,5-3-4-5-6-8-10 mm	1	000960374

## 96/ST6K



96/ST6K	3	1
2,5-3-4-5-6-8 mm	3	000969370

## 96N/ST6K



96N/ST6K	3	1
2,5-3-4-5-6-8 mm	3	000969640

## 96BPA/SC9



96BPA/SC9	1	1
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961974

## 96BP-CL/SC9



96BP-CL/SC9	1	1
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961619

## 96BPC/SC9



96BPC/SC9	1	1
1,5-2-2,5-3-4-5-6-8-10 mm	1	000960354

## 96LBP/SC9



96LBP/SC9	1	1
1,5-2-2,5-3-4-5-6-8-10 mm	1	000961354



## 96/BGS7



96/BGS7  
1,5-2-2,5-3-4-5-6 mm

1 000960367

## 96/BG7



96/BG7  
2,5-3-4-5-6-8-10 mm

1 000960368

## 96TK



mm		
2	5	000969934
2,5	5	000969935
3	5	000969936
4	5	000969938
5	5	000969940
6	5	000969941
8	3	000969943
10	3	000969945

## 97BTX/SC8



97BTX/SC8  
T9-T10-T15-T20-T25-T27-T30-T40

1 000970164

## 97BTXL/SC8



97BTXL/SC8  
T9-T10-T15-T20-  
T25-T27-T30-T40

1 000970364

## 111E



L mm		
100	3	001110110
150	3	001110115
200	3	001110120
250	3	001110125
300	3	001110130
380	3	001110138
450	2	001110145
600	1	001110160

## 111EN



L mm		
100	3	001110410
150	3	001110415
200	3	001110420
250	3	001110425
300	3	001110430
380	3	001110438
450	2	001110445

## 111ER



L mm		
200	3	001110520
250	3	001110525
300	2	001110530

## 123/K4



123/K4 1 001230504

## 142K



mm		
6	3	001429006
7	3	001429007
8	3	001429008
9	3	001429009
10	3	001429010
11	3	001429011
12	3	001429012
13	3	001429013
14	2	001429014
15	2	001429015
16	2	001429016
17	2	001429017
18	2	001429018
19	2	001429019
21	1	001429021
22	1	001429022
24	1	001429024

## 192/S2



192/S2  
8x10/12x13 mm  
16x17/18x19 mm

1 001920070

## 195K



mm		
8x10	2	001959010
12x13	2	001959013
14x15	2	001959015
16x18	2	001959018
17x19	2	001959019

## 374K



L mm  
240 1 003749024



## 410K



Ø mm		
* 3	10	004109064
* 4	10	004109076
* 5	10	004109088
6	10	004109100
7	10	004109112
8	10	004109124
9	10	004109136
10	10	004109148

## 412K



Ø mm		
* 3	10	004129064
* 4	10	004129076
* 5	10	004129088
6	10	004129100
7	10	004129112
8	10	004129124
9	10	004129136
10	10	004129148

## 415K



Ø mm		
3	10	004159064
4	10	004159076
5	10	004159088
6	10	004159100
7	10	004159112
8	10	004159124
9	10	004159136
10	10	004159148

## 720LC/S3K



720LC/S3K 17-19-21 mm	1	007209663
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## 850MQ



L mm		
233	1	008500910

## 855P



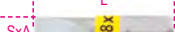
L mm		
240	1	008550010

## 860/58K



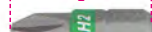
L mm		
126	1	008609884

## 860LP



SxA mm		
0,5x3	5	008600005
0,6x4,5	5	008600010
0,8x5,5	5	008600015
1x5,5	5	008600020
1,2x6,5	5	008600025

## 860PH



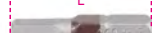
PH		
0	5	008600220
1	5	008600225
2	5	008600230
3	5	008600245
4	5	008600250

## 860PZ



PZ		
1	5	008600320
2	5	008600325
3	5	008600330
4	5	008600335

## 860PE



mm		
2	5	008600101
2,5	5	008600102
3	5	008600103
4	5	008600104
5	5	008600105
6	5	008600106
8	5	008600108
10	5	008600110

## 860TX



Ø		
T6	5	008600704
T7	5	008600705
T8	5	008600710
T9	5	008600715
T10	5	008600720
T15	5	008600725
T20	5	008600730
T25	5	008600735
T27	5	008600740
T30	5	008600745
T40	5	008600750

## 860RTX



Ø		
T9	5	008600550
T10	5	008600555
T15	5	008600560
T20	5	008600565
T25	5	008600570
T27	5	008600575
T30	5	008600580
T40	5	008600585

## 860/C27



860/C27	1	008600880
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## 861MIX/A10



861MIX/A10	1	008610800
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## 861TX/A10



861TX/A10	1	008610870
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## 861MIX/A31



861MIX/A31 1 008610802

## 862F/A7



862F/A7 1 008620950

## 900K



mm		
4	10	009009040
4,5	10	009009045
5	10	009009050
5,5	10	009009055
6	10	009009060
7	10	009009070
8	10	009009080
9	10	009009090
10	10	009009100
11	10	009009110
12	10	009009120
13	10	009009130
14	10	009009140

## 900/20LK



L mm 100 5 009009819

## 900/25K



L mm 41 5 009009830

## 900BG/30K



L mm 128 5 009009834

## 900/55



L mm 127 5 009001155

## 900/55ZK



L mm 125 3 009009882

## 900/58K



L mm 126 2 009009884

## 910AK



mm		
6	5	009109006
7	5	009109007
8	5	009109008
9	5	009109009
10	5	009109010
11	5	009109011
12	5	009109012
13	5	009109013
14	5	009109014
15	5	009109015
16	5	009109016
17	5	009109017
18	5	009109018
19	5	009109019
20	5	009109020
21	5	009109021
22	5	009109022

## 910/21K



L mm 125 5 009109822

## 910/25K



L mm 54,6 5 009109830

## 910/55



L mm 207 3 009101155

## 910/58K



L mm 222 1 009109884

## 920AK



mm		
10	10	009209010
11	10	009209011
12	10	009209012
13	10	009209013
14	10	009209014
15	10	009209015
16	10	009209016
17	10	009209017
18	10	009209018
19	10	009209019
20	5	009209020
21	5	009209021
22	5	009209022
23	5	009209023
24	5	009209024
25	5	009209025
26	5	009209026
27	5	009209027
28	5	009209028
29	5	009209029
30	5	009209030
32	5	009209032

## 920/21K



L mm 125 5 009209822

## 920/25K

12"



L mm	5	009209830
75	5	009209830

## 920/55

12"



L mm	3	009201155
271	3	009201155

## 920/58K

12"



L mm	1	009209926
281	1	009209926

## 935K



mm	5	009359105
6x7	5	009359105
8x9	5	009359111
10x11	5	009359115
12x13	5	009359117
14x15	5	009359126
16x17	5	009359128
18x19	5	009359131
20x22	3	009359138

## 937K



mm	5	009379006
6x6	5	009379006
7x7	5	009379007
8x8	5	009379008
9x9	5	009379009
10x10	5	009379010
11x11	5	009379011
12x12	5	009379012
13x13	5	009379013
14x14	5	009379014
15x15	5	009379015
16x16	5	009379016
17x17	5	009379017
18x18	5	009379018
19x19	5	009379019
20x20	5	009379020
21x21	3	009379021
22x22	3	009379022

## 943BXK



mm	5	009439005
5,5	5	009439005
6	5	009439006
7	5	009439007
8	5	009439008
10	3	009439010
13	3	009439013

## 951K



mm	5	009519521
2	5	009519521
2,5	5	009519525
3	5	009519530
3,5	5	009519535
4	5	009519540
4,5	5	009519545
5	5	009519550
6	5	009519560
8	5	009519580
10	5	009519610

## 1032K



L mm	5	010329013
140x0,9	5	010329013
140x1,3	5	010329014
180	5	010329017

## 1033K



L mm	5	010339013
140x0,9	5	010339013
140x1,3	5	010339014
180	5	010339017

## 1034K



L mm	5	010349013
130x0,9	5	010349013
130x1,3	5	010349014
170	5	010349017

## 1036K



L mm	5	010369013
140x0,9	5	010369013
140x1,3	5	010369014
175	5	010369017

## 1037K



L mm	5	010379013
140x0,9	5	010379013
140x1,3	5	010379014
175	5	010379017

## 1038K



L mm	5	010389013
135x0,9	5	010389013
135x1,3	5	010389014
175	5	010389017

## 1044NK



250	5	010449025
250	5	010449025

## 1048NK



L mm	3	010489910
175	3	010489910
250	5	010489915

## 1048VNK



L mm	3	010489111
175	3	010489111
250	5	010489116



### 1052K



L mm	Handedness	Code
140	3	010529014
190	3	010529019
240	3	010529024

### 1082K



L mm	Handedness	Code
140	5	010829004
160	5	010829006

### 1082GK



L mm	Handedness	Code
140	5	010829064
160	5	010829066

### 1082BMK



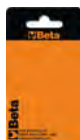
L mm	Handedness	Code
140	3	010829034
160	3	010829036

### 1082GBMK



L mm	Handedness	Code
140	3	010829264
160	3	010829266

### 1084K



L mm	Handedness	Code
160	3	010849006

### 1084GK



L mm	Handedness	Code
160	5	010849066

### 1084BMK



L mm	Handedness	Code
160	3	010849036

### 1084GBMK



L mm	Handedness	Code
160	3	010849266

### 1088K



L mm	Handedness	Code
160	2	010889006

### 1088BMK



L mm	Handedness	Code
160	2	010889036

### 1096K



L mm	Handedness	Code
200	5	010969020

### 1098K



L mm	Handedness	Code
190	5	010989190
220	5	010989220

### 1098PLK



L mm	Handedness	Code
220	5	010989320

### 1112K



L mm	Handedness	Code
200	2	011129020

### 1122K



L mm	Handedness	Code
250	2	011229020

### 1123K



L mm	Handedness	Code
250	2	011239020

### 1124K



L mm	Handedness	Code
250	2	011249020

### 1128BAX



L mm	5	011280088
150		

### 1128BMX



L mm	5	011280051
147		

### 1128BSX



L mm	5	011280061
148		

### 1128FX



L mm	5	011280090
145		

### 1128FXS



L mm	5	011280095
145		

### 1130BMX



L mm	1	011300002
185		

### 1132K



L mm	2	011329107
170		

### 1132BMK



L mm	2	011329137
170		

### 1142BMK



L mm	3	011429036
160		

### 1144T



L mm	1	011440060
112		

### 1149F



L mm	1	011490010
175		

### 1150K



L mm	5	011509046
160		
180	5	011509048
200	5	011509050
220	2	011509052

### 1150GK



L mm	5	011509066
160		
180	5	011509068
200	5	011509070
220	2	011509072

### 1150BMK



L mm	3	011509146
160		
180	3	011509148
200	3	011509150
220	2	011509152

### 1150GBMK



L mm	3	011509266
160		
180	3	011509268
200	3	011509270
220	2	011509272

### 1162K



L mm	5	011629006
160		
200	5	011629010

### 1162GK



L mm	5	011629066
160		
200	5	011629070



## 1162BMK



L mm	Hand	Part No.
160	3	011629036
200	3	011629040

## 1162GBMK



L mm	Hand	Part No.
160	3	011629266
200	3	011629270

## 1164K



L mm	Hand	Part No.
160	5	011649006
200	5	011649010

## 1164BMK



L mm	Hand	Part No.
160	3	011649036
200	3	011649040

## 1166K



L mm	Hand	Part No.
160	5	011669006
200	5	011669010

## 1166GK



L mm	Hand	Part No.
160	5	011669066
200	5	011669070

## 1166BMK



L mm	Hand	Part No.
160	3	011669036
200	3	011669040

## 1166GBMK



L mm	Hand	Part No.
160	3	011669266
200	3	011669270

## 1168K



L mm	Hand	Part No.
160	5	011689006
200	5	011689010

## 1168GK



L mm	Hand	Part No.
160	5	011689066
200	5	011689070

## 1168BMK



L mm	Hand	Part No.
160	3	011689036
200	3	011689040

## 1168GBMK



L mm	Hand	Part No.
160	3	011689266
200	3	011689270

## 1201E/K



SxAxL mm	Hand	Part No.
0,4x2,5x50	5	012019203
0,4X2,5x75	5	012019206
0,5x3x75	5	012019209
0,5x3x100	5	012019212
0,6x3,5x75	5	012019218
0,6x3,5x100	5	012019221
0,8x4x100	5	012019230
0,8x4x125	5	012019233
0,8x4X150	5	012019236
1,0x5,5x100	5	012019239
1,0x5,5X125	5	012019240
1,0x5,5x150	5	012019242
1,2x6,5x100	5	012019248
1,2x6,5x125	5	012019250
1,2x6,5x150	5	012019251
1,2x8x150	3	012019257
1,2x8X200	3	012019260
1,6x10x200	3	012019266

## 1201EN/K



SxAxL mm	Hand	Part No.
0,8x4x30	3	012019303
1,2x6,5x30	3	012019306

## 1202E/K



PHxDxL mm	Hand	Part No.
0x3x60	5	012029203
0x3X100	5	012029206
1x4,5x80	5	012029209
1x4,5x120	5	012029212
2x6x100	5	012029218
2x6x150	5	012029221
3x8x150	3	012029224
4x9,5x200	3	012029227

## 1202EN/K



PHxDxL mm	Hand	Part No.
1x4,5x30	3	012029303
2x6x30	3	012029306

## 1204E/K



SxDxL mm	Hand	Part No.
0,4x2,5x60	5	012049103
0,6x3x75	5	012049106
0,5x3x100	5	012049109
0,8x4x100	5	012049112
0,8x4x125	5	012049115
1,0x5x125	5	012049118
1,0x5x150	5	012049121
1,2x6,5x150	5	012049124

## 1207E TX/K



T5	5	012079105
T6	5	012079106
T7	5	012079107
T8	5	012079108
T9	5	012079109
T10	5	012079110
T15	5	012079115
T20	5	012079120
T25	5	012079125
T27	5	012079127
T30	5	012079130
T40	2	012079140
T45	2	012079145

## 1208E RTX/K



T9	5	012089109
T10	5	012089110
T15	5	012089115
T20	5	012089120
T25	5	012089125
T27	5	012089127
T30	5	012089130
T40	2	012089140

## 1209E PZ/K



PZ 0	5	012099200
1	5	012099203
2	5	012099206
3	3	012099209
4	3	012099212

## 1209EN-PZ/K



1	3	012099303
2	3	012099306

## 1253



SxAxL mm		
0,5x3,5x100	5	012530001

## 1254



SxAxL mm		
0,5x3x44	5	012540001

## 1260K



SxAxL mm		
0,4x2,5x50	5	012609003
0,4x2,5x75	5	012609006
0,5x3x75	5	012609009
0,5x3x100	5	012609012
0,6x3,5x75	5	012609018
0,6x3,5x100	5	012609021
0,8x4x100	5	012609030
0,8x4x125	5	012609033
0,8x4x150	5	012609036
1x5,5x100	5	012609039
1x5,5x150	5	012609042
1,5x6,5x100	5	012609048
1,2x6,5x150	5	012609051
1,2x8x150	3	012609057
1,2x8x200	3	012609060
1,6x10x200	3	012609066

## 1260NK



SxAxL mm		
0,8x4x30	5	012609103
1,2x6,5x30	5	012609106

## 1260EK



SxAxL mm		
1,2x6,5x150	3	012609156
1,2x8x175	3	012609157
1,6x10x200	2	012609159
2x12x250	2	012609162

## 1262K



PHxDxL mm		
0x3x60	5	012629003
0x3x100	5	012629006
1x4,5x80	5	012629009
1x4,5x120	5	012629012
2x6x100	5	012629018
2x6x150	5	012629021
3x8x150	3	012629024
4x10x200	3	012629027

## 1262NK



PHxDxL mm		
1x4,5x30	5	012629103
2x6x30	5	012629106

## 1262EK



PHxDxL mm		
2x6x150	3	012629153
3x8x175	3	012629156
4x10x200	3	012629159

## 1264K



SxDxL mm		
0,5x2,5x60	5	012649003
0,6x3x75	5	012649006
0,6x3x100	5	012649009
0,8x4x100	5	012649012
0,8x4x125	5	012649015
1x5x125	5	012649018
1x5x150	5	012649021
1,2x6,5x150	5	012649024

## 1267TXK



T5	5	012679005
T6	5	012679006
T7	5	012679007
T8	5	012679008
T9	5	012679009
T10	5	012679010
T15	5	012679015
T20	5	012679020
T25	5	012679025
T27	5	012679027
T30	5	012679030
T40	2	012679040
T45	2	012679045

## 1268RTXK



Beta GRIP



T	mm	mm	mm
T9	3	012689009	
T10	3	012689010	
T15	3	012689015	
T20	3	012689020	
T25	3	012689025	
T27	3	012689027	
T30	3	012689030	
T40	2	012689040	

## 1269PZK



Beta GRIP



PZ	mm	mm	mm
0	5	012699000	
1	5	012699001	
2	5	012699002	
3	3	012699003	
4	3	012699004	

## 1269N/PZK



Beta GRIP



PZ	mm	mm	mm
1	5	012699011	
2	5	012699012	

## 1290K



Betamax



SxAxL mm	mm	mm	mm
0,4x2,5x50	5	012909003	
0,4x2,5x75	5	012909006	
0,5x3x75	10	012909009	
0,5x3x100	10	012909012	
0,6x3,5x75	10	012909018	
0,6x3,5x100	10	012909021	
0,8x4x100	10	012909030	
0,8x4x125	10	012909033	
0,8x4x150	10	012909036	
1x5,5x100	10	012909039	
1x5,5x150	10	012909042	
1,2x6,5x100	10	012909048	
1,2x6,5x150	10	012909051	
1,2x8x150	3	012909057	
1,2x8x200	3	012909060	
1,6x10x200	3	012909066	

## 1290NK



Betamax



SxAxL mm	mm	mm	mm
0,8x4x30	5	012909103	
1,2x6,5x30	5	012909106	

## 1290K/INOX



Betamax INOX



SxAxL mm	mm	mm	mm
0,4x2,5x50	4	012909403	
0,5x3x75	4	012909409	
0,8x4x100	4	012909430	
1,0x5,5x150	4	012909442	
1,2x6,5x150	4	012909451	

## 1292K



Betamax



PHxDxL mm	mm	mm	mm
0x3x60	10	012929003	
0x3x100	5	012929006	
1x4,5x80	10	012929009	
1x4,5x120	10	012929012	
2x6x100	10	012929018	
2x6x150	10	012929021	
3x8x150	3	012929024	
4x10x200	3	012929027	

## 1292NK



Betamax



PHxDxL mm	mm	mm	mm
1x4,5x30	5	012929103	
2x6x30	5	012929106	

## 1292K/INOX



Betamax INOX



PHxDxL mm	mm	mm	mm
0x3x60	4	012929403	
1x4,5x80	4	012929409	
2x6x100	4	012929418	

## 1294K



Betamax



SxDxL mm	mm	mm	mm
0,5x2,5x60	5	012949003	
0,6x3x75	5	012949006	
0,8x4x100	5	012949012	
1x5x125	5	012949018	

## 1298RTXK



Betamax



T	mm	mm	mm
T9	5	012989009	
T10	5	012989010	
T15	5	012989015	
T20	5	012989020	
T25	5	012989025	
T27	5	012989027	
T30	5	012989030	
T40	2	012989040	

## 1299PZK



Betamax



PZ	mm	mm	mm
0	5	012999000	
1	5	012999003	
2	5	012999006	

## 1299N/PZK



Betamax



PZ	mm	mm	mm
1	5	012999021	
2	5	012999024	

## 1472VW



200 mm



L mm	mm	mm	mm
200	1	014720051	

## 1473P



A Max mm	1	014730020
53		

## 1497BS



L mm	1	014970190
230		

## 1497SS



L mm	1	014970195
245		

## 1497RC



1497RC	1	014970351
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## 1600Q 8



1600Q 8	1	016000008
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## 1600Q 10



1600Q 10	1	016000010
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## 1603K



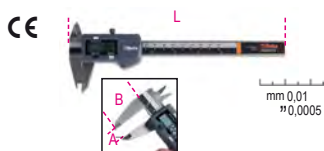
mm <sup>2</sup>	5	016039001
0+8		

## 1603BK



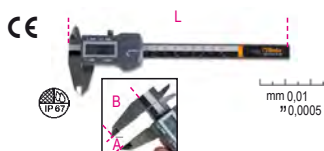
mm <sup>2</sup>	2	016039010
0+8		

## 1651DGTB



A Max mm	1	016510211
150		
200	1	016510212
300	1	016510213

## 1651DGTB/IP



A Max mm	1	016510711
150		

## 1691BM



L m	1	016910205
5		
8	1	016910208
10	1	016910210



## 1691MG



L m	1	016910405
5		
8	1	016910408
10	1	016910410

## 1692



L m	5	016920052
2		
3	5	016920053
5		
5	5	016920055
8		
5	5	016920058

## 1693



IP54



H mm	1	016930020
100		

## 1729CG



L mm	2	017290200
310		

## 1729DM 450



L mm	4	017290450
450		



### 1729J



L mm 405 4 017290400

### 1729MF



1729MF 1 017290500

### 1741U



Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741U 1 017410450

### 1741



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741 1 017410003

### 1741P



Ø mm	2,4	3	3,2	4	4,8	5
Aluminium	•	•	•	•	•	•
Steel	•	•	•	•	•	•
Stainless steel	•	•	•	•	•	•

1741P 1 017410303

### 1741TR



Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•	•	•

1741TR 1 017410410

### 1760K



CE 180 mm CAT III-1000V

1760K 1 017600140

### 1762K



Ø mm 2-2,5-3 3,5-4-4,5 2 017629001

### 1771



1771 10 017710000

### 1771BM



L mm 170 10 017710050

### 1771HD



L mm 190 5 017710100

### 1772R



L mm 125 5 017720006

### 1773A



L mm 180 10 017730000

### 1773S



L mm 190 1 017730100

### 1777BMT



L mm 170 5 017770050



## 1777T



L  
mm  
160

5 017770030

## 1778MT



L  
mm  
180

1 017780055

## 1783



L  
mm  
215

5 017830021

240 5 017830024

## 1820



1820 30  
30W  
L = 210mm

1 018200003

1820 60  
60W  
L = 220mm

1 018200006

1820 80  
80W  
L = 260mm

1 018200008

## 1822



1822 120  
120W  
LxA = 250x125 mm

1 018220012

1822 180  
180W  
LxA = 250x125mm

1 018220018

1822 320  
320W  
LxA = 250x140mm

1 018220032

## 1833XSW



L  
mm  
145

1 018330011

## 1833S



L  
mm  
150

1 018330002

## 1833M



L  
mm  
162

1 018330003

## 1833MW



L  
mm  
160

1 018330013

## 1833L



L  
mm  
196

1 018330004

## 1833XL



L  
mm  
300

1 018330005

## 1836AW



1836AW

1 018360051

## 1836B



1836B

1 018360200

## 1837F/USB



L  
mm  
460

1 018370060

# Beta

# Beta



## 1838COMPACT

CE



IP65  
IK07



L mm 120 1 018380011

## 1838PN

CE



IP65  
IK07



L mm 175 1 018380008

## 1838POCKET

CE



IP65  
IK07



L mm 98 1 018380080

## 1838SLIM

CE



IP54



L mm 307 1 018380221

## 1838SW

CE



IP65  
IK07



L mm 260 1 018380142

## 1839BRW

CE



IP20  
IK07



L mm 101 1 018390002

## 1875SP/K3

1/4



1875SP/K3 1 018750010

## 1949F2



Ø 1/4" GAS BSP



g 125 1 019490028

## 1949XS



Ø 1/4" GAS



g 20 25 019490025

## M01K



42

6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15  
- 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27  
- 30 - 32 - 36 mm

4,5 kg



M01K 1 024509001

## M63K



952

7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

3,4 kg



M63K 1 024509063

## M129K



1032 180 mm  
1034 170 mm  
1036 175 mm  
1038 175 mm  
1048N 250 mm  
1052 240 mm  
1082BM 160 mm  
1098 220 mm  
1112 250 mm  
1128BM 145 mm  
1150BM 180 mm  
1166BM 160 mm  
1168BM 160 mm

3,4 Kg



M129K 1 024509129

## M213K



1201E 2,5x50 - 3x75 - 4x100 - 5,5x125 - 6,5x150  
- 8x200 mm  
1201EN 4x30 mm  
1202E PH0x60 - PH1x80 - PH2x100 - PH3x150  
mm  
1202EN PH1X30 mm  
1207E/TX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25  
- T27 - T30 - T40 - T45  
1253 3,5x100 mm

1,8 Kg



M213K 1 024509213



# DISPLAY UNITS FOR SALES POINTS



  
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## 38/DS1

wall-mounted display  
with 75 punches



495x260x332 mm

display  
with assortment

1 000380701

n.

30	Ø 2 - 3 - 4 - 5 - 6 mm	5
31	Ø 2 - 3 - 4 - 5 - 6 - 8 - 10 mm	5
32	Ø 3 - 4 - 5 mm	5

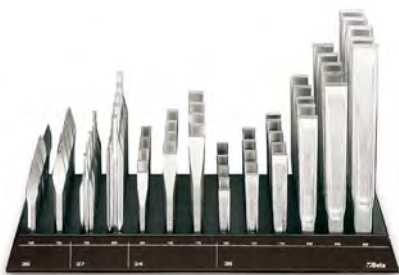
empty  
display

38/DVS1

1 000380751

## 38/DS2

wall-mounted display  
with 65 chisels



495x260x332 mm

display  
with assortment

1 000380702

n.

34	125 - 150 - 175 mm	5
35	100 - 125 - 150 - 200 - 250 - 300 mm	5
36	125 - 150 mm	5
37	150 - 200 mm	5

empty  
display

38/DVS2

1 000380752

## 942BX/DG

wall-mounted display  
with 43 hi-torque hexagon nut spinners,  
short series



330x260x332 mm

display  
with assortment

942BX/DG

1 009420701

n.

942BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty  
display

942BX/DVG

1 009420751

## 944BX/DG

wall-mounted display with 43 deep hi-torque  
hexagon nut spinners with handles, long  
series



330x260x332 mm

display  
with assortment

944BX/DG

1 009440701

n.

944BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty  
display

944BX/DVG

1 009440751

## 943BX/DG

wall-mounted display  
with 43 hi-torque hexagon nut spinners,  
long series



330x260x332 mm

display  
with assortment

943BX/DG

1 009430701

n.

943BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty  
display

943BX/DVG

1 009430751

## 943MQ/BG

wall-mounted display  
with 30 hexagon nut spinners



△ 1000 V ⊕

330x260x332 mm

display  
with assortment

943MQ/BG

1 009430281

n.

943MQ	5,5 - 6 - 7 - 8 - 10 - 13 mm	5
-------	------------------------------	---

empty  
display

943BG-MQ/DV

1 009430285

## 1203/E1P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment  
1203E/E1P 1 012031301

	n.
1201	7
0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100	
0,8x4x100 - 0,8x4x125 mm	
1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
1,2x8x150 mm	5
1202	7
PH0x3x60 mm	
PH1x4,5x80 - PH2x6x100 mm	6
PH3x8x150 mm	5

empty display  
1203E/EV1P 1 012031351

## 1203/E5P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment  
1203E/E5P 1 012031305

	n.
1202	7
PH0x3x60 mm	
PH1x4,5x80 - PH1x4,5x120	6
PH2x6x100 - PH2x6x150 mm	
PH3x8x150 mm	5
1204	7
0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	
1,0x5x125 mm	6
1209PZ	7
PZ0x3x60 mm	
PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
1203E/EV5P 1 012031355

## 1263/E78

wall-mounted display with 78 screwdrivers



495x260x310 mm

display with assortment  
1263/E78 1 012630510

1260	7
2,5x75-3x75-3,5x100 mm	
4x100-4x125-5,5x100-5,5x150-6,5x150 mm	6
8x150 mm	4
1262	7
PH0x60 mm	
PH1x80-PH2x100 mm	6
PH3x150	4

empty display  
1263/EV78 1 012630511

## 1203/E4P

wall-mounted display with 85 screwdrivers



495x260x310 mm

display with assortment  
1203E/E4P 1 012031304

	n.
1201	7
0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	
1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
1204	7
0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	
1,0x5x125 mm	6
1209PZ	7
PZ0x3x60 mm	
PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
1203E/EV4P 1 012031354

## 1203/E10P

wall-mounted display with 80 screwdrivers



495x260x310 mm

display with assortment  
1203E/E10P 1 012031310

	n.
1207TX	4
T6	
T7	3
T8	7
T9 - T10 - T15 - T20 - T25	6
T27 - T30	3
1208RTX	3
T9 - T10	
T15 - T20 - T25	6
T27 - T30	3

empty display  
1203E/EV10P 1 012031360

## 1263/E74

wall-mounted display with 74 screwdrivers



495x260x310 mm

display with assortment  
1263/E74 1 012630540

1264	7
2,5x60 mm	
3x75 mm	3
3x100 - 4x100 mm	4
4x125 - 5x150 mm	2
5x125 - 6,5x150 mm	4
1262	3
PH 8x150	
PH 3x60 - 3x100 mm	7
PH 4,5x80 - 4,5x120 mm	6
PH 6x100 mm	10
PH 6x150 mm	5

empty display  
1263/EV74 1 012630541

## 1263/E85

wall-mounted display  
with 85 screwdrivers



495x260x377 mm

display  
with assortment  
**1263/E85** 1 012630550

		n.
● 1260	2,5x50 mm	7
	2,5x75 mm	6
	3x75 - 3x100 - 3,5x100 mm	7
	4x100 - 4x125 - 5,5x125	6
	5,5x150 - 6,5x150 mm	4
	8x150 mm	4
● 1260E	10x200 mm	3
	12x250 mm	2
	4x30 - 6,5x30 mm	6

empty  
display  
**1263/EV85** 1 012630551

## 1263/E50

wall-mounted display  
with 50 screwdrivers



330x260x269 mm

display  
with assortment  
**1263/E50** 1 012630570

		n.
● 1264	2,5x60 - 3x75 - 3x100 mm	7
	4x100 - 4x125 - 5x125 - 5x150 mm	6
	6,5x150 mm	5

empty  
display  
**1263/EV50** 1 012630571

## 1263/E39

wall-mounted display  
with 39 screwdrivers



330x260x257 mm

display  
with assortment  
**1263/E39** 1 012630595

		n.
⊕ 1268RTX	T9x60 - T10x80 - T15x80 T20x100 - T25x100 mm T27x115 mm	6 4
	T30x115 mm	3
	T40x130 mm	2

empty  
display  
**1263/EV39** 1 012630596

## 1263/E70

wall-mounted display  
with 70 screwdrivers



495x260x327 mm

display  
with assortment  
**1263/E70** 1 012630560

		n.
⊕ 1262	PH0x60 - PH0x100 mm	7
	PH1x80 - PH1x120 mm	6
	PH2x100 mm	9
	PH2x150 - PH3x150 mm	5
	PH4x200 mm	4
⊕ 1262E	PH2x150 mm	5
	PH3x175 mm	4
⊕ 1262N	PH1x30 - PH2x30 mm	6

empty  
display  
**1263/EV70** 1 012630561

## 1263/E62

wall-mounted display  
with 62 screwdrivers



495x260x257 mm

display  
with assortment  
**1263/E62** 1 012630590

		n.
⊕ 1267TX	T5	5
	T6	6
	T7	5
	T8	6
	T9	5
	T10 - T15 - T20	6
	T25	5
	T27 - T30	4
	T40 - T45	2

empty  
display  
**1263/EV62** 1 012630591

## 1263/E40

wall-mounted display  
with 40 screwdrivers



330x260x327 mm

display  
with assortment  
**1263/E40** 1 012630580

		n.
⊕ 1269	PZ0x60 mm	7
	PZ1x80 mm	6
	PZ2x100 - PZ3x150 - PZ4x200 mm	5
⊕ 1269N	PZ1x30 - PZ2x30 mm	6

empty  
display  
**1263/EV40** 1 012630581

## 1273MQ/E1

wall-mounted display with 40 screwdrivers



△ 1000 V

330x260x332 mm

display  
with assortment

1 012730312

1272MQ	PH0x60 - PH1x80 mm	5
	PH2x100 mm	3
	PH3x150 mm	2
1274MQ	3x100 - 4x100 - 5,5x125 - 6,5x150 mm	5
	8x175 mm	3
	10x200 mm	2

empty  
display  
1273BG-MQ/DV

1 012730651

## 1273MQ/E4

wall-mounted display  
with 43 screwdrivers



△ 1000 V

330x260x332 mm

1273MQ/E4 1 012730315

1272MQF	4,5x80 - 6x100 mm	3
1274MQF	3,5x100 - 4,5x100 - 5,5x125 - 6,5x150 mm	3
1275MQ/C	4,5x80 - 6x100 mm	5
1276MQ/C	4,5x80 - 6x100 mm	5
1279MQ/F	4,5x80 mm	3
	6x100 mm	2

1273BG-MQ/DV4 1 012730655

## 1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display  
with assortment

1 012930701

1290	3x75 - 3,5x100 - 4x100 - 4x125 5,5x100 - 5,5x150 mm 6,5x150 mm 8x150 mm 10x200 mm	7 6 3 2
1290N	4x30 - 6,5x30 mm	3
1292	PH0x60 - PH1x80 mm PH2x100 mm PH3x150 mm	7 6 5
1292N	PH1x30 - PH2x30 mm	3

empty  
display  
1293BX/DVA

1 012930751

## 1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display  
with assortment

1 012930704

1294	2,5x60 - 3x75 - 3x100 - 4x100 4x150 - 5x125 mm 6,5x150 mm	7 6
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empty  
display  
1293BX/DVD

1 012930754

## 1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display  
with assortment

1 012930705

1299PZ	PZ0x60 - PZ1x80 mm PZ2x100 mm PZ3x150 - PZ4x200 mm	7 6 5
1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty  
display  
1293BX/DVE

1 012930755

## 1293BX/DF

wall-mounted display with 59 screwdrivers



330x260x332 mm

display  
with assortment

1 012930706

1297TX	T6 - T8 - T10 - T15 - T20 - T25 T27 - T30 T40	7 6 5
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empty  
display  
1293BX/DVF

1 012930756

## C68

Beta wall display, empty



1000x560x2200 mm

C68/1	1 m	1	068000001
C68/2	2 m	1	068000002
C68/3	3 m	1	068000003
C68/4	4 m	1	068000004
C68/5	5 m	1	068000005
C68/6	6 m	1	068000006
C68/7	7 m	1	068000007
C68/8	8 m	1	068000008
C68/9	9 m	1	068000009
C68/10	10 m	1	068000010

## C68N

Beta wall display, empty



1000x560x2200 mm

C68N/1	1 m	1	068000031
C68N/2	2 m	1	068000032
C68N/3	3 m	1	068000033
C68N/4	4 m	1	068000034
C68N/5	5 m	1	068000035
C68N/6	6 m	1	068000036
C68N/7	7 m	1	068000037
C68N/8	8 m	1	068000038
C68N/9	9 m	1	068000039
C68N/10	10 m	1	068000040

## C68 G

"gondola" display



1000x1120x1600 mm

C68G/1	1 m	1	068000051
C68G/2	2 m	1	068000052
C68G/3	3 m	1	068000053
C68G/4	4 m	1	068000054

## C88 R/1

Robur wall display, empty



1000x560x2200 mm

C88R/1	1 m	1	088000001
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## C88NR/1

Robur wall display, empty



1000x560x2200 mm

C88NR/1	1 m	1	088000031
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## C88VE

display tray for display walls C88

suitable for housing coils of chains item 8120



C88VE	1	088000120
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## C88SE

display tray for Genovese chain reels



C88SE	1700x600x600 mm	1	088000130
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## 6888

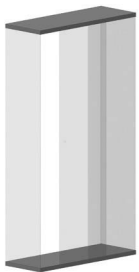
hooks for displays C60 - C61 - C68 - C88



6888S1	10	068880011
6888S2	10	068880012
6888D1	5	068880021
6888D2	5	068880022
6888D4	5	068880024
6888D5	5	068880025
6888T1	5	068880031
6888T2	5	068880032
6888CT	1	068880044
6888B	1	068880100
6888GA	3	068880120
6888S-1/4	1	068880605
6888S-3/8	1	068880610

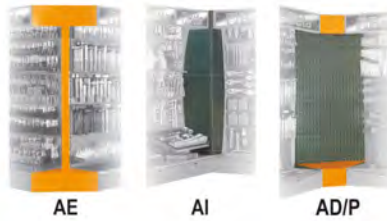
## 6800 VE

showcase for wall displays C68 and C68 R/1

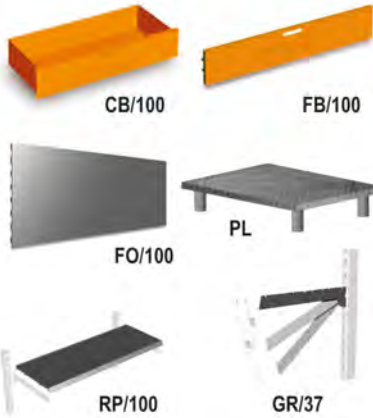


6800VE/1	1 m	1	068000401
6800VE/2	2 m	1	068000402
6800VE/3	3 m	1	068000403
6800VE/4	4 m	1	068000404
6800VE/5	5 m	1	068000405

## ACCESSORIES



6800AE	1	068000145
6800AI	1	068000140
6800AD/P	1	068000143



6800CB/100	1	068000104
6800FB/100	1	068000109
6800FO/100	1	068000108
6800PL	1	068000137
6800RP/100	1	068000150
6800GR/37	1	068000159



6800PM/40	1	068000171
6800PM/80	1	068000172

## 6600 M/14

assortment of 154 tools, with hooks without panel



6600 M/14	1	066000014
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## 6600 M/22

assortment of 108 tools, with hooks without panel



6600 M/22	1	066000022
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## 6600 M/27

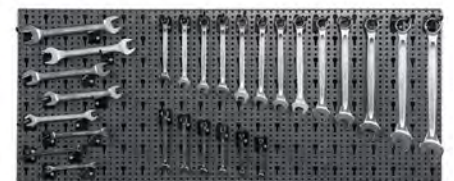
assortment of 25 tools, with hooks without panel



6600 M/27	1	066000027
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## 6600 M/29

assortment of 173 tools, with hooks without panel



6600 M/29	1	066000029
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## 6600 M/33

assortment of 37 tools, with hooks without panel



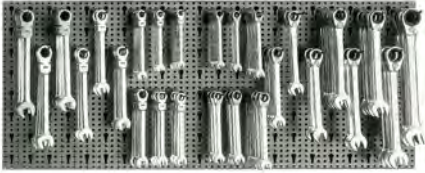
6600 M/33	1	066000033
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### 6600 M/40

assortment of 100 tools,  
with hooks without panel



6600 M/40



### 6600 M/51

assortment of 257 tools  
with hooks without panel



6600 M/51



### 6600 M/61

assortment of 71 tools,  
with hooks without panel



6600 M/61



### 6600 M/42

assortment of 65 tools,  
with hooks without panel



6600 M/42



### 6600 M/52

assortment of 176 tools  
with hooks without panel

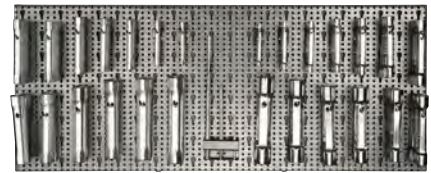


6600 M/52



### 6600 M/63

assortment of 110 tools  
with hooks without panel

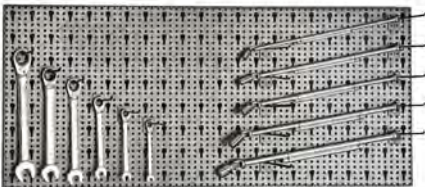


6600 M/63



### 6600 M/44

assortment of 48 tools,  
with hooks without panel



6600 M/44



### 6600 M/58

assortment of 150 tools  
with hooks without panel



6600 M/58



### 6600 M/73

assortment of 68 tools  
with hooks without panel



6600 M/73



### 6600 M/47

assortment of 65 tools,  
with hooks without panel



6600 M/47



### 6600 M/59

assortment of 220 tools,  
with hooks without panel



6600 M/59



### 6600 M/112

assortment of 329 tools,  
with hooks without panel



6600 M/112



### 6600 M/116

assortment of 306 tools,  
with hooks without panel



6600 M/116 1 066000116

### 6600 M/120

assortment of 163 tools,  
with hooks without panel



6600 M/120 1 066000120

### 6600 M/125

assortment of 133 tools,  
with hooks without panel



6600 M/125 1 066000125

### 6600 M/126

assortment of 58 tools,  
with hooks without panel



6600 M/126 1 066000126

### 6600 M/131

assortment of 92 tools,  
with hooks without panel



6600 M/131 1 066000131

### 6600 M/174

assortment of 13 tools, with hooks without  
panel



6600 M/174 1 066000174

### 6600 M/217

assortment of 74 tools,  
with hooks without panel



6600 M/217 1 066000217

### 6600 M/218

assortment of 58 tools,  
with hooks without panel



6600 M/218 1 066000218

### 6600 M/223

assortment of 58 tools,  
with hooks without panel



6600 M/223 1 066000223

### 6600 M/230

assortment of 78 tools,  
with hooks without panel



6600 M/230 1 066000230

### 6600 M/236

assortment of 31 tools,  
with hooks without panel



6600 M/236 1 066000236

### 6600 M/241

assortment of 43 tools,  
with hooks without panel



6600 M/241 1 066000241

INDUSTRIAL  
FINISHING

INDUSTRIAL  
FINISHING

### 6600 M/242

assortment of 91 tools,  
with hooks without panel



6600 M/242



1 066000242

### 6600 M/326

assortment of 155 tools,  
with hooks without panel



6600 M/326



1 066000326

### 6600 M/380

assortment of 71 tools,  
with hooks without panel



6600 M/380



1 066000380

### 6600 M/253

assortment of 60 tools,  
with hooks without panel



6600 M/253



1 066000253

### 6600 M/327

assortment of 101 tools,  
with hooks without panel



6600 M/327



1 066000327

### 6600 M/406

assortment of 107 tools,  
with hooks without panel



6600 M/406



1 066000406

### 6600 M/315

assortment of 149 tools,  
with hooks without panel



6600 M/315



1 066000315

### 6600 M/330

assortment of 110 tools,  
with hooks without panel



6600 M/330



1 066000330

### 6600 M/417

assortment of 43 tools,  
with hooks without panel



6600 M/417



1 066000417

### 6600 M/320

assortment of 98 tools,  
with hooks without panel



6600 M/320



1 066000320

### 6600 M/371

assortment of 162 tools,  
with hooks without panel



6600 M/371



1 066000371

### 6600 M/427

assortment of 24 tools,  
with hooks without panel



6600 M/427



1 066000427

### 6600 M/430

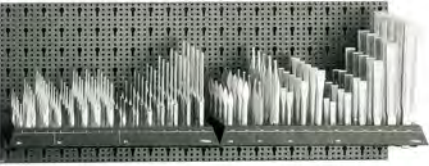
assortment of 29 tools,  
with hooks without panel



6600 M/430 1 066000430

### 6600 M/440

assortment of 140 tools,  
with hooks without panel



6600 M/440 1 066000440

### 6600 M/456

assortment of 41 tools,  
with hooks without panel



6600 M/456 1 066000456

### 6600 M/465

assortment of 36 tools, with hooks without  
panel



6600 M/465 1 066000465

### 6600 M/480

assortment of 18 tools,  
with hooks without panel



6600 M/480 1 066000480

### 6600 M/485

assortment of 12 tools,  
with hooks without panel



6600 M/485 1 066000485

### 6600 M/510

assortment of 16 tools,  
with hooks without panel



6600 M/510 1 066000510

### 6600 M/532

assortment of 24 tools  
with hooks without panel



6600 M/532 1 066000532

### 6600 M/534

assortment of 51 tools,  
with hooks without panel



6600 M/534 1 066000534

### 6600 M/542

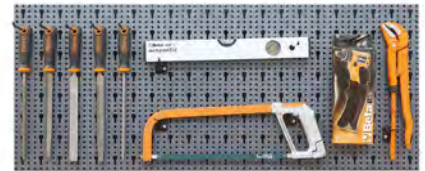
assortment of 53 tools,  
with hooks without panel



6600 M/542 1 066000542

### 6600 M/548

assortment of 37 tools,  
with hooks without panel



6600 M/548 1 066000548

### 6600 M/555

assortment of 28 tools,  
with hooks without panel



6600 M/555 1 066000555

### 6600 M/561

assortment of 60 tools,  
with hooks without panel



6600 M/561



### 6600 M/589

assortment of 31 tools,  
with hooks without panel



6600 M/589



### 6600 M/657

assortment of 17 tools,  
with hooks without panel



6600 M/657



### 6600 M/565

assortment of 90 tools,  
with hooks without panel



6600 M/565



### 6600 M/592

assortment of 40 tools,  
with hooks without panel

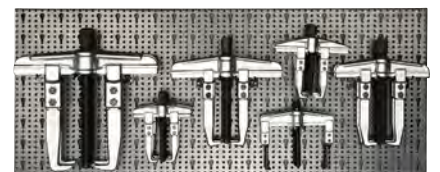


6600 M/592



### 6600 M/658

assortment of 14 tools  
with hooks without panel



6600 M/658



### 6600 M/566

assortment of 90 tools,  
with hooks without panel



6600 M/566



### 6600 M/643

assortment of 90 tools,  
with hooks without panel



6600 M/643



### 6600 M/716

assortment of 64 tools,  
with hooks without panel



6600 M/716



### 6600 M/567

assortment of 90 tools,  
with hooks without panel



6600 M/567



### 6600 M/650

assortment of 28 tools,  
with hooks without panel



6600 M/650





### 8600 R/11

assortment of 374 wire rope accessories, with hooks without panel

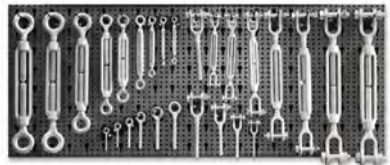


8600 R/11

1 086000011

### 8600 R/12

assortment of 259 wire rope accessories, with hooks without panel



8600 R/12

1 086000012

### 8600 R/13

assortment of 230 wire rope accessories, with hooks without panel



8600 R/13

1 086000013

### 8600 R/113

assortment of 1862 wire rope accessories, with hooks without panel



8600 R/113

1 086000113

### 8600 R/114

assortment of 1045 wire rope accessories, with hooks without panel



8600 R/114

1 086000114

### 8600 R/225

assortment of 64 GRADE 8 accessories, with hooks without panel

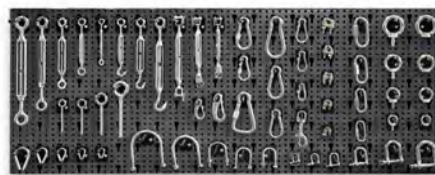


8600 R/225

1 086000225

### 8600 R/412

assortment of 348 STAINLESS STEEL wire rope accessories, with hooks without panel



8600 R/412

1 086000412



### 8600 R/511

assortment of 11 Genovese chain reels, with display tray



8600 R/511

1 086000511

### 8600 R/601

assortment of 50 tie down ratchets with grids, shelf and hooks, without panel



8600 R/601  
C88/R601

1 086000601  
1 088000160

### 8600 R/602

assortment of 24 wire rope accessories, with grids, shelf and hooks, without panel

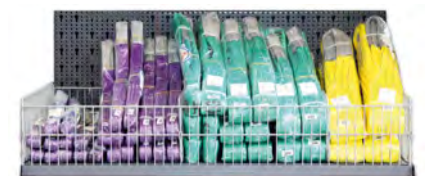


8600 R/602

1 086000602

### 8600 R/611

assortment of 52 webslings with grids, without panel



8600 R/611  
C88/R611

1 086000611  
1 088000161



# SAFETY FOOTWEAR



With penetration-proof insole



With toe cap



Antistatic footwear



Energy absorption of seat region



Oil, hydrocarbon and solvent proof outsole



Antislip outsole



Repeated bending resistance > 60,000



Contact heat resistant outsole (300 °C/min.)



Nonmagnetic footwear, totally free from metal parts



Footwear developed to ensure constant dissipation of electrostatic charges from the wearer's body to the ground



Wide body footwear (11) for improved comfort



Footwear developed to provide cold insulation (-20 °C)



## WARNINGS

Before use make, sure that the footwear meets your use requirements and has a proper protection class, according to type and workplace. The footwear manufactured by Beta Utensili complies with current EUROPEAN STANDARDS.

The employer shall ensure that suitable personal protective equipment is provided to the employees who may be exposed to a risk (characteristics and category of PPE)

## OBSOLESCENCE

Because of the numerous factors involved (humidity during storage and structural changes in materials in time), the exact storage life of the shoe cannot be determined. Generally speaking, footwear made entirely of polyurethane or with polyurethane outsoles has an expected maximum life of three years from the manufacturing date. Footwear made entirely of PVC has an expected life of five years from the manufacturing date; whereas footwear with leather uppers and footwear made from rubber, thermoplastic material and EVA has an expected maximum life of ten years from the manufacturing date. Such periods apply to new footwear, packed and stored under controlled conditions – that is, avoiding abrupt changes in temperature and relative humidity.

## EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2011 - EN ISO 20347:2012

### COMPLIANCE WITH EN ISO 20345:2011

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2011 is marked "S" (= Safety), with toe caps resistant to an impact of 200 Joules.

### COMPLIANCE WITH EN ISO 20347:2012

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2012 is marked "O" (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:2011, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

## EUROPEAN STANDARDS AND MEANINGS EN ISO 20345:2022 - EN ISO 20347:2022

### COMPLIANCE WITH EN ISO 20345:2022

This standard specifies basic and additional (optional) requirements for Safety Footwear for general purpose. Footwear according to EN ISO 20345:2022 is marked "S" (= Safety), with toe caps resistant to an impact of 200 Joules.

### COMPLIANCE WITH EN ISO 20347:2022

This standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression). Footwear according to EN ISO 20347:2022 is marked "O" (= Occupational). It shares quite the same characteristics as the above footwear, although neither toe caps nor penetration-proof insoles are required.

As well as the basic requirements under EN ISO 20345:202, footwear may also meet some additional requirements, which must be identified with symbols or classes and stated on the label applied to the tongue of the footwear.

## Information for footwear with perforation resistant inserts

The perforation resistance of this shoe was tested in the lab, by using standardised nails and force. Nails smaller in diameter and higher static or dynamic loads are associated with a higher risk of perforation. Under such circumstances, additional preventive measures must be considered. PPE footwear is currently available with three different types of perforation resistant inserts. These may be either metallic or non-metallic inserts and must be chosen on the basis of the risks associated with the type of work. All of the three types of inserts provide protection against the risk of perforation; nevertheless, each has different advantages or disadvantages, including the following:

- **Metallic perforation resistant insert:** perforation resistance is less affected by the shape of the sharp object (e.g. diameter, geometry, pointed shape), but it does not cover the whole surface of the lower part of the shoe, due to limitations in the dimensions required for the production of footwear.
- **Non-metallic perforation resistant insert :** it is light, flexible and provides a large coverage area compared to a metallic one, but perforation resistance may vary to a larger extent, depending on the shape of the sharp object (e.g. diameter, geometry, pointed shape).  
Type PS provides greater protection against objects smaller in diameter than type PL.



# EN ISO 20345:2011 - EN ISO 20347:2012

## BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

### FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear:** All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

### BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; construction performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2011				EN ISO 20347:2012				EN ISO 20345:2011		EN ISO 20347:2012		MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	OB	O1	O2	O3	S4	S5	O4	O5	
	Closed seat region	0	X	X	X	0	X	X	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	-	-	-	-	X	X	-	-	
<b>A</b>	Antistatic footwear	0	X	X	X	0	X	X	X	X	X	X	X	Electrical resistance >100 kΩ, ≤1000 MΩ
<b>E</b>	Energy absorption of seat region	0	X	X	X	0	X	X	X	X	X	X	X	> 20 Joules
<b>WRU</b>	Water penetration and resistance of upper	0	-	X	X	0	-	X	X	-	-	-	-	Penetration: <0.2 g x 60 min Absorption: < 30% x 60 min.
<b>P</b>	Penetration resistance of outsole	0	0	-	X	0	0	-	X	0	X	0	X	> 1100 N
<b>CI</b>	Cold insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. decrease of inner surface of sole: < 10° C
<b>HI</b>	Heat insulation	0	0	0	0	0	0	0	0	0	0	0	0	Temp. increase of inner surface of sole: < 22° C
<b>HRO</b>	Heat resistance of outsole	0	0	0	0	0	0	0	0	0	0	0	0	Resistant up to 300°
<b>WR</b>	Water resistance	0	0	0	0	0	0	0	0	-	-	-	-	Absorption: < 3 cm <sup>2</sup>
<b>FO</b>	Resistance to hydrocarbons	0	X	X	X	0	0	0	0	X	X	0	0	Volume increase of sole sample < 12 %
<b>SRC</b>	Slip resistance of outsole	X	X	X	X	X	X	X	X					<b>SRA + SRB</b> requirement

<b>X</b>	<b>Mandatory</b> requirement for protection class
<b>O</b>	<b>Optional</b> requirement added to mandatory ones, if marked on marking
<b>-</b>	<b>Not mandatory</b> requirement, check footwear stamping

### Antistatic footwear:

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

### Insulating footwear:

Insulating footwear provide electrical protection against accidental contacts with voltages up to 1000 V, provided that usage conditions are such as not to modify or alter electrical resistance under the influence of humidity. It should be pointed out that electrical resistance only refers to the bottom, and not to the upper, of the footwear.

Electrical classes for footwear:

Class 00 500V CA or 750V CC

Class 0 1000V CA or 1500V CC

### Dissipative footwear for EPA environments:

Dissipative footwear, which is specially designed for EPA (ESDS) environments, allows electrostatic charges to be dissipated from the wearer's body in a continuous and controlled way, so as to protect electronic components and devices from electrostatic phenomena. The reference value of ground resistance according to CEI EN 61340-5-1: 2016, for wearer/footwear/floor, is <1 × 10<sup>9</sup> Ω.



# EN ISO 20345:2022 - EN ISO 20347:2022

## BASIC REQUIREMENTS + ADDITIONAL REQUIREMENTS FOR FOOTWEAR

### FOOTWEAR CLASSIFICATION

- **Class I:** Footwear made from leather and other materials, excluding all-rubber and all-polymeric footwear.
- **Class II footwear:** All-rubber footwear (i.e. entirely vulcanised) or all-polymeric (i.e. entirely moulded).

### BASIC REQUIREMENTS

- **Whole footwear:** height of upper; heel area; constructional performance of outsole (construction and upper/outsole bond strength); toe protection and toe cap properties (except for footwear under EN ISO 20347), slip resistance.
- **Upper:** properties of materials of upper, lining, tongue, insole/insock (tear strength, abrasion resistance, tensile properties, water vapour permeability, pH, insole/footbed absorption and deabsorption).
- **Outsole:** construction and tear strength, abrasion resistance, flexing resistance, resistance to hydrolysis, interlayer bond strength and resistance to hydrocarbon oils

PROTECTION CLASS		EN ISO 20345:2022										EN ISO 20347:2022						MINIMUM REQUIRED VALUES
		SB	S1	S2	S3	S3L	S3S	S6	S7	S7L	S7S	OB	O1	O2	O3	O3L	O3S	
	Class	I o II	I	I	I	I	I	I	I	I	I	I o II	I	I	I	I	I	
	Closed seat region	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	
	Toe cap resistant to an impact of 200 Joules	X	X	X	X	X	X	X	X	X	X	-	-	-	-	-	-	
	Cleated outsole	0	0	0	X	X	X	0	X	X	X	0	0	0	X	X	X	
<b>P</b>	Perforation resistance (metallic insert P) *	0	0	0	X	-	-	0	X	-	-	0	0	0	X	-	-	Perforation force ≥ 1100N
<b>PL</b>	Perforation resistance (non-metallic insert, test with nail, Ø 4.5 mm)	0	0	0	-	X	-	0	-	X	-	0	0	0	-	X	-	
<b>PS</b>	Perforation resistance (non-metallic insert, test with nail, Ø 3.0 mm)	0	0	0	-	-	X	0	-	-	X	0	0	0	-	-	X	
<b>A</b>	Antistatic footwear	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	Electrical resistance > 100 kΩ ≤ 1000 kΩ
<b>HI</b>	Heat insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature increase ≤ 22 °C when placed on a plate at a temperature of 150 °C for 30'
<b>CI</b>	Cold insulation of insole complex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Temperature decrease ≤ 10 °C in an environment at -17 °C for 30'
<b>E</b>	Energy absorption in heel area	0	X	X	X	X	X	X	X	X	X	0	X	X	X	X	X	> 20 Joules
<b>WR</b>	Water resistance	0	0	0	0	0	0	X	X	X	X	0	0	0	0	0	0	No water penetration
<b>SC</b>	Abrasion resistance of scuff cap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	No hole throughout thickness after 8,000 cycles
<b>SR</b>	Slip resistance on ceramic floor with glycerin	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Test on ceramic floor with glycerin.
<b>WPA</b>	Water penetration and absorption	0	0	X	X	X	X	-	-	-	-	0	0	X	X	X	X	H2O absorption after 60' ≤ 30%
<b>HRO</b>	Resistance to hot contact	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Contact at 300 °C for 60" - Does not melt
<b>FO</b>	Resistance to hydrocarbons	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Volume increase of sole sample < 12 %
<b>LG</b>	Ladder grip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Width of central outsole area > 35 mm

<b>X</b>	<b>Mandatory</b> requirement for protection class
<b>O</b>	<b>Optional</b> requirement added to mandatory ones, if marked on marking
<b>-</b>	<b>Not mandatory</b> requirement, check footwear stamping

### Partially conductive footwear

Partially conductive footwear should be used if it is necessary to minimize electrostatic charges in the shortest possible time, e.g. when handling explosives.

Electrically conductive footwear should not be used if the risk of shock from any electrical apparatus or live parts with alternating or direct voltage has not been completely eliminated. In order to ensure that this footwear is partially conductive, it has been specified to have an upper limit of resistance of 100 kΩ in its new state

### Antistatic footwear

Antistatic footwear must be used when there is the need to minimize the accumulation of electrostatic charges, so as to rule out the danger of combustion of flammable substances and vapours and in case the risk of electric shocks from live parts should persist. Antistatic footwear does not provide protection against electric shock, as it only creates an electrical resistance between the floor and the foot. If the danger of electric shock cannot be completely ruled out, additional precautions must be taken as part of a periodic plan for accident prevention in the workplace. For antistatic requirements to be met, the footwear must not be modified.

**NB** The certificates of the footwear certified in accordance with old standards will be effective until the expiration thereof.

**EN ISO 20345:2011 S1P SR / S1PS SR**

LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS					📄	
					ADDITIONAL REQUIREMENTS	AUTOMOTIVE	BUILDING	ELECTRICITY	INDUSTRY		SERVICE LOGISTICS
<b>NEW BASIC</b> 	7246NB	FO			X	X		X	X	X	631
	7247NB	FO			X	X		X	X	X	631
	7248NB	FO RS			X	X		X		X	632
<b>fitEVOLUTION</b> 	7270Y	FO ESD	X	X	X	X	X	X	X	X	643
	7271V	FO ESD	X	X	X	X	X	X	X	X	643
	7272V	FO ESD	X	X	X	X	X	X	X	X	644
<b>RENEGADE</b> 	7340VA	HRO FO	X	X	X		X	X	X	X	645
	7340G	HRO FO	X	X	X		X	X	X	X	645
	7341V	HRO FO	X	X	X		X	X	X	X	646
	7341Y	HRO FO	X	X	X		X	X	X	X	646
<b>0-GRAVITY</b> 	7371V	HRO FO ESD	X	X	X		X	X	X	X	642

**EN ISO 20345:2011 S1P SRC**

<b>FLEX</b> 	7212G	ESD		X	X		X	X	X	X	635
	7212B	ESD		X	X		X	X	X	X	634
	7213G	ESD		X	X		X	X	X	X	635
<b>EASY PLUS</b> 	7222PEK			X	X	X	X	X	X	X	633
	7223PEK			X	X	X	X	X	X	X	634
<b>EASY</b> 	7246E						X		X	X	629
<b>ACTIVE</b> 	7316NB	ESD		X	X	X	X	X	X	X	637
	7316NG	ESD		X	X	X	X	X	X	X	637
	7317NA			X	X	X	X	X	X	X	637
<b>0-GRAVITY</b> 	7352B	HRO		X	X		X	X	X	X	639
	7352G	HRO ESD	X	X	X		X	X	X	X	639
	7352LG	HRO			X		X	X	X	X	639
	7372B	HRO	X	X	X		X	X	X	X	642
	7376A	HRO	X	X	X		X	X	X	X	642

**EN ISO 20347:2012 02 SRC**

<b>NEW BASIC</b> 	7241NFT	FO			X	X			X	631
	7243NFT	FO RS			X	X			X	631

**EN ISO 20347:2012 01 / 02 SRC**

<b>0-GRAVITY</b> 	7362B	FO HRO		X	X		X	X		641
	7363N	FO HRO		X	X		X	X		641


**EN ISO 20345:2022 S3 SR / S3S SR**

LINE	ITEM	REQUIREMENTS			RECOMMENDED SECTORS						📄	
					ADDITIONAL REQUIREMENTS	AGRICULTURE	AUTOMOTIVE	BUILDING	INDUSTRY	ELECTRICITY		SERVICE LOGISTICS
<b>NEW BASIC</b> 	7241NC	FO			X	X	X	X		X	X	630
	7243NC	FO RS			X	X	X	X			X	631
	7245NB	FO RS			X	X	X	X			X	638
<b>fitEVOLUTION</b> 	7273G	FO ESD	X	X		X	X	X	X	X	X	644
	7274G	FO ESD	X	X		X	X	X	X	X	X	644
	7275N	FO ESD	X	X		X	X	X	X	X	X	644
	7276N	FO ESD	X	X		X	X	X	X	X	X	645
<b>RENEGADE</b> 	7342N	HRO FO	X	X		X	X	X	X	X	X	646
	7343N	HRO FO	X	X		X	X	X	X	X	X	646

**EN ISO 20345:2011 S3 SRC**

<b>FLEX</b> 	7214FN			X		X	X	X	X	X	635	
	7214G	ESD		X		X	X	X	X	X	636	
	7215FN			X		X	X	X	X	X	636	
	7218FN	RS		X		X	X	X	X	X	636	
	7218G	RS ESD		X		X	X	X	X	X	636	
<b>EASY PLUS</b> 	7220PEK			X		X	X	X	X	X	633	
	7221PEK	RS		X		X	X	X	X	X	633	
<b>EASY</b> 	7241EN					X	X	X	X	X	629	
	7243EN	RS				X	X	X		X	629	
<b>HEAVY DUTY</b> 	7293HM	HRO HI	X		X	X				X	X	647
	7294HM	HRO HI	X		X	X				X	X	647
	7294HMC	HRO HI CI WR	X		X	X				X	X	647
<b>ACTIVE</b> 	7320NA			X		X	X	X	X	X	X	638
	7321NA	RS		X		X	X	X	X	X	X	638
	7322SA			X		X	X	X	X	X	X	638
	7323SA	RS		X		X	X	X	X	X	X	668
<b>0-GRAVITY</b> 	7354N	HRO		X		X	X	X	X	X	X	640
	7356G	HRO		X		X	X	X	X	X	X	640
	7356V	HRO		X		X	X	X	X	X	X	640
	7356LN	HRO		X		X	X	X	X	X	X	640
	7357G	HRO		X		X	X	X	X	X	X	641
	7357V	HRO		X		X	X	X	X	X	X	641
	7381N	HRO WR	X	X	X	X	X	X	X	X	X	642
	7382N	HRO WR	X	X	X	X	X	X	X	X	X	643

**EN ISO 20345:2011 S5 SRC**

<b>BASIC</b> 	7328A				X	X	X			X	X	632
	7328N				X	X	X			X	X	632



**7241EN**

leather shoe, water-repellent

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm	Hand	Foot	Code
35	2,5	230			1 072410835
36	3,5	237			1 072410836
37	4,5	244			1 072410837
38	5	250			1 072410838
39	6	257			1 072410839
40	6,5	264			1 072410840
41	7	270			1 072410841
42	8	277			1 072410842
43	9	284			1 072410843
44	10	290			1 072410844
45	10,5	297			1 072410845
46	11	304			1 072410846
47	12	310			1 072410847
48	13	317			1 072410848



CE

S3 SRC

**EN ISO 20345 2011**



**7243EN**

leather ankle shoe, water-repellent, with quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm	Hand	Foot	Code
35	2,5	230			1 072430835
36	3,5	237			1 072430836
37	4,5	244			1 072430837
38	5	250			1 072430838
39	6	257			1 072430839
40	6,5	264			1 072430840
41	7	270			1 072430841
42	8	277			1 072430842
43	9	284			1 072430843
44	10	290			1 072430844
45	10,5	297			1 072430845
46	11	304			1 072430846
47	12	310			1 072430847
48	13	317			1 072430848



CE

S3 RS SRC

**EN ISO 20345 2011**



**7246E**

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm	Hand	Foot	Code
35	2,5	230			1 072460435
36	3,5	237			1 072460436
37	4,5	244			1 072460437
38	5	250			1 072460438
39	6	257			1 072460439
40	6,5	264			1 072460440
41	7	270			1 072460441
42	8	277			1 072460442
43	9	284			1 072460443
44	10	290			1 072460444
45	10,5	297			1 072460445
46	11	304			1 072460446
47	12	310			1 072460447
48	13	317			1 072460448



CE

S1P SRC

**EN ISO 20345 2011**





**7241NC**

leather shoe, water-repellent

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm	EU	UK	mm
35	2,5	228	1	072411635	
36	3,5	235	1	072411636	
37	4,5	242	1	072411637	
38	5	248	1	072411638	
39	6	255	1	072411639	
40	6,5	262	1	072411640	
41	7	268	1	072411641	
42	8	275	1	072411642	
43	9	282	1	072411643	
44	10	288	1	072411644	
45	10,5	295	1	072411645	
46	11	302	1	072411646	
47	12	308	1	072411647	
48	13	315	1	072411648	



CE

S3 FO SR

**EN ISO 20345 2022**



**7241NFT**

leather occupational shoe, water-repellent

- Without toe cap
- Without penetration-proof insole

EU	UK	mm	EU	UK	mm
35	2,5	228	1	072410735	
36	3,5	235	1	072410736	
37	4,5	242	1	072410737	
38	5	248	1	072410738	
39	6	255	1	072410739	
40	6,5	262	1	072410740	
41	7	268	1	072410741	
42	8	275	1	072410742	
43	9	282	1	072410743	
44	10	288	1	072410744	
45	10,5	295	1	072410745	
46	11	302	1	072410746	
47	12	308	1	072410747	
48	13	315	1	072410748	



CE

O2 FO SR

**EN ISO 20347 2022**



**7243NC**

leather ankle shoe, water-repellent, with quick opening system

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm	EU	UK	mm
35	2,5	228	1	072431635	
36	3,5	235	1	072431636	
37	4,5	242	1	072431637	
38	5	248	1	072431638	
39	6	255	1	072431639	
40	6,5	262	1	072431640	
41	7	268	1	072431641	
42	8	275	1	072431642	
43	9	282	1	072431643	
44	10	288	1	072431644	
45	10,5	295	1	072431645	
46	11	302	1	072431646	
47	12	308	1	072431647	
48	13	315	1	072431648	



CE

S3 FO SR RS

**EN ISO 20345 2022**



## 7243NFT

leather occupational ankle shoe, water-repellent, with quick opening system

- Without toe cap
- Without penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072430535
36	3,5	235	1 072430536
37	4,5	242	1 072430537
38	5	248	1 072430538
39	6	255	1 072430539
40	6,5	262	1 072430540
41	7	268	1 072430541
42	8	275	1 072430542
43	9	282	1 072430543
44	10	288	1 072430544
45	10,5	295	1 072430545
46	11	302	1 072430546
47	12	308	1 072430547
48	13	315	1 072430548

CE



O2 FO SR RS

EN ISO  
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2022



## 7245NB

leather ankle shoe, water-repellent, with quick opening system and front protection with strap closure

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072451635
36	3,5	235	1 072451636
37	4,5	242	1 072451637
38	5	248	1 072451638
39	6	255	1 072451639
40	6,5	262	1 072451640
41	7	268	1 072451641
42	8	275	1 072451642
43	9	282	1 072451643
44	10	288	1 072451644
45	10,5	295	1 072451645
46	11	302	1 072451646
47	12	308	1 072451647
48	13	315	1 072451648

CE



S3 FO SR RS

EN ISO  
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## 7246NB

suede shoe, perforated

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072461635
36	3,5	235	1 072461636
37	4,5	242	1 072461637
38	5	248	1 072461638
39	6	255	1 072461639
40	6,5	262	1 072461640
41	7	268	1 072461641
42	8	275	1 072461642
43	9	282	1 072461643
44	10	288	1 072461644
45	10,5	295	1 072461645
46	11	302	1 072461646
47	12	308	1 072461647
48	13	315	1 072461648

CE



S1P FO SR

EN ISO  
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## 7247NB

leather sandal

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072470635
36	3,5	235	1 072470636
37	4,5	242	1 072470637
38	5	248	1 072470638
39	6	255	1 072470639
40	6,5	262	1 072470640
41	7	268	1 072470641
42	8	275	1 072470642
43	9	282	1 072470643
44	10	288	1 072470644
45	10,5	295	1 072470645
46	11	302	1 072470646
47	12	308	1 072470647
48	13	315	1 072470648

CE



S1P FO SR

EN ISO  
20345  
2022



## 7248NB

suede ankle shoe,  
with quick opening system

- Steel toe cap
- Steel penetration-proof insole

EU	UK	mm		
35	2,5	228	1	072481635
36	3,5	235	1	072481636
37	4,5	242	1	072481637
38	5	248	1	072481638
39	6	255	1	072481639
40	6,5	262	1	072481640
41	7	268	1	072481641
42	8	275	1	072481642
43	9	282	1	072481643
44	10	288	1	072481644
45	10,5	295	1	072481645
46	11	302	1	072481646
47	12	308	1	072481647
48	13	315	1	072481648

CE



S1P FO SR RS

EN ISO  
20345  
2022



## 7328A

"top visibility" safety boot made from nitrile PVC. With  
self-cleaning anti-slip tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm		
38	5	253	1	073280638
39	6	260	1	073280639
40	6,5	267	1	073280640
41	7	273	1	073280641
42	8	280	1	073280642
43	9	287	1	073280643
44	10	293	1	073280644
45	10,5	300	1	073280645
46	11	307	1	073280646
47	12	313	1	073280647

CE



S5 SRC

EN ISO  
20345  
2011



## 7328N

safety boot made from nitrile PVC. With self-cleaning anti-slip  
tread.

- Steel toe cap
- Elastic steel penetration proof insole

EU	UK	mm		
38	5	253	1	073280838
39	6	260	1	073280839
40	6,5	267	1	073280840
41	7	273	1	073280841
42	8	280	1	073280842
43	9	287	1	073280843
44	10	293	1	073280844
45	10,5	300	1	073280845
46	11	307	1	073280846
47	12	313	1	073280847

CE



S5 SRC

EN ISO  
20345  
2011







## 7220PEK

leather shoe, water-repellent, with nylon inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

SUBJECT TO AVAILABILITY

EU	UK	mm	W	L
35	2,5	228		1 072200235
36	3,5	235		1 072200236
37	4,5	242		1 072200237
38	5	248		1 072200238
39	6	255		1 072200239
40	6,5	262		1 072200240
41	7	268		1 072200241
42	8	275		1 072200242
43	9	282		1 072200243
44	10	288		1 072200244
45	10,5	295		1 072200245
46	11	302		1 072200246
47	12	308		1 072200247
48	13	315		1 072200248

CE



S3 SRC

EN ISO 20345 2011

METAL FREE



## 7221PEK

leather ankle shoe, water-repellent, with nylon inserts, anti-abrasion reinforcement in toe cap area and quick opening system

- Composite toe cap
- Composite fibre penetration proof insole

SUBJECT TO AVAILABILITY

EU	UK	mm	W	L
35	2,5	228		1 072210235
36	3,5	235		1 072210236
37	4,5	242		1 072210237
38	5	248		1 072210238
39	6	255		1 072210239
40	6,5	262		1 072210240
41	7	268		1 072210241
42	8	275		1 072210242
43	9	282		1 072210243
44	10	288		1 072210244
45	10,5	295		1 072210245
46	11	302		1 072210246
47	12	308		1 072210247
48	13	315		1 072210248

CE



S3 RS SRC

EN ISO 20345 2011

METAL FREE



## 7222PEK

suede shoe, perforated, with highly breathable mesh inserts

- Composite toe cap
- Composite fibre penetration proof insole

SUBJECT TO AVAILABILITY

EU	UK	mm	W	L
35	2,5	228		1 072220135
36	3,5	235		1 072220136
37	4,5	242		1 072220137
38	5	248		1 072220138
39	6	255		1 072220139
40	6,5	262		1 072220140
41	7	268		1 072220141
42	8	275		1 072220142
43	9	282		1 072220143
44	10	288		1 072220144
45	10,5	295		1 072220145
46	11	302		1 072220146
47	12	308		1 072220147
48	13	315		1 072220148

CE



S1P SRC

EN ISO 20345 2011

METAL FREE



## 7223PEK

suede shoe with highly breathable mesh inserts and anti-abrasion reinforcement in toe cap area

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO  
20345  
2011**

METAL  
FREE



SUBJECT TO AVAILABILITY



S1P SRC

EU	UK	mm		
35	2,5	228	1	072230135
36	3,5	235	1	072230136
37	4,5	242	1	072230137
38	5	248	1	072230138
39	6	255	1	072230139
40	6,5	262	1	072230140
41	7	268	1	072230141
42	8	275	1	072230142
43	9	282	1	072230143
44	10	288	1	072230144
45	10,5	295	1	072230145
46	11	302	1	072230146
47	12	308	1	072230147
48	13	315	1	072230148

CE

## FLEX



## 7212B

suede shoe, with mesh inserts, anti-abrasion insert in toe cap area  
Remarkably flexible and lightweight - approximate weight for size 42: 490 g  
Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO  
20345  
2011**

ESD

METAL  
FREE



SUBJECT TO AVAILABILITY



S1P SRC ESD

EU	UK	mm		
35	2,5	228	1	072120235
36	3,5	235	1	072120236
37	4,5	242	1	072120237
38	5	248	1	072120238
39	6	255	1	072120239
40	6,5	262	1	072120240
41	7	268	1	072120241
42	8	275	1	072120242
43	9	282	1	072120243
44	10	288	1	072120244
45	10,5	295	1	072120245
46	11	302	1	072120246
47	12	308	1	072120247
48	13	315	1	072120248

CE



## 7212G

suede shoe, perforated. With anti-abrasion insert in toe cap area. Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm	
35	2,5	228	1 072120335
36	3,5	235	1 072120336
37	4,5	242	1 072120337
38	5	248	1 072120338
39	6	255	1 072120339
40	6,5	262	1 072120340
41	7	268	1 072120341
42	8	275	1 072120342
43	9	282	1 072120343
44	10	288	1 072120344
45	10,5	295	1 072120345
46	11	302	1 072120346
47	12	308	1 072120347
48	13	315	1 072120348

SUBJECT TO AVAILABILITY



CE

S1P SRC ESD



EN ISO 20345 2011



## 7213G

suede shoe, perforated, with highly breathable mesh inserts. Remarkably flexible and lightweight - approximate weight for size 42: 490 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072130135
36	3,5	235	1 072130136
37	4,5	242	1 072130137
38	5	248	1 072130138
39	6	255	1 072130139
40	6,5	262	1 072130140
41	7	268	1 072130141
42	8	275	1 072130142
43	9	282	1 072130143
44	10	288	1 072130144
45	10,5	295	1 072130145
46	11	302	1 072130146
47	12	308	1 072130147
48	13	315	1 072130148

SUBJECT TO AVAILABILITY



CE

S1P SRC ESD



EN ISO 20345 2011



## 7214FN

Action nubuck shoe, waterproof, with anti-abrasion insert in toe cap area. Extremely flexible and lightweight - approximate weight size 42: 500 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	
35	2,5	228	1 072140035
36	3,5	235	1 072140036
37	4,5	242	1 072140037
38	5	248	1 072140038
39	6	255	1 072140039
40	6,5	262	1 072140040
41	7	268	1 072140041
42	8	275	1 072140042
43	9	282	1 072140043
44	10	288	1 072140044
45	10,5	295	1 072140045
46	11	302	1 072140046
47	12	308	1 072140047
48	13	315	1 072140048

SUBJECT TO AVAILABILITY



CE

S3 SRC



EN ISO 20345 2011



## 72146

Action nubuck shoe, water-repellent, with anti-abrasion insert in toe cap area Remarkably flexible and lightweight - approximate weight for size 42: 500 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

EU	UK	mm		
35	2,5	228	1	072140235
36	3,5	235	1	072140236
37	4,5	242	1	072140237
38	5	248	1	072140238
39	6	255	1	072140239
40	6,5	262	1	072140240
41	7	268	1	072140241
42	8	275	1	072140242
43	9	282	1	072140243
44	10	288	1	072140244
45	10,5	295	1	072140245
46	11	302	1	072140246
47	12	308	1	072140247
48	13	315	1	072140248

- Composite toe cap
- Composite fibre penetration-proof insole

SUBJECT TO AVAILABILITY



CE



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S3 SRC ESD

## 7215FN

Action nubuck moccasin, waterproof, with anti-abrasion insert in toe cap area Extremely flexible and lightweight - approximate weight, size 42: 490 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

EU	UK	mm		
35	2,5	228	1	072150135
36	3,5	235	1	072150136
37	4,5	242	1	072150137
38	5	248	1	072150138
39	6	255	1	072150139
40	6,5	262	1	072150140
41	7	268	1	072150141
42	8	275	1	072150142
43	9	282	1	072150143
44	10	288	1	072150144
45	10,5	295	1	072150145
46	11	302	1	072150146
47	12	308	1	072150147
48	13	315	1	072150148

- Composite toe cap
- Composite fibre penetration-proof insole

SUBJECT TO AVAILABILITY



CE



EN ISO  
20345  
2011



S3 SRC

## 7218FN

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Extremely flexible and lightweight - approximate weight, size 42: 510 g Not recommended for heavy-duty use (building, agriculture, heavy industry)

EU	UK	mm		
35	2,5	228	1	072180035
36	3,5	235	1	072180036
37	4,5	242	1	072180037
38	5	248	1	072180038
39	6	255	1	072180039
40	6,5	262	1	072180040
41	7	268	1	072180041
42	8	275	1	072180042
43	9	282	1	072180043
44	10	288	1	072180044
45	10,5	295	1	072180045
46	11	302	1	072180046
47	12	308	1	072180047
48	13	315	1	072180048

- Composite toe cap
- Composite fibre penetration proof insole

SUBJECT TO AVAILABILITY



CE



EN ISO  
20345  
2011



S3 RS SRC

## 7218G

Action nubuck ankle shoe, water-repellent, with anti-abrasion insert in toe cap area and quick opening system Remarkably flexible and lightweight - approximate weight for size 42: 550 g Not recommended for heavy-duty jobs (building, agriculture, heavy industry)

EU	UK	mm		
35	2,5	228	1	072180135
36	3,5	235	1	072180136
37	4,5	242	1	072180137
38	5	248	1	072180138
39	6	255	1	072180139
40	6,5	262	1	072180140
41	7	268	1	072180141
42	8	275	1	072180142
43	9	282	1	072180143
44	10	288	1	072180144
45	10,5	295	1	072180145
46	11	302	1	072180146
47	12	308	1	072180147
48	13	315	1	072180148

- Composite toe cap
- Composite fibre penetration-proof insole

SUBJECT TO AVAILABILITY



CE



EN ISO  
20345  
2011



S3 RS SRC ESD



**7316NB**

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

**EN ISO 20345 2011**

EU	UK	mm	W	L
35	2,5	228		1 073160735
36	3,5	235		1 073160736
37	4,5	242		1 073160737
38	5	248		1 073160738
39	6	255		1 073160739
40	6,5	262		1 073160740
41	7	268		1 073160741
42	8	275		1 073160742
43	9	282		1 073160743
44	10	288		1 073160744
45	10,5	295		1 073160745
46	11	302		1 073160746
47	12	308		1 073160747
48	13	315		1 073160748

CE



S1P SRC ESD

**7316NG**

mesh and suede shoe, highly breathable, with heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm	W	L
35	2,5	228		1 073160635
36	3,5	235		1 073160636
37	4,5	242		1 073160637
38	5	248		1 073160638
39	6	255		1 073160639
40	6,5	262		1 073160640
41	7	268		1 073160641
42	8	275		1 073160642
43	9	282		1 073160643
44	10	288		1 073160644
45	10,5	295		1 073160645
46	11	302		1 073160646
47	12	308		1 073160647
48	13	315		1 073160648

CE



S1P SRC ESD

**7317NA**

suede shoe, perforated, with microfibre reinforcement in heel area

- Composite toe cap
- Composite fibre penetration proof insole

**EN ISO 20345 2011**

EU	UK	mm	W	L
35	2,5	228		1 073170135
36	3,5	235		1 073170136
37	4,5	242		1 073170137
38	5	248		1 073170138
39	6	255		1 073170139
40	6,5	262		1 073170140
41	7	268		1 073170141
42	8	275		1 073170142
43	9	282		1 073170143
44	10	288		1 073170144
45	10,5	295		1 073170145
46	11	302		1 073170146
47	12	308		1 073170147
48	13	315		1 073170148

CE



S1P SRC

## 7320NA

microfibre shoe, water-repellent, with anti-abrasion reinforcement in toe cap area and heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	073200535
36	3,5	235	1	073200536
37	4,5	242	1	073200537
38	5	248	1	073200538
39	6	255	1	073200539
40	6,5	262	1	073200540
41	7	268	1	073200541
42	8	275	1	073200542
43	9	282	1	073200543
44	10	288	1	073200544
45	10,5	295	1	073200545
46	11	302	1	073200546
47	12	308	1	073200547
48	13	315	1	073200548



CE

S3 SRC

EN ISO  
20345  
2011

METAL  
FREE



## 7321NA

microfibre ankle-shoe, water-repellent, with quick opening system, anti-abrasion reinforcement in toe cap area and heel stability support

- Composite toe cap
- Composite fibre penetration-proof insole

EU	UK	mm		
35	2,5	228	1	073210535
36	3,5	235	1	073210536
37	4,5	242	1	073210537
38	5	248	1	073210538
39	6	255	1	073210539
40	6,5	262	1	073210540
41	7	268	1	073210541
42	8	275	1	073210542
43	9	282	1	073210543
44	10	288	1	073210544
45	10,5	295	1	073210545
46	11	306	1	073210546
47	12	308	1	073210547
48	13	315	1	073210548



CE

S3 RS SRC

EN ISO  
20345  
2011

METAL  
FREE



## 7322SA

fabric shoe, highly resistant to abrasion, with heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	073220435
36	3,5	235	1	073220436
37	4,5	242	1	073220437
38	5	248	1	073220438
39	6	255	1	073220439
40	6,5	262	1	073220440
41	7	268	1	073220441
42	8	275	1	073220442
43	9	282	1	073220443
44	10	288	1	073220444
45	10,5	295	1	073220445
46	11	302	1	073220446
47	12	308	1	073220447
48	13	315	1	073220448



CE

S3 SRC

EN ISO  
20345  
2011

METAL  
FREE



## 7323SA

fabric ankle shoe, highly resistant to abrasion, with quick opening system and heel stability support

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK	mm		
35	2,5	228	1	073230435
36	3,5	235	1	073230436
37	4,5	242	1	073230437
38	5	248	1	073230438
39	6	255	1	073230439
40	6,5	262	1	073230440
41	7	268	1	073230441
42	8	275	1	073230442
43	9	282	1	073230443
44	10	288	1	073230444
45	10,5	295	1	073230445
46	11	302	1	073230446
47	12	308	1	073230447
48	13	315	1	073230448



CE

S3 RS SRC

EN ISO  
20345  
2011

METAL  
FREE





## 7352B

mesh fabric shoe, highly breathable, with TPU inserts  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Composite toe cap
  - Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO  
20345  
2011**

EU	UK	mm	W	L
38	5	254		1 073520138
39	6	261		1 073520139
40	6,5	268		1 073520140
41	7	274		1 073520141
42	8	281		1 073520142
43	9	288		1 073520143
44	10	294		1 073520144
45	10,5	301		1 073520145
46	11	308		1 073520146
47	12	314		1 073520147
48	13	321		1 073520148



METAL  
FREE



CE

S1P HRO SRC

## 7352G

mesh fabric shoe, highly breathable, with TPU inserts  
Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread

- Composite toe cap
  - Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 grams

**EN ISO  
20345  
2011**

EU	UK	mm	W	L
38	5	254		1 073520338
39	6	261		1 073520339
40	6,5	268		1 073520340
41	7	274		1 073520341
42	8	281		1 073520342
43	9	288		1 073520343
44	10	294		1 073520344
45	10,5	301		1 073520345
46	11	308		1 073520346
47	12	314		1 073520347
48	13	321		1 073520348



METAL  
FREE



CE

S1P HRO SRC ESD

## 7352LG

women's mesh fabric shoe, highly breathable, with TPU inserts  
High-visibility reflective mesh upper  
Heel stability support, stretch slip-on collar  
and EVA outsole with durable nitrile rubber tread

- Fibreglass toe cap
  - Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 390 grams

**EN ISO  
20345  
2011**

EU	UK	mm	W	L
34	2	228		1 073520234
35	2,5	234		1 073520235
36	3,5	241		1 073520236
37	4,5	248		1 073520237
38	5	254		1 073520238
39	6	261		1 073520239
40	6,5	268		1 073520240
41	7	274		1 073520241
42	8	281		1 073520242



METAL  
FREE



CE

S1P HRO SRC

## 7354N

mesh fabric shoe, waterproof, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA outsole with durable nitrile rubber tread

• Composite toe cap  
• Composite fibre penetration-proof insole  
REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 g

**EN ISO  
20345  
2011**

EU	UK	mm	
38	5	254	1 073540038
39	6	261	1 073540039
40	6,5	268	1 073540040
41	7	274	1 073540041
42	8	281	1 073540042
43	9	288	1 073540043
44	10	294	1 073540044
45	10,5	301	1 073540045
46	11	308	1 073540046
47	12	314	1 073540047
48	13	321	1 073540048



METAL  
FREE



CE

S3 HRO SRC

## 7356G

microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

• Composite toe cap  
• Composite fibre penetration proof insole  
• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO  
20345  
2011**

EU	UK	mm	
38	5	254	1 073560038
39	6	261	1 073560039
40	6,5	268	1 073560040
41	7	274	1 073560041
42	8	281	1 073560042
43	9	288	1 073560043
44	10	294	1 073560044
45	10,5	301	1 073560045
46	11	308	1 073560046
47	12	314	1 073560047
48	13	321	1 073560048



METAL  
FREE



CE

S3 HRO SRC

## 7356V

microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA outsole with durable nitrile rubber tread

• Composite toe cap  
• Composite fibre penetration proof insole  
• REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 460 grams

**EN ISO  
20345  
2011**

EU	UK	mm	
38	5	254	1 073560138
39	6	261	1 073560139
40	6,5	268	1 073560140
41	7	274	1 073560141
42	8	281	1 073560142
43	9	288	1 073560143
44	10	294	1 073560144
45	10,5	301	1 073560145
46	11	308	1 073560146
47	12	314	1 073560147
48	13	321	1 073560148

SUBJECT TO AVAILABILITY



METAL  
FREE



CE

S3 HRO SRC

## 7356LN

women's microfibre shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA outsole with durable nitrile rubber tread

• Fibreglass toe cap  
• Composite fibre penetration proof insole  
• REMARKABLY LIGHTWEIGHT: approximate weight for size 38: 400 grams

**EN ISO  
20345  
2011**

EU	UK	mm	
34	2	228	1 073560234
35	2,5	234	1 073560235
36	3,5	241	1 073560236
37	4,5	248	1 073560237
38	5	254	1 073560238
39	6	261	1 073560239
40	6,5	268	1 073560240
41	7	274	1 073560241
42	8	281	1 073560242



METAL  
FREE



CE

S3 HRO SRC



## 7357G

microfibre ankle shoe, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO  
20345  
2011**

METAL  
FREE



EU	UK	mm	W	L
38	5	254	1	073570038
39	6	261	1	073570039
40	6,5	268	1	073570040
41	7	274	1	073570041
42	8	281	1	073570042
43	9	288	1	073570043
44	10	294	1	073570044
45	10,5	301	1	073570045
46	11	308	1	073570046
47	12	314	1	073570047
48	13	321	1	073570048



CE

S3 HRO SRC

## 7357V

microfibre ankle shoe, water-repellent, with TPU inserts  
Heel stability support, stretch-slip on collar and EVA outsole with durable nitrile rubber tread

- Composite toe cap
- Composite fibre penetration proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 480 grams

**EN ISO  
20345  
2011**

METAL  
FREE



EU	UK	mm	W	L
38	5	254	1	073570138
39	6	261	1	073570139
40	6,5	268	1	073570140
41	7	274	1	073570141
42	8	281	1	073570142
43	9	288	1	073570143
44	10	294	1	073570144
45	10,5	301	1	073570145
46	11	308	1	073570146
47	12	314	1	073570147
48	13	321	1	073570148



SUBJECT  
TO AVAILABILITY

CE

S3 HRO SRC

## 7362B

occupational shoe, made of mesh fabric, highly breathable, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO  
20347  
2012**

METAL  
FREE



EU	UK	mm	W	L
39	6	261	1	073620039
40	6,5	268	1	073620040
41	7	274	1	073620041
42	8	281	1	073620042
43	9	288	1	073620043
44	10	294	1	073620044
45	10,5	301	1	073620045
46	11	308	1	073620046
47	12	314	1	073620047
48	13	321	1	073620048



SUBJECT  
TO AVAILABILITY

CE

01 FO HRO SRC

## 7363N

occupational shoe, made of mesh fabric, water-repellent, with TPU inserts  
Heel stability support, stretch slip-on collar and EVA sole with durable nitrile rubber tread

- Without toe cap
- Without penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 330 grams

**EN ISO  
20347  
2012**

METAL  
FREE



EU	UK	mm	W	L
39	6	261	1	073630039
40	6,5	268	1	073630040
41	7	274	1	073630041
42	8	281	1	073630042
43	9	288	1	073630043
44	10	294	1	073630044
45	10,5	301	1	073630045
46	11	308	1	073630046
47	12	314	1	073630047
48	13	321	1	073630048



CE

02 FO HRO SRC

## 7371V

mesh fabric shoe, ultrabreathable.  
Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight, size 42: 450 g

**EN ISO  
20345  
2022**

EU	UK	mm	
38	5	254	1 073710038
39	6	261	1 073710039
40	6,5	268	1 073710040
41	7	274	1 073710041
42	8	281	1 073710042
43	9	288	1 073710043
44	10	294	1 073710044
45	10,5	301	1 073710045
46	11	308	1 073710046
47	12	314	1 073710047
48	13	321	1 073710048



CE

S1PS HRO FO SR ESD



## 7372B

woven fabric shoe, hard-wearing and ultrabreathable.  
Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 450 g

**EN ISO  
20345  
2011**

EU	UK	mm	
38	5	254	1 073720038
39	6	261	1 073720039
40	6,5	268	1 073720040
41	7	274	1 073720041
42	8	281	1 073720042
43	9	288	1 073720043
44	10	294	1 073720044
45	10,5	301	1 073720045
46	11	308	1 073720046
47	12	314	1 073720047
48	13	321	1 073720048



CE

S1P HRO SRC



## 7376A

microfibre and mesh sandal, perforated, and highly breathable.  
Heel stability support, traditional lacing, stretch-laced, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- REMARKABLY LIGHTWEIGHT: approximate weight for size 42: 490 g

**EN ISO  
20345  
2011**

EU	UK	mm	
39	6	261	1 073760039
40	6,5	268	1 073760040
41	7	274	1 073760041
42	8	281	1 073760042
43	9	288	1 073760043
44	10	294	1 073760044
45	10,5	301	1 073760045
46	11	308	1 073760046
47	12	314	1 073760047
48	13	321	1 073760048

SUBJECT TO AVAILABILITY



CE

S1P HRO SRC



## 7381N

waterproof shoe made from highly abrasion-resistant fabric,  
with TPU inserts. Heel stability support, traditional lacing, wide fit.  
EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 500 g

**EN ISO  
20345  
2011**

EU	UK	mm	
38	5	254	1 073810038
39	6	261	1 073810039
40	6,5	268	1 073810040
41	7	274	1 073810041
42	8	281	1 073810042
43	9	288	1 073810043
44	10	294	1 073810044
45	10,5	301	1 073810045
46	11	308	1 073810046
47	12	314	1 073810047
48	13	321	1 073810048



CE

S3 SRC HRO WR



## 7382N

waterproof ankle shoe, made from highly abrasion-resistant fabric, with TPU inserts. Heel stability support, traditional lacing, wide fit. EVA outsole with durable nitrile rubber tread.

- Composite toe cap
- Composite fibre penetration-proof insole
- Beta TECH waterproofing membrane, with bootie system
- LIGHTWEIGHT: approximate weight for size 42: 550 g

EN ISO  
20345  
2011



CE

S3 SRC HRO WR

EU	UK	mm	Weight
38	5	254	1 073820038
39	6	261	1 073820039
40	6,5	268	1 073820040
41	7	274	1 073820041
42	8	281	1 073820042
43	9	288	1 073820043
44	10	294	1 073820044
45	10,5	301	1 073820045
46	11	308	1 073820046
47	12	314	1 073820047
48	13	321	1 073820048

## FitEvolution

The safety footwear range, Beta FitEvolution, comprises **7 uniquely designed models**, available in several different colours and materials. Its revolutionary feature lies in the innovative patented system, **Fit4You**, based on state-of-the-art technology which allows for customized **comfort** and **footwear support** according to height, weight and individual work requirements. **Each pack includes three ETPU inserts – SOFT, MEDIUM and HARD** -, which make it possible to perfectly adapt the footwear to the required degree of softness, providing customized comfort for every situation.



## 7270Y

FitEVOLUTION mesh fabric shoe, highly breathable, with patented FIT 4 YOU shoe customization system. Heel stability support and traditional lacing. Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO  
20345  
2022



FIT4YOU



CE

S1PS FO SR ESD

EU	UK	mm	Weight
37	4,5	251	1 072700137
38	5	257	1 072700138
39	6	263	1 072700139
40	6,5	269	1 072700140
41	7	276	1 072700141
42	8	282	1 072700142
43	9	290	1 072700143
44	10	296	1 072700144
45	10,5	304	1 072700145
46	11	311	1 072700146
47	12	317	1 072700147
48	13	324	1 072700148

## 7271V

FitEVOLUTION suede shoe, perforated, with patented FIT 4 YOU shoe customization system. Heel stability support and traditional lacing. Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3 ETPU inserts, with 3 different densities, for a customized shoe

EN ISO  
20345  
2022



FIT4YOU



CE

S1PS FO SR ESD

EU	UK	mm	Weight
37	4,5	251	1 072710137
38	5	257	1 072710138
39	6	263	1 072710139
40	6,5	269	1 072710140
41	7	276	1 072710141
42	8	282	1 072710142
43	9	290	1 072710143
44	10	296	1 072710144
45	10,5	304	1 072710145
46	11	311	1 072710146
47	12	317	1 072710147
48	13	324	1 072710148

## 7272V

FitEVOLUTION woven fabric shoe, hard-wearing and highly breathable, with patented FIT 4 YOU shoe customization system.

Heel stability support and traditional lacing.

Dual-density polyurethane outsole

EU	UK	mm	
37	4,5	251	1 072720137
38	5	257	1 072720138
39	6	263	1 072720139
40	6,5	269	1 072720140
41	7	276	1 072720141
42	8	282	1 072720142
43	9	290	1 072720143
44	10	296	1 072720144
45	10,5	304	1 072720145
46	11	311	1 072720146
47	12	317	1 072720147
48	13	324	1 072720148

CE

FIT4YOU



EN ISO 20345 2022



S1PS FO SR ESD

## 7273G

FitEVOLUTION nubuck shoe, water-repellent, with patented FIT 4 YOU shoe customization system.

Heel stability support and traditional lacing.

Dual-density polyurethane outsole

EU	UK	mm	
37	4,5	251	1 072730137
38	5	257	1 072730138
39	6	263	1 072730139
41	7	276	1 072730141
40	6,5	269	1 072730140
42	8	282	1 072730142
43	9	290	1 072730143
44	10	296	1 072730144
45	10,5	304	1 072730145
46	11	311	1 072730146
47	12	317	1 072730147
48	13	324	1 072730148

CE

FIT4YOU



EN ISO 20345 2022



S3S FO SR ESD

## 7274G

FitEVOLUTION nubuck ankle shoe, water-repellent, with patented FIT 4 YOU shoe customization system.

Heel stability support and traditional lacing.

Dual-density polyurethane outsole

EU	UK	mm	
37	4,5	251	1 072740237
38	5	257	1 072740238
39	6	263	1 072740239
40	6,5	269	1 072740240
41	7	276	1 072740241
42	8	282	1 072740242
43	9	290	1 072740243
44	10	296	1 072740244
45	10,5	304	1 072740245
46	11	311	1 072740246
47	12	317	1 072740247
48	13	324	1 072740248

CE

FIT4YOU



EN ISO 20345 2022



S3S FO SR ESD

## 7275N

FitEVOLUTION microfibre shoe, water-repellent, with patented FIT 4 YOU shoe customization system.

Heel stability support and traditional lacing.

Dual-density polyurethane outsole

EU	UK	mm	
37	4,5	251	1 072750237
38	5	257	1 072750238
39	6	263	1 072750239
40	6,5	269	1 072750240
41	7	276	1 072750241
42	8	282	1 072750242
43	9	290	1 072750243
44	10	296	1 072750244
45	10,5	304	1 072750245
46	11	311	1 072750246
47	12	317	1 072750247
48	13	324	1 072750248

CE

FIT4YOU



EN ISO 20345 2022



S3S FO SR ESD

## 7276N

FitEVOLUTION microfibre ankle shoe, water-repellent, with patented FIT 4 YOU shoe customization system. Heel stability support and traditional lacing. Dual-density polyurethane outsole

- composite toe cap
- composite fibre penetration-proof insole
- 3.ETPU inserts, with 3 different densities, for a customized shoe

FIT4YOU

EU	UK	mm	
37	4,5	251	1 072760237
38	5	257	1 072760238
39	6	263	1 072760239
40	6,5	269	1 072760240
41	7	276	1 072760241
42	8	282	1 072760242
43	9	290	1 072760243
44	10	296	1 072760244
45	10,5	304	1 072760245
46	11	311	1 072760246
47	12	317	1 072760247
48	13	324	1 072760248

CE



S3S FO SR ESD



EN ISO 20345 2022



## RENEGADE

The new safety footwear range, Renegade, has been designed to provide uncompromising **safety** and **style**. Renegade matches protection with a captivating, modern appearance. The range, which comprises **6 models** in unique colours and materials, perfectly suits those interested in standing out in any working environment. Renegade relies on a design inspired by latest generation sports shoes, superior **cushioning** and remarkable **support** to provide comfort all day long. The wide body – 11 – ensures smooth, comfortable walks, without compressing the foot. Based on a bold, unconventional style, Renegade is an ideal pick for modern professionals.



Model 7340VA is Beta's first shoe fitted with a **quick lacing system**.



## 7340VA

RENEGADE mesh fabric shoe, highly breathable, with quick ATOP lacing. Heel stability support. EVA outsole with durable nitrile rubber tread. Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EU	UK	mm	
37	4,5	248	1 073400537
38	5	254	1 073400538
39	6	261	1 073400539
40	6,5	268	1 073400540
41	7	274	1 073400541
42	8	281	1 073400542
43	9	288	1 073400543
44	10	294	1 073400544
45	10,5	301	1 073400545
46	11	308	1 073400546
47	12	314	1 073400547
48	13	321	1 073400548

CE



S1PS FO SR HRO



EN ISO 20345 2022



## 7340G

RENEGADE mesh fabric, highly breathable. Heel stability support. EVA outsole with durable nitrile rubber tread. Traditional lacing. Wide fit

- composite toe cap
- composite fibre penetration-proof insole

EU	UK	mm	
37	4,5	248	1 073400637
38	5	254	1 073400638
39	6	261	1 073400639
40	6,5	268	1 073400640
41	7	274	1 073400641
42	8	281	1 073400642
43	9	288	1 073400643
44	10	294	1 073400644
45	10,5	301	1 073400645
46	11	308	1 073400646
47	12	314	1 073400647
48	13	321	1 073400648

CE



S1PS FO SR HRO



EN ISO 20345 2022



## 7341V

RENEGADE woven fabric shoe, hard-wearing and ultrabreathable. - composite toe cap  
 Heel stability support - composite fibre penetration-proof insole  
 EVA outsole with durable nitrile rubber tread  
 Traditional lacing  
 Wide fit

EU	UK	mm	
37	4.5	248	1 073410537
38	5	254	1 073410538
39	6	261	1 073410539
40	6.5	268	1 073410540
41	7	274	1 073410541
42	8	281	1 073410542
43	9	288	1 073410543
44	10	294	1 073410544
45	10.5	301	1 073410545
46	11	308	1 073410546
47	12	314	1 073410547
48	13	321	1 073410548



METAL  
FREE

EN ISO  
20345  
2022



CE

S1PS FO SR HRO

## 7341Y

RENEGADE woven fabric shoe, hard-wearing and ultrabreathable - composite toe cap  
 Heel stability support - composite fibre penetration-proof insole  
 EVA outsole with durable nitrile rubber tread  
 Traditional lacing  
 Wide fit

EU	UK	mm	
37	4.5	248	1 073410637
38	5	254	1 073410638
39	6	261	1 073410639
40	6.5	268	1 073410640
41	7	274	1 073410641
42	8	281	1 073410642
43	9	288	1 073410643
44	10	294	1 073410644
45	10.5	301	1 073410645
46	11	308	1 073410646
47	12	314	1 073410647
48	13	321	1 073410648



METAL  
FREE

EN ISO  
20345  
2022



CE

S1PS FO SR HRO

## 7342N

RENEGADE microfibre shoe, water-repellent - composite toe cap  
 Heel stability support - composite fibre penetration-proof insole  
 EVA outsole with durable nitrile rubber tread  
 Traditional lacing  
 Wide fit

EU	UK	mm	
37	4.5	248	1 073420537
38	5	254	1 073420538
39	6	261	1 073420539
40	6.5	268	1 073420540
41	7	274	1 073420541
42	8	281	1 073420542
43	9	288	1 073420543
44	10	294	1 073420544
45	10.5	301	1 073420545
46	11	308	1 073420546
47	12	314	1 073420547
48	13	321	1 073420548



METAL  
FREE

EN ISO  
20345  
2022



CE

S3S FO SR HRO

## 7343N

RENEGADE microfibre ankle shoe, water-repellent - composite toe cap  
 Heel stability support - composite fibre penetration-proof insole  
 EVA outsole with durable nitrile rubber tread  
 Traditional lacing  
 Wide fit

EU	UK	mm	
37	4.5	248	1 073430537
38	5	254	1 073430538
39	6	261	1 073430539
40	6.5	268	1 073430540
41	7	274	1 073430541
42	8	281	1 073430542
43	9	288	1 073430543
44	10	294	1 073430544
45	10.5	301	1 073430545
46	11	308	1 073430546
47	12	314	1 073430547
48	13	321	1 073430548



METAL  
FREE

EN ISO  
20345  
2022



CE

S3S FO SR HRO



# HEAVY DUTY



## 7293HM

greased full-grain leather shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK	mm	
39	6	263	1 072930639
40	6,5	270	1 072930640
41	7	276	1 072930641
42	8	283	1 072930642
43	9	289	1 072930643
44	10	296	1 072930644
45	10,5	302	1 072930645
46	11	309	1 072930646
47	12	315	1 072930647
48	13	322	1 072930648



CE

S3 HRO HI SRC

## 7294HM

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK	mm	
39	6	263	1 072940639
40	6,5	270	1 072940640
41	7	276	1 072940641
42	8	283	1 072940642
43	9	289	1 072940643
44	10	296	1 072940644
45	10,5	302	1 072940645
46	11	309	1 072940646
47	12	315	1 072940647
48	13	322	1 072940648



CE

S3 HRO HI SRC

## 7294HMC

greased full-grain leather ankle shoe, water-repellent, with high-performance VIBRAM® rubber tread, anti-abrasion insert on heel area and reinforcement polyurethane toe cap cover. With Tepor membrane, waterproof, windproof, highly breathable

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK	mm	
39	6	263	1 072940739
40	6,5	270	1 072940740
41	7	276	1 072940741
42	8	283	1 072940742
43	9	289	1 072940743
44	10	296	1 072940744
45	10,5	302	1 072940745
46	11	309	1 072940746
47	12	315	1 072940747
48	13	322	1 072940748



CE

S3 HRO HI CI WR SRC

# ACCESSORIES

## 7397S

FIT4YOU inserts, soft

Soft inserts for FitEVOLUTION footwear with patented FIT4YOU system



EU	UK	
39/40	6/6,5	1 073970139
37/38	4,5/5	1 073970137
41/42	7/8	1 073970141
43/44	9/10	1 073970143
45/46	10,5/11	1 073970145
47/48	12/13	1 073970147

## 7397M

FIT4YOU inserts, medium

Medium inserts for FitEVOLUTION footwear with patented FIT4YOU system



EU	UK	
37/38	4,5/5	1 073970237
39/40	6/6,5	1 073970239
41/42	7/8	1 073970241
43/44	9/10	1 073970243
45/46	10,5/11	1 073970245
47/48	12/13	1 073970247

## 7397H

FIT4YOU inserts, hard

Hard inserts for FitEVOLUTION footwear with patented FIT4YOU system



EU	UK	
37/38	4,5/5	1 073970337
39/40	6/6,5	1 073970339
41/42	7/8	1 073970341
43/44	9/10	1 073970343
45/46	10,5/11	1 073970345
47/48	12/13	1 073970347

## 7398 0/G

anatomically shaped underfoot covers made of EVA foam, with cushioning heel pad (spare part recommended for 0-Gravity footwear range)



EU	UK	
38	5	1 073981238
39	6	1 073981239
40	6,5	1 073981240
41	7	1 073981241
42	8	1 073981242
43	9	1 073981243
44	10	1 073981244
45	10,5	1 073981245
46	11	1 073981246
47	12	1 073981247
48	13	1 073981248

## 7398ESD

anatomically shaped, breathable underfoot cover, antibacterial top layer preventing bad odours.

Replacement for ESD (ElectroStatic Discharge) certified footwear



EU	UK	
35	2,5	1 073981435
36	3,5	1 073981436
37	4,5	1 073981437
38	5	1 073981438
39	6	1 073981439
40	6,5	1 073981440
41	7	1 073981441
42	8	1 073981442
43	9	1 073981443
44	10	1 073981444
45	10,5	1 073981445
46	11	1 073981446
47	12	1 073981447
48	13	1 073981448

## 7398U

anatomically shaped underfoot covers made of TPR GEL with high cushioning effect, plantar arch support and heel pad



EU	UK	
36 - 40	3,5 - 6,5	1 073980058
41 - 46	7 - 11	1 073980063

## 7398UP

anatomically shaped underfoot covers made of citrus-fragrant TPE GEL, with plantar arch support



EU	UK	
36 - 40	3,5 - 6	1 073980076
41 - 46	7 - 11	1 073980081

## 7398GEL

anatomically shaped underfoot covers with gel insets



EU	UK	
35	2,5	1 073980835
36	3,5	1 073980836
37	4,5	1 073980837
38	5	1 073980838
39	6	1 073980839
40	6,5	1 073980840
41	7	1 073980841
42	8	1 073980842
43	9	1 073980843
44	10	1 073980844
45	10,5	1 073980845
46	11	1 073980846
47	12	1 073980847
48	13	1 073980848



## 7398EF

anatomically shaped underfoot covers made of polyurethane foam, with cushioning heel lift



EU	UK		
35	2,5	1	073981135
36	3,5	1	073981136
37	4,5	1	073981137
38	5	1	073981138
39	6	1	073981139
40	6,5	1	073981140
41	7	1	073981141
42	8	1	073981142
43	9	1	073981143
44	10	1	073981144
45	10,5	1	073981145
46	11	1	073981146
47	12	1	073981147
48	13	1	073981148

## 7399 A/N...

pack of 10 pairs of laces



cm			
100		1	073990010
120		1	073990012
140		1	073990017

## 7421

knee-length socks made from elastic compression terry, with nylon and cotton reinforcements on toe and heel areas  
Soles made from hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074210002
L	43-46	1	074210004

## 7422P

calf-length socks made from recycled terry cotton, with tremor-effect terry cloth in toe and heel areas  
2 pairs  
colour variants:  
black with grey, orange and brown inserts  
grey with black, orange and brown inserts



	EU		
M	39-42	1	074220102
L	43-46	1	074220104

## 7425

ankle-length socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas  
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre



	EU		
M	39-42	1	074250002
L	43-46	1	074250004

## 7426P

maxi sneaker socks made from recycled terry cotton, with terry cotton in sole area and tremor effect in toe and heel areas  
2 pairs  
colour variants:  
grey with black and electric blue inserts  
black with electric blue and grey inserts



	EU		
M	39-42	1	074260102
L	43-46	1	074260104

## 7427

sneaker socks with protective, breathable inserts on shinbone and instep areas.  
Nylon and cotton reinforcements on toe and heel areas and soles made from hard-wearing, antimycotic, breathable fibre



	EU		
M	39-42	1	074270002
L	43-46	1	074270004

## 7430T

sneaker socks made from recycled cotton, with tremor-effect terry cloth in toe and heel areas  
3 pairs  
colour variants:  
melange grey with black and bordeaux inserts  
black with grey inserts  
melange grey with black inserts



	EU		
M	39-42	1	074300202
L	43-46	1	074300204

## 7431P

two pairs of sneaker socks with breathable texture inserts and nylon/cotton reinforcements on toe and heel areas

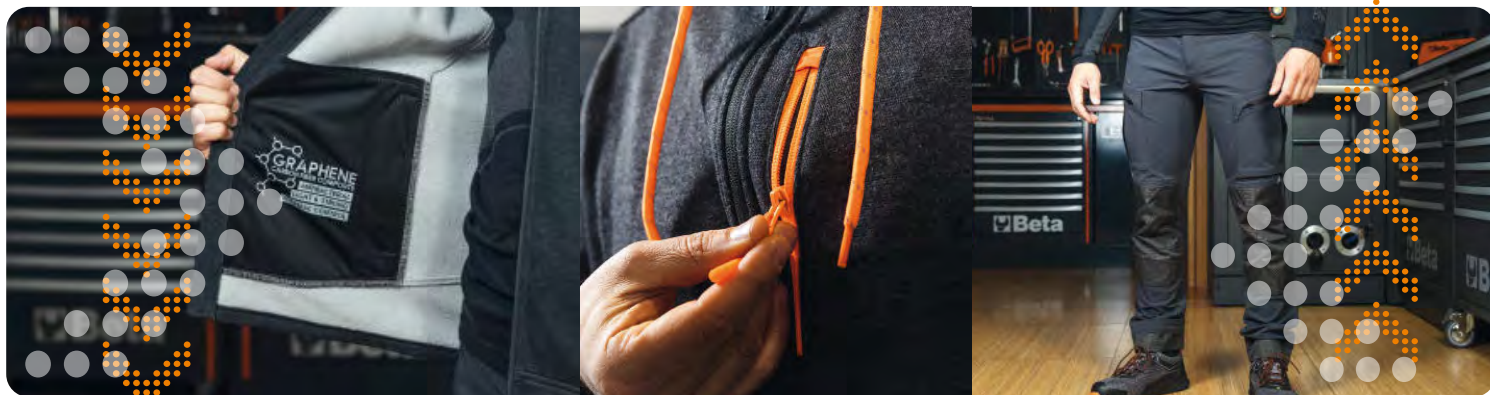
Soles made from nylon woven with hard-wearing, antimycotic, breathable bamboo fibre.  
One pair in black/orange colour and one pair in black/grey colour.



	EU		
M	39-42	1	074310102
L	43-46	1	074310104



# WORKWEAR



Over the years the workwear line has gained confidence and popularity among the most demanding professionals.

The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard:

### EN ISO 13688:2013

Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

### USE AND STORAGE INSTRUCTIONS

The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

### SHRINKAGE

All natural fibres shrink after being washed. The degree of shrinkage may range from 1% to 5%, depending on several parameters, which include the type of fibres and the temperature of water.

### SEASONAL PRODUCTS

In order to ensure that the most appropriate articles are available at any moment of the year, our workwear collection has been divided into three seasonal lines:

 **SPRING-SUMMER:** Available from March to September, it comprises lightweight, breathable items.

 **AUTUMN-WINTER:** Available from September to March, it comprises warm, hard-wearing garments, perfect for withstanding harsh temperatures.

**ALL-SEASON** Suitable for wearing throughout the year, this line comprises versatile, practical items, synonymous with unparalleled comfort in any season.

Each line blends quality with convenience and design, to answer the particular needs arising from every period of the year.

### SIZE CORRESPONDENCE

		MEN'S CLOTHING						WOMEN'S CLOTHING							
		I	F	D	E	UK	USA			I	F	D	E	UK	USA
MEN'S CLOTHING	XS	46	38	42	40	30	32	WOMEN'S CLOTHING	XS	38	34	32	34	6	2
	S	48	40	44	42	32	34		S	40	36	34	36	8	4
	M	50	42	46	44	34	36		M	42	38	36	38	10	6
	L	52	44	48	46	36	38		L	44	40	38	40	12	8
	XL	54	46	50	48	38	40		XL	46	42	40	42	14	10
2XL	56	48	52	50	40	42	2XL	48	44	42	44	16	12		
3XL	58	50	54	52	42	44	3XL	50	46	44	46	18	14		
4XL	60	52	56	54	44	46									
5XL	62	54	58	56	46	48									

### ANATOMICAL SIZES EN ISO 13688:2013

MEN'S CLOTHING									
	XS	S	M	L	XL	2XL	3XL	4XL	5XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140	140-148
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120	120-128
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206	206-212

WOMEN'S CLOTHING							
	XS	S	M	L	XL	2XL	3XL
A	72-77	77-82	82-87	87-93	93-99	99-105	105-111
B	162-165	164-167	168-171	170-173	172-175	174-177	176-179

## GUIDE TO CHOOSING CLOTHING – PRICE LIST 2025

Category	Item Number	Line	Page	Colour	Recommended combinations (same fabric and colour as trousers)											
					Bermuda shorts	Page	Biband brace	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page		
WORK TROUSERS, LIGHTWEIGHT	7610G	Trekking	653		7611G	656										
	7610N		653													
	7660B	Top Line	653		7661B	657										
	7660G		654		7661G	657										
	7820SG	Stretch	655		7821SG	657										
	7860G	Beta Easy	655		7861G	657	7863G	658	7865G	659	7867G	661	7869G	660		
	7860B		655		7861B	658			7865B	658	7867B	660				
7930MG	Cotton	656		7931MG	658			7935MG	659	7937MG	661					
WORK TROUSERS, 4 SEASONS	7600G	Trekking	652													
	7600N		652													
	7640GG	Graphene	653													
	7650	Top Line	653										7653G	659		
	7650B		653													
	7818BL		654													
	7818CM		654		7815CM	657										
	7818G		654													
	7819G		654													
	7830SN	Stretch	655		7831SN	657										
	7840BL	Beta Easy	655											7849BL	659	
7850G		655														
7900G	Beta Easy	656				7903G	658	7905G	659	7907G	661	7909G	660			
7940	Multiprotection	656											7949	660		
7818LN	Lady	654														

## GUIDE TO CHOOSING CLOTHING – PRICE LIST 2025

Category	Item Number	Line	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib&braces	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
WORK JEANS	7530		652											
	7528		652		7529	656								
	7527		652											

POLO SHIRTS	7552BL		665		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7552G		665										
	7552N		665										

T-SHIRT	7548M		664		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7548C		664										
	7553BL		665										
	7553G		665										
	7553N		665										
	7553V		665										
	7550G	Top Line	664										
	7550N		664										

SHIRTS	7545F		664										
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SWEATSHIRTS	7637G		663		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7637B		663										
	7642G		663										
	7643G		663										
	7644GG	Graphene	663										
	7664N	Top Line	664										
	7665N		664										

FLEECE/ MICROFLEECE PULLOVERS	7636N		662		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7654B		663										
	7654N	Top Line	663										
	7657B		663										
	7657N		664										

SLEEVELESS JACKETS	7579QN		660		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7647GG	Graphene	660										

JACKETS AND SOFTSHELLS	7648GG	Graphene	661		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7658CM		661										
	7659N	Top Line	661										
	7669N		662										

PADDED JACKETS	7670G	Top Line	662		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7679GG	Graphene	662										
	7780QN		662										
	7750N		662										

## GUIDE TO CHOOSING CLOTHING – PRICE LIST 2025

Category	Item Number	Item type	Page	Colour	Recommended combinations (same fabric and colour as trousers)									
					Bermuda shorts	Page	Bib&braces	Page	Overalls	Page	Sleeveless jacket	Page	Jacket	Page
RAINPROOF CLOTHING	7971B	Trousers	665										7978B	666
	7981N	Rainproof hat	667											

ACCESSORIES	7980NC	Cap	668		<b>MATCH ALL OTHER ITEMS ACCORDING TO COLOUR COMBINATIONS</b>								
	7980RN	Cap	667										
	7980L	Cap with light	667										
	7982N	Cap	667										
	7984G	Belt	667										
	7985N	Snood	667										
	7996N	Technical underwear set	666										
	7997GN	Technical stretch undershirt	666										
	7998GN	Technical stretch underpants	666										



# PANTS



**7527**  
work jeans,  
made from 70% cotton, 27% polyester and  
3% stretch fabric  
Regular fit

CE

*Jeans*



SIZE	IT	1	2
XS	46	1	075270046
S	48	1	075270048
M	50	1	075270050
L	52	1	075270052
XL	54	1	075270054
2XL	56	1	075270056
3XL	58	1	075270058

**7528**

stretch work jeans trousers,  
98% cotton, 2% stretch fabric,  
slim fit

CE

*Jeans*



SIZE	IT	1	2
XS	46	1	075280046
S	48	1	075280048
M	50	1	075280050
L	52	1	075280052
XL	54	1	075280054
2XL	56	1	075280056
3XL	58	1	075280058

**7530**

stretch work jeans,  
98% cotton and 2% stretch fabric, with  
polyester reinforcements  
Slim fit

CE

*Jeans*



SIZE	IT	1	2
XS	46	1	075300046
S	48	1	075300048
M	50	1	075300050
L	52	1	075300052
XL	54	1	075300054
2XL	56	1	075300056
3XL	58	1	075300058

**76006**

"work trekking" trousers, HEAVY,  
90% nylon, 10% stretch fabric, 265 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms with vertical zip closure  
Dark grey, with fluorescent green details  
Slim fit

CE

**TREKKING  
HEAVY**



SIZE	IT	1	2
XS	46	1	076000000
S	48	1	076000001
M	50	1	076000002
L	52	1	076000003
XL	54	1	076000004
2XL	56	1	076000005
3XL	58	1	076000006

**7600N**

"work trekking" trousers, HEAVY  
90% nylon, 10% stretch fabric, 265 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms with vertical zip closure  
Black with fluorescent green details  
Slim fit

CE

**TREKKING  
HEAVY**



SIZE	IT	1	2
XS	46	1	076000100
S	48	1	076000101
M	50	1	076000102
L	52	1	076000103
XL	54	1	076000104
2XL	56	1	076000105
3XL	58	1	076000106

## 7610G

"work trekking" trousers, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms and drawstring  
Dark grey with yellow details  
Slim fit

CE

TREKKING  
LIGHT

XS	IT	1	076100000
S	48	1	076100001
M	50	1	076100002
L	52	1	076100003
XL	54	1	076100004
2XL	56	1	076100005
3XL	58	1	076100006

## 7640GG

stretch work trousers, multipocket style,  
90% nylon with graphene, 10% spandex,  
250 g/m<sup>2</sup>,  
reinforced with 600D Oxford polyester, grey  
Temperature-regulating, water-repellent and  
quick drying  
Slim fit

CE

GRAPHENE  
CARBON FIBER COMPOSITE  
ANTIBACTERIAL  
LIGHT & STRONG  
THERMAL CONTROL



XS	IT	1	076400010
S	48	1	076400011
M	50	1	076400012
L	52	1	076400013
XL	54	1	076400014
2XL	56	1	076400015
3XL	58	1	076400016

## 7650B

stretch work trousers, multipocket style,  
90% nylon - 10% spandex, 260 g/m<sup>2</sup>, blue  
Knee pad pockets, rear pockets and leg bottoms  
reinforced in polyester 600D, tearproof crotch

SUBJECT TO AVAILABILITY

CE

TOP  
line

XS	IT	1	076500100
S	48	1	076500101
M	50	1	076500102
L	52	1	076500103
XL	54	1	076500104
2XL	56	1	076500105
3XL	58	1	076500106

## 7610N

"work trekking" trousers, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on knees and back, stretch  
leg bottoms and drawstring  
Black with yellow details  
Slim fit

CE

TREKKING  
LIGHT

XS	IT	1	076100100
S	48	1	076100101
M	50	1	076100102
L	52	1	076100103
XL	54	1	076100104
2XL	56	1	076100105
3XL	58	1	076100106

## 7650

stretch work trousers, multipocket style  
90% nylon - 10% spandex, 260 g/m<sup>2</sup>,  
anthracite grey Knee pad pockets, rear  
pockets and leg bottoms reinforced in  
polyester 600D, tearproof crotch

SUBJECT TO AVAILABILITY

CE

TOP  
line

XS	IT	1	076500000
S	48	1	076500001
M	50	1	076500002
L	52	1	076500003
XL	54	1	076500004
2XL	56	1	076500005
3XL	58	1	076500006

## 7660B

stretch work trousers, lightweight,  
multipocket style,  
86% nylon - 14% spandex, 140 g/m<sup>2</sup>, blue  
Knee pad pockets, rear pockets reinforced  
in polyester 300D, tearproof crotch  
Slim fit

SUBJECT TO AVAILABILITY

CE

TOP  
line

XS	IT	1	076600100
S	48	1	076600101
M	50	1	076600102
L	52	1	076600103
XL	54	1	076600104
2XL	56	1	076600105
3XL	58	1	076600106

## 7660G

stretch work trousers, lightweight, multipocket style, 86% nylon - 14% spandex, 140 g/m<sup>2</sup>, anthracite grey  
Knee pad pockets, rear pockets reinforced in polyester 300D, tearproof crotch  
Slim fit

**SUBJECT TO AVAILABILITY**

CE



TOP  
line



SIZE	IT	QTY	SKU
XS	46	1	076600000
S	48	1	076600001
M	50	1	076600002
L	52	1	076600003
XL	54	1	076600004
2XL	56	1	076600005
3XL	58	1	076600006

## 7818BL

work trousers, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, blue  
With stretch fabric insert in inside leg  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

CE



SIZE	IT	QTY	SKU
XS	46	1	078180100
S	48	1	078180101
M	50	1	078180102
L	52	1	078180103
XL	54	1	078180104
2XL	56	1	078180105
3XL	58	1	078180106

## 7818LN

women's work trousers, multipocket style, black with pink details, 100% stretch cotton, 220 g/m<sup>2</sup>  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg for easier movements

CE

lady



SIZE	IT	QTY	SKU
XS	38	1	078180200
S	40	1	078180201
M	42	1	078180202
L	44	1	078180203
XL	46	1	078180204
2XL	48	1	078180205
3XL	50	1	078180206

## 7818G

work trousers, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, grey  
Knee pad pockets and bottom legs reinforced in polyester 300D, tearproof crotch and stretch fabric insert in inside leg and lumbar region for easier movements

CE



SIZE	IT	QTY	SKU
XS	46	1	078180000
S	48	1	078180001
M	50	1	078180002
L	52	1	078180003
XL	54	1	078180004
2XL	56	1	078180005
3XL	58	1	078180006

## 7818CM

work trousers, multipocket style, made from T/C canvas, 260 g/m<sup>2</sup>, camouflage grey  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

**SUBJECT TO AVAILABILITY**

CE



SIZE	IT	QTY	SKU
XS	46	1	078180300
S	48	1	078180301
M	50	1	078180302
L	52	1	078180303
XL	54	1	078180304
2XL	56	1	078180305
3XL	58	1	078180306

## 7819G

work trousers, multipocket style, with detachable flying pockets, T/C canvas, 260 g/m<sup>2</sup>, grey  
Knee pad pockets and leg bottoms reinforced in polyester 300D, tearproof crotch and stretch fabric inserts in inside legs and lumbar region for easier movements

CE



SIZE	IT	QTY	SKU
XS	46	1	078190000
S	48	1	078190001
M	50	1	078190002
L	52	1	078190003
XL	54	1	078190004
2XL	56	1	078190005
3XL	58	1	078190006

### 7830SN

stretch work trousers,  
in T/C twill, 200 g/m<sup>2</sup>, black  
Slim fit, tearproof crotch and stretch  
waistband on sides

SUBJECT TO AVAILABILITY

CE

STRETCH



	IT	
XS	46	1 078300100
S	48	1 078300101
M	50	1 078300102
L	52	1 078300103
XL	54	1 078300104
2XL	56	1 078300105
3XL	58	1 078300106

### 7840BL

work trousers, T/C twill, 245 g/m<sup>2</sup>, blue  
Stretch waistband on sides

CE

Beta EASY



	IT	
XS	46	1 078400100
S	48	1 078400101
M	50	1 078400102
L	52	1 078400103
XL	54	1 078400104
2XL	56	1 078400105
3XL	58	1 078400106
4XL	60	1 078400107

### 7860B

work trousers, lightweight,  
made from T/C twill, 180 g/m<sup>2</sup>, with Oxford  
inserts, blue

CE

Beta EASY

LIGHT



	IT	
XS	46	1 078600700
S	48	1 078600701
M	50	1 078600702
L	52	1 078600703
XL	54	1 078600704
2XL	56	1 078600705
3XL	58	1 078600706
4XL	60	1 078600707
5XL	62	1 078600708

### 7820SG

stretch work trousers, multipocket style,  
39% cotton, 61% polyester, in mechanical  
stretch ripstop fabric, 170 g/m<sup>2</sup>, grey  
Knee pad pockets and stretch waistband on  
sides  
Regular fit

CE

STRETCH



	IT	
XS	46	1 078200100
S	48	1 078200101
M	50	1 078200102
L	52	1 078200103
XL	54	1 078200104
2XL	56	1 078200105
3XL	58	1 078200106

### 7850G

cargo work trousers,  
100% cotton, 240 g/m<sup>2</sup>,  
stretch waistband on sides and large side  
pockets with reflex inserts,  
grey with fluorescent green details  
Slim fit

CE



	IT	
XS	46	1 078500100
S	48	1 078500101
M	50	1 078500102
L	52	1 078500103
XL	54	1 078500104
2XL	56	1 078500105
3XL	58	1 078500106
4XL	60	1 078500107

### 7860G

work trousers, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

Beta EASY

LIGHT



	IT	
XS	46	1 078600800
S	48	1 078600801
M	50	1 078600802
L	52	1 078600803
XL	54	1 078600804
2XL	56	1 078600805
3XL	58	1 078600806
4XL	60	1 078600807
5XL	62	1 078600808

## 79006

work trousers,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

Beta EASY



Dimensione	IT	Quantità	Articolo
XS	46	1	079000800
S	48	1	079000801
M	50	1	079000802
L	52	1	079000803
XL	54	1	079000804
2XL	56	1	079000805
3XL	58	1	079000806
4XL	60	1	079000807

## 7940

multi-protection work trousers  
T/C twill, 250 g/m<sup>2</sup>, blue,  
for protection from heat, flames, electric arc  
effects, welding hazards and chemicals.

CE



7949



DPI: III<sup>A</sup> Categoria  
EN ISO 11611:2015 - Classe 1  
EN ISO 11612:2015 - A1 B1  
C1  
EN ISO 1149-5:2018  
EN13034:2005+A1:2009  
- Type 6  
IEC 61482-2:2018 - APC 1

Dimensione	IT	Quantità	Articolo
XS	46	1	079400000
S	48	1	079400001
M	50	1	079400002
L	52	1	079400003
XL	54	1	079400004
2XL	56	1	079400005

## 7930MG

work trousers, multipocket style, 97%  
cotton, 3% stretch fabric, 220 g/m<sup>2</sup>, grey

CE

Cotton



Dimensione	IT	Quantità	Articolo
XS	46	1	079300400
S	48	1	079300401
M	50	1	079300402
L	52	1	079300403
XL	54	1	079300404
2XL	56	1	079300405
3XL	58	1	079300406



Beta



# BERMUDA



## 7529

stretch work jeans bermuda shorts,  
98% cotton, 2% stretch fabric,  
slim fit

CE

Jeans



Dimensione	IT	Quantità	Articolo
XS	46	1	075290046
S	48	1	075290048
M	50	1	075290050
L	52	1	075290052
XL	54	1	075290054
2XL	56	1	075290056
3XL	58	1	075290058

## 7611G

"work trekking" Bermuda shorts, LIGHT  
90% nylon, 10% stretch fabric, 140 g/m<sup>2</sup>,  
reinforced fabric on back.  
Dark grey with yellow details  
Slim fit

CE

TREKKING LIGHT



Dimensione	IT	Quantità	Articolo
XS	46	1	076110000
S	48	1	076110001
M	50	1	076110002
L	52	1	076110003
XL	54	1	076110004
2XL	56	1	076110005
3XL	58	1	076110006



## 7661B

stretch work Bermuda shorts, lightweight, multipocket style, 86% nylon - 14% spandex, 140 g/m<sup>2</sup>, blue Rear pockets reinforced in polyester 300D, tearproof crotch Slim fit

**SUBJECT TO AVAILABILITY**

CE



TOP  
line



IT	IT	
XS	46	1 076610100
S	48	1 076610101
M	50	1 076610102
L	52	1 076610103
XL	54	1 076610104
2XL	56	1 076610105
3XL	58	1 076610106

## 7815CM

work Bermuda shorts, multipocket style, made from T/C canvas, 260 g/m<sup>2</sup>, camouflage grey, tearproof crotch and stretch fabric inserts in inside leg and in lumbar region for easier movements

**SUBJECT TO AVAILABILITY**

CE



IT	IT	
XS	46	1 078150300
S	48	1 078150301
M	50	1 078150302
L	52	1 078150303
XL	54	1 078150304
2XL	56	1 078150305
3XL	58	1 078150306

## 7831SN

Stretch Bermuda shorts, in T/C twill, 200 g/m<sup>2</sup>, black Slim fit, tearproof crotch and stretch waistband on sides

**SUBJECT TO AVAILABILITY**

CE



IT	IT	
XS	46	1 078310100
S	48	1 078310101
M	50	1 078310102
L	52	1 078310103
XL	54	1 078310104
2XL	56	1 078310105
3XL	58	1 078310106

## 7821SG

stretch work Bermuda shorts, multipocket style, 39% cotton, 61% polyester, in mechanical stretch ripstop fabric, 170 g/m<sup>2</sup>, and stretch waistband on sides Regular fit

CE



IT	IT	
XS	46	1 078210100
S	48	1 078210101
M	50	1 078210102
L	52	1 078210103
XL	54	1 078210104
2XL	56	1 078210105
3XL	58	1 078210106

## 7861G

work Bermuda shorts, lightweight, in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey New design - Improved fit

CE



IT	IT	
XS	46	1 078610800
S	48	1 078610801
M	50	1 078610802
L	52	1 078610803
XL	54	1 078610804
2XL	56	1 078610805
3XL	58	1 078610806
4XL	60	1 078610807
5XL	62	1 078610808

## 7661G

stretch work Bermuda shorts, lightweight, multipocket style, 86% nylon - 14% spandex, 140 g/m<sup>2</sup>, anthracite grey Rear pockets reinforced in polyester 300D, tearproof crotch Slim fit

**SUBJECT TO AVAILABILITY**

CE



TOP  
line



IT	IT	
XS	46	1 076610000
S	48	1 076610001
M	50	1 076610002
L	52	1 076610003
XL	54	1 076610004
2XL	56	1 076610005
3XL	58	1 076610006

CE



IT	IT	
XS	46	1 078310100
S	48	1 078310101
M	50	1 078310102
L	52	1 078310103
XL	54	1 078310104
2XL	56	1 078310105
3XL	58	1 078310106

## 7861B

work bermuda shorts, lightweight, made from T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, blue

CE **BetaEASY**

LIGHT



Dimensione	IT	Quantità	Articolo
XS	46	1	078610700
S	48	1	078610701
M	50	1	078610702
L	52	1	078610703
XL	54	1	078610704
2XL	56	1	078610705
3XL	58	1	078610706
4XL	60	1	078610707
5XL	62	1	078610708

## 7931MG

work bermuda shorts, 97% cotton, 3% stretch fabric, 220 g/m<sup>2</sup>, grey

CE

Cotton



Dimensione	IT	Quantità	Articolo
XS	46	1	079310400
S	48	1	079310401
M	50	1	079310402
L	52	1	079310403
XL	54	1	079310404
2XL	56	1	079310405
3XL	58	1	079310406

# OVERALLS



## 7863G

work bib and brace overalls, lightweight, in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE **BetaEASY**

LIGHT



Dimensione	IT	Quantità	Articolo
XS	46	1	078630800
S	48	1	078630801
M	50	1	078630802
L	52	1	078630803
XL	54	1	078630804
2XL	56	1	078630805
3XL	58	1	078630806
4XL	60	1	078630807
5XL	62	1	078630808

## 7903G

work bib and brace overalls, in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE **BetaEASY**



Dimensione	IT	Quantità	Articolo
XS	46	1	079030800
S	48	1	079030801
M	50	1	079030802
L	52	1	079030803
XL	54	1	079030804
2XL	56	1	079030805
3XL	58	1	079030806
4XL	60	1	079030807

## 7865B

work overalls, lightweight, made from T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, blue

CE **BetaEASY**

LIGHT



Dimensione	IT	Quantità	Articolo
XS	46	1	078650700
S	48	1	078650701
M	50	1	078650702
L	52	1	078650703
XL	54	1	078650704
2XL	56	1	078650705
3XL	58	1	078650706
4XL	60	1	078650707
5XL	62	1	078650708



## 7865G

work overalls, lightweight, in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

**BetaEASY**

LIGHT



IT	1	2
XS	46	1 078650800
S	48	1 078650801
M	50	1 078650802
L	52	1 078650803
XL	54	1 078650804
2XL	56	1 078650805
3XL	58	1 078650806
4XL	60	1 078650807
5XL	62	1 078650808

## 7905G

work overalls in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

**BetaEASY**



IT	1	2
XS	46	1 079050800
S	48	1 079050801
M	50	1 079050802
L	52	1 079050803
XL	54	1 079050804
2XL	56	1 079050805
3XL	58	1 079050806
4XL	60	1 079050807

## 7935MG

work overalls, 97% cotton, 3% stretch fabric, 220 g/m<sup>2</sup>, grey

CE

Cotton



IT	1	2
XS	46	1 079350400
S	48	1 079350401
M	50	1 079350402
L	52	1 079350403
XL	54	1 079350404
2XL	56	1 079350405
3XL	58	1 079350406



# WORK JACKETS



## 7653G

stretch work jacket, multipocket style, 90% nylon -10% spandex, 260 g/m<sup>2</sup>, anthracite grey

SUBJECT TO AVAILABILITY

CE



TOP line



IT	1	2
XS	46	1 076530000
S	48	1 076530001
M	50	1 076530002
L	52	1 076530003
XL	54	1 076530004
2XL	56	1 076530005
3XL	58	1 076530006

## 7849BL

work jacket, T/C twill, 245 g/m<sup>2</sup>, blue  
Stretch waistband

CE

**BetaEASY**



IT	1	2
XS	46	1 078490100
S	48	1 078490101
M	50	1 078490102
L	52	1 078490103
XL	54	1 078490104
XXL	56	1 078490105
XXXL	58	1 078490106
XXXXL	60	1 078490107



## 78696

work jacket, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE **Beta EASY**

LIGHT



XS	1	078690800
S	1	078690801
M	1	078690802
L	1	078690803
XL	1	078690804
XXL	1	078690805
XXXL	1	078690806
XXXXL	1	078690807
5XL	1	078690808

## 7949

multi-protection work jacket,  
T/C twill 250 g/m<sup>2</sup>, blue,  
for protection from heat, flames, electric arc  
effects, welding hazards and chemicals.

CE

DPI: III<sup>A</sup> Categoria  
EN ISO 11611:2015 - Classe 1  
EN ISO 11612:2015 - A1 B1 C1  
EN 1149-5:2018  
EN13034:2005+A1:2009 - Type 6  
IEC 61482-2:2018 - APC 1

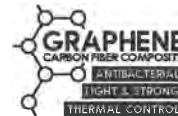


XS	1	079490000
S	1	079490001
M	1	079490002
L	1	079490003
XL	1	079490004
XXL	1	079490005
XXXL	1	079490006
XXXXL	1	079490007

## 764766

sleeveless softshell work jacket,  
outer fabric: 96% polyester, 4% spandex, 280 g/m<sup>2</sup>;  
inner fabric: 100% polyester with graphene,  
grey/black  
Temperature-regulating, water-repellent and  
breathable

CE



XS	1	076470010
S	1	076470011
M	1	076470012
L	1	076470013
XL	1	076470014
XXL	1	076470015
XXXL	1	076470016

## 79096

work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE **Beta EASY**



XS	1	079090800
S	1	079090801
M	1	079090802
L	1	079090803
XL	1	079090804
XXL	1	079090805
XXXL	1	079090806
XXXXL	1	079090807

## SLEEVELESS JACKETS



## 7579QN

sleeveless work jacket, multipocket style,  
made from double material.  
100% waterproof nylon 300D and softshell  
fabric, 96% polyester, 4% spandex, polyester-  
padded, 160 g/m<sup>2</sup>  
black/anthracite grey

CE



S	1	075790201
M	1	075790202
L	1	075790203
XL	1	075790204
XXL	1	075790205
XXXL	1	075790206

## 7867B

sleeveless work jacket, lightweight,  
made from T/C twill, 180 g/m<sup>2</sup>, with Oxford  
inserts, blue

CE

**Beta EASY**

LIGHT



XS	1	078670700
S	1	078670701
M	1	078670702
L	1	078670703
XL	1	078670704
XXL	1	078670705
XXXL	1	078670706
XXXXL	1	078670707
5XL	1	078670708

**Beta**

**Beta**

**7867G**

sleeveless work jacket, lightweight,  
in T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey  
New design - Improved fit

CE

**BetaEASY**

LIGHT



XS	1	078670800
S	1	078670801
M	1	078670802
L	1	078670803
XL	1	078670804
XXL	1	078670805
XXXL	1	078670806
XXXXL	1	078670807
5XL	1	078670808

**7907G**

sleeveless work jacket,  
in T/C canvas, 260 g/m<sup>2</sup>, with Oxford inserts,  
grey  
New design - Improved fit

CE

**BetaEASY**

XS	1	079070800
S	1	079070801
M	1	079070802
L	1	079070803
XL	1	079070804
XXL	1	079070805
XXXL	1	079070806
XXXXL	1	079070807

**7937MG**

sleeveless work jacket, 97% cotton, 3%  
stretch fabric, 220 g/m<sup>2</sup>, grey

CE

Cotton



XS	1	079370400
S	1	079370401
M	1	079370402
L	1	079370403
XL	1	079370404
XXL	1	079370405
XXXL	1	079370406



# JACKETS

**7648GG**

softshell work jacket, 96% polyester, 4%  
spandex, 310 g/m<sup>2</sup>  
Inner material: bonded fleece - 100% polyester  
with graphene  
With detachable hood  
Temperature-regulating, with waterproof,  
windproof, breathable TPU membrane  
(resistance to water columns up to 8,000 mm  
- breathability 5,000 mvp)  
Grey/black

CE

**GRAPHENE**  
CARBON FIBER COMPOSITE  
ANTIBACTERIAL  
LIGHT & STRONG  
THERMAL CONTROL



XS	1	076480010
S	1	076480011
M	1	076480012
L	1	076480013
XL	1	076480014
XXL	1	076480015
XXXL	1	076480016

**Beta****7658CM**

softshell jacket, 94% polyester, 6% spandex,  
290 g/m<sup>2</sup>, camouflage grey With waterproof,  
windproof, breathable TPU membrane  
(resistance to water columns up to 8,000  
mm - breathability 8,000 mvp)

SUBJECT TO AVAILABILITY

TOP  
line

S	1	076580101
M	1	076580102
L	1	076580103
XL	1	076580104
XXL	1	076580105
XXXL	1	076580106

**7659N**

softshell jacket, 94% polyester, 6% spandex,  
290 g/m<sup>2</sup>, with detachable hood and sleeves,  
black With waterproof, windproof, breathable  
TPU membrane (resistance to water columns  
up to 8,000 mm - breathability 8,000 mvp)

SUBJECT TO AVAILABILITY

TOP  
line

S	1	076590001
M	1	076590002
L	1	076590003
XL	1	076590004
XXL	1	076590005
XXXL	1	076590006

## 7669N

stretch work jacket, lightweight, multipocket style, 86% nylon, 14% spandex, 140 g-m<sup>2</sup>, black  
With detachable sleeves and retractable hood.  
Water-resistant, wind-stopping

**SUBJECT TO AVAILABILITY**



TOP  
line



MEASUREMENTS	XS	S	M	L	XL	XXL	XXXL
	1	1	1	1	1	1	1
	076690000	076690001	076690002	076690003	076690004	076690005	076690006

## 76796G

work jacket with graphene padding, 80 g/m<sup>2</sup>.  
Front and back: 100% 75D polyester  
Sides and sleeves: 96% polyester, 4% spandex  
Temperature-regulating, waterproof, windproof and breathable (resistance to water columns up to 8,000 mm - breathability 5,000 mvp)  
Grey/black



MEASUREMENTS	XS	S	M	L	XL	XXL	XXXL
	1	1	1	1	1	1	1
	076790010	076790011	076790012	076790013	076790014	076790015	076790016

## 7750N

work bomber jacket, multipocket style, 100% polyester, 100% polyester padding, 120 g/m<sup>2</sup>, black

CE



MEASUREMENTS	XS	S	M	L	XL	XXL	XXXL	XXXXL
	1	1	1	1	1	1	1	1
	077500000	077500001	077500002	077500003	077500004	077500005	077500006	077500007

## 7670G

Anorak jacket made of Oxford polyester 300D, waterproof, PU-coated, anthracite grey  
With detachable hood and reinforced sleeves.  
Waterproof, windproof and breathable (resistance to water columns up to 2,000 mm - breathability 2,000 mvp)  
Polyester 210T lining, polyester padding, 120 g/m<sup>2</sup> body, 100 g/m<sup>2</sup> sleeves

**SUBJECT TO AVAILABILITY**

CE

TOP  
line



MEASUREMENTS	S	M	L	XL	XXL	XXXL
	1	1	1	1	1	1
	076700001	076700002	076700003	076700004	076700005	076700006

## 7780QN

work bomber jacket, multipocket style, made from double material.  
100% waterproof nylon 300D and softshell fabric, 96% polyester, 4% spandex, polyester padding, 160 g/m<sup>2</sup>  
with fixed hood  
black/anthracite grey

**SUBJECT TO AVAILABILITY**

CE



MEASUREMENTS	S	M	L	XL	XXL	XXXL
	1	1	1	1	1	1
	077800201	077800202	077800203	077800204	077800205	077800206



## SWEATSHIRT & FLEECE



## 7636N

microfleece sweater, short-zipped, 180 g/m<sup>2</sup>  
black with reflex details



MEASUREMENTS	XS	S	M	L	XL	XXL	XXXL
	1	1	1	1	1	1	1
	076360500	076360501	076360502	076360503	076360504	076360505	076360506



## 7637B

technical hoodie, long-zipped, 250 g/m<sup>2</sup>  
100% polyester fleece, with 100D softshell  
fabric inserts, bonded fleece, 270 g/m<sup>2</sup>  
blue/black



XS	1	076370100
S	1	076370101
M	1	076370102
L	1	076370103
XL	1	076370104
XXL	1	076370105
XXXL	1	076370106

## 7637G

technical sweatshirt, long-zipped, 250 g/m<sup>2</sup>,  
with hood  
fleece, 100% polyester, with inserts made from  
softshell fabric 100D, with bound fleece, 270 g/m<sup>2</sup>  
melange grey/black



XS	1	076370000
S	1	076370001
M	1	076370002
L	1	076370003
XL	1	076370004
XXL	1	076370005
XXXL	1	076370006

## 7642G

crew-neck sweatshirt, 240 g/m<sup>2</sup>,  
60% cotton, 40% polyester,  
melange grey, black inserts



XS	1	076420000
S	1	076420001
M	1	076420002
L	1	076420003
XL	1	076420004
XXL	1	076420005
XXXL	1	076420006

## 7643G

sweatshirt, short-zipped, 80% cotton, 20%  
polyester, 280 g/m<sup>2</sup>, anthracite/light grey



XS	1	076430000
S	1	076430001
M	1	076430002
L	1	076430003
XL	1	076430004
XXL	1	076430005
XXXL	1	076430006

## 7644GG

stretch sweatshirt, long-zipped, 280 g/m<sup>2</sup>,  
60% cotton, 40% polyester with graphene  
grey  
Temperature-regulating, breathable, easy care



XS	1	076440010
S	1	076440011
M	1	076440012
L	1	076440013
XL	1	076440014
XXL	1	076440015
XXXL	1	076440016

## 7654B

stretch microfleece sweater, short-zipped, 180  
g/m<sup>2</sup>, blue  
95% polyester, 5% spandex

SUBJECT TO AVAILABILITY



XS	1	076540100
S	1	076540101
M	1	076540102
L	1	076540103
XL	1	076540104
XXL	1	076540105
XXXL	1	076540106

## 7654N

stretch microfleece sweater, short-zipped, 180 g/m<sup>2</sup>,  
black 95% polyester, 5% spandex

SUBJECT TO AVAILABILITY



XS	1	076540000
S	1	076540001
M	1	076540002
L	1	076540003
XL	1	076540004
XXL	1	076540005
XXXL	1	076540006

## 7657B

stretch fleece sweater, long-zipped, 280 g/m<sup>2</sup>,  
blue  
95% polyester, 5% spandex

SUBJECT TO AVAILABILITY



XS	1	076570100
S	1	076570101
M	1	076570102
L	1	076570103
XL	1	076570104
XXL	1	076570105
XXXL	1	076570106



### 7657N

stretch fleece sweater, long-zipped, 280 g/m<sup>2</sup>, black

95% polyester, 5% spandex

**SUBJECT TO AVAILABILITY**



TOP line

SIZE	QTY	SKU
XS	1	076570000
S	1	076570001
M	1	076570002
L	1	076570003
XL	1	076570004
XXL	1	076570005
XXXL	1	076570006

### 7664N

sweatshirt, long-zipped, 280 g/m<sup>2</sup>, black

60% cotton, 40% polyester

**SUBJECT TO AVAILABILITY**



SIZE	QTY	SKU
XS	1	076640000
S	1	076640001
M	1	076640002
L	1	076640003
XL	1	076640004
XXL	1	076640005
XXXL	1	076640006

### 7665N

hoodie, long-zipped, 280 g/m<sup>2</sup>, black

60% cotton, 40% polyester

**SUBJECT TO AVAILABILITY**



SIZE	QTY	SKU
XS	1	076650000
S	1	076650001
M	1	076650002
L	1	076650003
XL	1	076650004
XXL	1	076650005
XXXL	1	076650006



### 7545F

flannel check work shirt, made from 100% cotton, 190 g/m<sup>2</sup>



SIZE	QTY	SKU
XS	1	075450200
S	1	075450201
M	1	075450202
L	1	075450203
XL	1	075450204
XXL	1	075450205
XXXL	1	075450206

### 7548M

modern print t-shirt, 100% cotton, 150 g/m<sup>2</sup>

**SUBJECT TO AVAILABILITY**



SIZE	QTY	SKU
XS	1	075480400
S	1	075480401
M	1	075480402
L	1	075480403
XL	1	075480404
XXL	1	075480405
XXXL	1	075480406

### 7548C

classic print t-shirt, 100% cotton, 150 g/m<sup>2</sup>

**SUBJECT TO AVAILABILITY**



SIZE	QTY	SKU
XS	1	075480500
S	1	075480501
M	1	075480502
L	1	075480503
XL	1	075480504
XXL	1	075480505
XXXL	1	075480506

### 7550G

technical work t-shirt, made from polyester, 120 g/m<sup>2</sup>, with 37.5° technology, grey with black, orange and reflex details



SIZE	QTY	SKU
XS	1	075500400
S	1	075500401
M	1	075500402
L	1	075500403
XL	1	075500404
XXL	1	075500405
XXXL	1	075500406

### 7550N

technical work t-shirt, made from polyester, 120 g/m<sup>2</sup> with 37.5° technology, black with grey, orange and reflex details



SIZE	QTY	SKU
XS	1	075500500
S	1	075500501
M	1	075500502
L	1	075500503
XL	1	075500504
XXL	1	075500505
XXXL	1	075500506





**7552BL**

three-button work polo shirt, made from piqué cotton, 200 g/m<sup>2</sup>, blue



XS	2	075520300
S	2	075520301
M	2	075520302
L	2	075520303
XL	2	075520304
XXL	2	075520305
XXXL	2	075520306

**7553BL**

work t-shirt, made from jersey cotton, 150 g/m<sup>2</sup>, blue



XS	5	075530300
S	5	075530301
M	5	075530302
L	5	075530303
XL	5	075530304
XXL	5	075530305
XXXL	5	075530306

**7553V**

work t-shirt made from jersey cotton, 150 g/m<sup>2</sup>, sage green



XS	5	075530600
S	5	075530601
M	5	075530602
L	5	075530603
XL	5	075530604
XXL	5	075530605
XXXL	5	075530606

**7552G**

three-button work polo shirt, made from piqué cotton, 200 g/m<sup>2</sup>, melange grey



XS	2	075520400
S	2	075520401
M	2	075520402
L	2	075520403
XL	2	075520404
XXL	2	075520405
XXXL	2	075520406

**7553G**

work t-shirt, made from jersey cotton, 150 g/m<sup>2</sup>, melange grey



XS	5	075530400
S	5	075530401
M	5	075530402
L	5	075530403
XL	5	075530404
XXL	5	075530405
XXXL	5	075530406

**7971B**

rain overtrousers, waterproof, made from PVC-coated polyester with thermo-taped seams, blue, resistance to water columns up to 2,000 mm  
With stretch waistband and adjustable press stud leg bottoms



EN 343

**7552N**

three-button work polo shirt, made from piqué cotton, 200 g/m<sup>2</sup>, black



XS	2	075520500
S	2	075520501
M	2	075520502
L	2	075520503
XL	2	075520504
XXL	2	075520505
XXXL	2	075520506

**7553N**

work t-shirt work, made from jersey cotton, 150 g/m<sup>2</sup>, black



XS	5	075530500
S	5	075530501
M	5	075530502
L	5	075530503
XL	5	075530504
XXL	5	075530505
XXXL	5	075530506

XS	1	079710200
S	1	079710201
M	1	079710202
L	1	079710203
XL	1	079710204
XXL	1	079710205
XXXL	1	079710206

## 7978B

rain jacket, waterproof, made from PVC-coated polyester, with fixed hood and thermo-taped seams, blue, resistance to water columns up to 2,000 mm  
With adjustable press stud sleeves

CE



EN 343

XS	1	079780200
S	1	079780201
M	1	079780202
L	1	079780203
XL	1	079780204
XXL	1	079780205
XXXL	1	079780206



# Beta



## UNDERWEAR

## 7996N

technical underwear set - technical undershirt, long-sleeved + technical underpants, 92% polyester, 8% spandex, 160 g/m<sup>2</sup>, black



XS-S	1	079960000
M-L	1	079960002
XL-XXL	1	079960004

## 7997GN

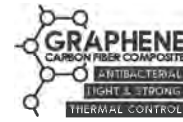
technical stretch undershirt, long-sleeved, 70% polyamide, 28% polyester with graphene, 2% elastane, 230 g/m<sup>2</sup>  
Black with grey details  
Temperature-regulating, breathable



XS-S	1	079970000
M-L	1	079970002
XL-XXL	1	079970004

## 7998GN

technical stretch underpants, 70% polyamide, 28% polyester with graphene, 2% elastane, 230 g/m<sup>2</sup>  
Black with grey details  
Temperature-regulating, breathable



XS-S	1	079980000
M-L	1	079980002
XL-XXL	1	079980004



# Beta



# ACCESSORIES

**7800G**  
work knee pads pair



7800G 1 078000500

**7980L**  
winter cap with rechargeable LED light and 100% acrylic cuff  
LED light with 3 brightness settings, up to 60 lumens  
one size fits all  
black

- Rechargeable via USB port
- Light brightness: up to 60 lumens
- Charging time: 80 minutes
- Battery life: 85 ÷ 290 minutes



7980L 1 079800200

**7980NC**  
fleece winter cap, 100% polyester, reversible (double-faced), camouflage black



7980NC 10 079800112

**7980RN**  
cuffed winter cap, 100% acrylic, lined with 3M Thinsulate™, one size only  
black



7980RN 10 079800120

**7981N**  
rainproof cap, 100% PU-coated nylon, with water-repellent treatment



L = Ø 58 cm 1 079810158  
XL = Ø 60 cm 1 079810160

**7982N**  
curved visor cap, 100% polyester, strap closure  
black



7982N 10 079820000

**7984G**  
work belt, 100% TPE, with chrome-plated zinc metal buckle  
one size fits all; length: 125 cm, can be shortened; width: 35 mm, black



7984G 1 079840525

**7985N**  
microfleece neck warmer with string adjuster, can also be used as a cap, black with grey and reflex details



7985N 10 079850000

**7104 90**  
plastic posts with fillable bases



7104 90 H mm 90 4 071040004

**7105 6**  
plastic barrier chain



7105 6 Ø mm 6 L m 25 1 071050006

**7109A**  
aluminium warning signs



7109A 1 H mm 140 1 071090001  
7109A 2 140 1 071090002  
7109A 3 140 1 071090003  
7109A 4 140 1 071090004

**7109D**  
prohibition signs



7109D 1 H mm 115 1 071090051  
7109D 2 115 1 071090052  
7109D 3 115 1 071090053



### 7061TC

safety glasses with clear polycarbonate lenses

CE EASY

EN166:2001  
EN170  
2C-1.2 1F



7061TC 1 070610001

### 7076BC

safety glasses with clear polycarbonate lenses

CE SPORT

EN166:2001  
EN172  
5-1.7 1F



7076BC 1 070760009

### 7076BD

safety glasses with polycarbonate lenses

CE SPORT

EN166:2001  
EN172  
5-3.1 1F



7076BD 1 070760019

### 7076BP

safety glasses with polarized polycarbonate lenses

CE SPORT

EN ISO 12312-1:2013+A1:2015  
EN 1836  
3P



7076BP 1 070760029

### 7076BU

safety glasses with orange polycarbonate lenses

CE

EN ISO 12311:2013  
UV 500



7076BU 1 070760039

### 7093BC

safety glasses with clear polycarbonate lenses

CE IMPACT

EN166:2001  
EN170  
2C-1.2 1F



7093BC 1 070930009

### 7093BD

safety glasses with dark polycarbonate lenses

CE IMPACT

EN166:2001  
EN172  
5-3.1 1F



7093BD 1 070930019



### C62M/WW

mannequin, realistic size, metal base



185 cm

C62M/WW 1 062000362

### C64

wall display for clothing and footwear, empty



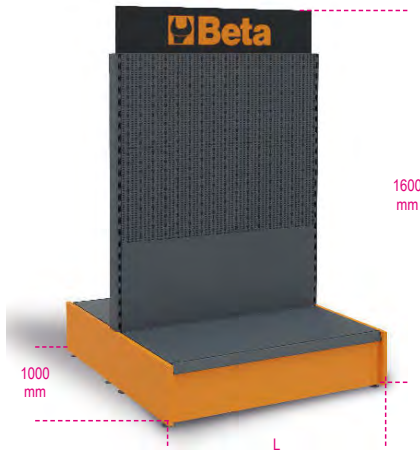
2400 mm

560 mm

L	
1 m	1 064000021
2 m	1 064000022
3 m	1 064000023
4 m	1 064000024

## C64G

"gondola" display for clothing and footwear, empty



L		
1 m	1	064000051
2 m	1	064000052

## C64CW

dressing room



C64CW	1	064000610
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## 6200AP/S10

set of 10 hangers



6200AP/S10	1	062000331
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## 6800BA



6800BA	1	068000130
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## 6800RS



6800RS	1	068000135
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## 6888GS

footwear hook for display C64



6888GS	2	068880122
170x120 mm		

## 6888GW

hook for display C64



6888GW	2	068880121
400 mm		

## 9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



	L	H	
	mm	mm	
9562TB	800	600	1 095620500

## 9565S

sheet steel drum with seat made of removable imitation leather



	H	ø	
	cm	cm	
9565S	60	38	1 095650300






# Robur

Since 1930 Robur has been manufacturing accessory lines for cables according to the acknowledged quality standards of Beta Utensili, whose products are complementary to those of Robur.

Expertise, organization and technology are the key ingredients of ongoing growth resulting from awareness of market requirements.

Since 1984 Robur has been headquartered in a state-of-the-art production facility in Sulmona.



**Special free service boxes**

## MAXIMUM WORKING LOAD

**WLL:** working load limit (for lifting accessories)

**WFL:** workforce limit (for accessories other than lifting accessories)

**BF:** maximum force achieved by the item during the static traction test

**LC:** lashing capacity

new item 2025

**8143SL**  
hand chain blocks  
with self-locking hooks

CE



EN13157

- Technical data:**
- Safety factor: 4
  - Serial identification tag
- Available certificates:**
- Manufacturer's Certificate
  - CE Declaration of Conformity
  - Test Report UNI EN10204 type 2.2
  - Technical Product Specifications

size

WLL	t	Lm	sfuerzo / effort	kg	code number
1	1	3	44	44	081430310
2	1	3	44	44	081430320
n.° of tools per box					
1	1	6	44	44	081430410
2	1	6	44	44	081430420

# HIGH-TENSILE TURNBUCKLES

Robur's high-tensile turnbuckles have been designed to provide cables and wires with proper tension in **structural applications**, including bracings, tensile structures and tie-down systems. They are also used in particular **lifting** systems for handling loads.

High **mechanical resistance**, a safety factor of **5:1**, **hot-dip galvanization** protecting surfaces from weather damage, **high-quality steel** and **heat treatment** as applied to both bodies and terminals make our high-tensile turnbuckles **must-haves, if safety is to be ensured in every single project.**



special free service boxes

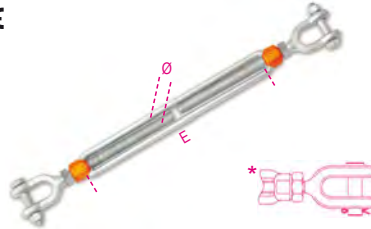


ØxE "				
3/8x6	1	1	081059010	
1/2x9	1	1	081059012	

## 8109

jaw and jaw turnbuckles  
high tensile steel, hot dip galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

### LABORATORY TESTS

- chemical analysis
  - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WLL kg		
3/8x6	M10x150	540	5	081090010
1/2x6	M12x150	1000	5	081090011
1/2x9	M12x230	1000	5	081090012
1/2x12	M12x300	1000	5	081090013
5/8x6	M16x150	1590	2	081090015
5/8x9	M16x230	1590	2	081090016
5/8x12	M16x300	1590	2	081090017
3/4x6	M20x150	2360	2	081090018
3/4x9	M20x230	2360	2	081090020
3/4x12	M20x300	2360	2	081090019
3/4x18	M20x460	2360	2	081090021
7/8x12	M22x300	3270	1	081090022
7/8x18	M22x460	3270	1	081090023
1x6	M24x150	4540	1	081090024
1x12	M24x300	4540	1	081090025
1x18	M24x460	4540	1	081090026
* 1.1/4x12	M33x300	6900	1	081090031
* 1.1/4x18	M33x460	6900	1	081090032
* 1.1/4x24	M33x610	6900	1	081090033
* 1.1/2x12	M39x300	9710	1	081090034
* 1.1/2x18	M39x460	9710	1	081090038
* 1.1/2x24	M39x610	9710	1	081090039
* 1.3/4x18	M45x460	12700	1	081090036

\* Round pin Jaw

Other sizes available upon request

special free service boxes



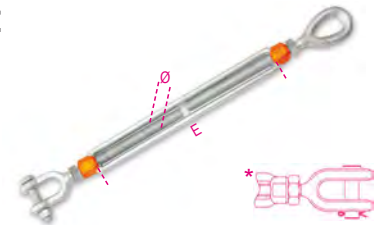
ØxE "				
3/8x6	1	1	081099010	
1/2x9	1	1	081099012	



## 8110

eye and jaw turnbuckles, high-tensile steel,  
hot dip galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- turnbuckle body treatment: normalizing
- turnbuckle eye treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
  - tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1
  - CE Declaration of Conformity

ØxE "	≈ mm	WLL kg		
3/8x6	M10x150	540	5	081100004
1/2x6	M12x150	1000	5	081100006
1/2x9	M12x230	1000	5	081100010
5/8x6	M16x150	1590	2	081100014
5/8x9	M16x230	1590	2	081100015
5/8x12	M16x300	1590	2	081100016
3/4x6	M20x150	2360	2	081100019
3/4x9	M20x230	2360	2	081100020
3/4x12	M20x300	2360	2	081100021
7/8x12	M22x300	3270	1	081100022
1x6	M24x150	4540	1	081100027
1x12	M24x300	4540	1	081100029
* 1.1/4x12	M33x300	6900	1	081100034
* 1.1/4x18	M33x460	6900	1	081100035
* 1.1/4x24	M33x610	6900	1	081100036
* 1.1/2x12	M39x300	9710	1	081100038
* 1.1/2x18	M39x460	9710	1	081100039
* 1.3/4x18	M45x460	12700	1	081100044

\* Jaw with through pin and split pin

## 8105

eye and eye turnbuckles  
high tensile steel, hot dip galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

### LABORATORY TESTS

- chemical analysis
  - tensile test
  - proof load test 2 x WFL
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WLL kg		
3/8x6	M10x150	540	5	081050010
1/2x6	M12x150	1000	5	081050011
1/2x9	M12x230	1000	5	081050012
5/8x6	M16x150	1590	2	081050014
5/8x9	M16x230	1590	2	081050016
5/8x12	M16x300	1590	2	081050015
3/4x6	M20x150	2360	2	081050017
3/4x9	M20x230	2360	2	081050020
3/4x12	M20x300	2360	2	081050018
3/4x18	M20x460	2360	2	081050021
7/8x12	M22x300	3270	1	081050022
1x6	M24x150	4540	1	081050024
1x12	M24x300	4540	1	081050025
1x18	M24x460	4540	1	081050026
* 1.1/4x12	M33x300	6900	1	081050031
* 1.1/4x18	M33x460	6900	1	081050032
* 1.1/4x24	M33x610	6900	1	081050033
* 1.1/2x12	M39x300	9710	1	081050034
* 1.1/2x18	M39x460	9710	1	081050035
* 1.3/4x18	M45x460	12700	1	081050036

Other sizes available upon request

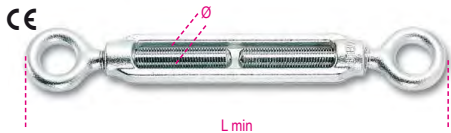
# TURNBUCKLES

The original design of **Robur's** established turnbuckles is extremely popular among Italian designers and structural engineers, based on precise dimensional tolerances, strength values higher than models DIN 1480 as well as traceability guaranteed by both the manufacturer and the identification code on the bodies.

First-rate electrolytic galvanizing, with uniform deposits free from hexavalent chromium, results in good weathering resistance and neat appearance of exposed structural elements.



**8005Z**  
eye and eye turnbuckles,  
galvanized



## TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈"	L min mm	WFL kg	📦	🚚
M5	3/16	118	115	400	080050105
M6	1/4	130	160	300	080050106
M8	5/16	158	300	200	080050108
M10	3/8	192	470	100	080050110
M11	7/16	206	580	80	080050111
M12	1/2	226	690	60	080050112
M14	9/16	256	940	15	080050114
M16	5/8	290	1290	10	080050116
M18	11/16	358	1660	1	080050118
M20	3/4	358	2130	1	080050120
M22	7/8	400	2630	1	080050122
M24	1"	436	3060	1	080050124
M27	1 1/8	474	4000	1	080050125
M30	1 3/16	498	4860	1	080050130
M33	1 1/4	516	6040	1	080050126
M36	1 3/8	532	6500	1	080050136
M39	1 1/2	544	7900	1	080050139

Whitworth thread subject to availability  
New batches with metric thread

## special packaging



Ø mm	≈"	📦	🚚
M5	3/16	30	1 080050705
M6	1/4	30	1 080050706
M8	5/16	20	1 080050708
M10	3/8	15	1 080050710
M11	7/16	15	1 080050711
M12	1/2	15	1 080050712

## special free service boxes

Ø mm	📦	🚚
M5	2	1 080059305
M6	2	1 080059306
M8	1	1 080059108
M10	1	1 080059110
M11	1	1 080059111
M12	1	1 080059112
M14	1	1 080059114
M16	1	1 080059116

**8005TZ**  
hot-forged eye and eye turnbuckles  
pipe bodies,galvanized



## TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈"	WFL kg	📦	🚚
M12	1/2	690	15	080050512
M16	5/8	1290	1	080050516
M20	3/4	2130	1	080050520
M24	1"	3060	1	080050524
M27	1 1/8	4000	1	080050527
M30	1 3/16	4860	1	080050530
M36	1 3/8	6500	1	080050536

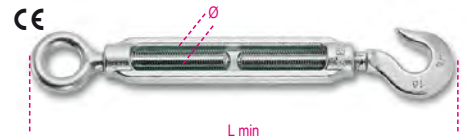
## special free service boxes

Ø mm	📦	🚚
M12	1	1 080059512

# Robur

# Robur

**8006Z**  
hook and eye turnbuckles,  
galvanized



## TECHNICAL DATA

- safety factor: 4
- LABORATORY TESTS
- chemical analysis
- tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈"	L min mm	WFL kg	📦	🚚
M5	3/16	121	25	400	080060105
M6	1/4	132	45	250	080060106
M8	5/16	170	95	180	080060108
M10	3/8	204	140	100	080060110
M11	7/16	221	165	15	080060111
M12	1/2	244	300	15	080060112
M14	9/16	284	420	10	080060114
M16	5/8	322	570	1	080060116
M18	11/16	373	700	1	080060118
M20	3/4	391	900	1	080060120
M22	7/8	433	1100	1	080060122
M24	1"	470	1300	1	080060124
M27	1 1/8	503	2300	1	080060127

## special packaging



Ø mm	≈"	📦	🚚
M5	3/16	30	1 080060705
M6	1/4	30	1 080060706
M8	5/16	20	1 080060708
M10	3/8	15	1 080060710

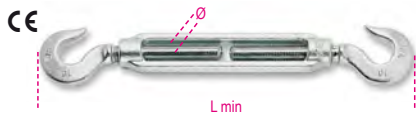
## special free service boxes

Ø mm	📦	🚚
M5	2	1 080069305
M6	2	1 080069306
M8	1	1 080069108
M10	1	1 080069110
M11	1	1 080069111
M12	1	1 080069112
M14	1	1 080069114



## 8007Z

hook and hook turnbuckles, galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	📦	🚚
M5	3/16	124	25	30	080070105
M6	1/4	134	45	30	080070106
M8	5/16	181	95	20	080070108
M10	3/8	211	140	15	080070110
M11	7/16	231	165	15	080070111
M12	1/2	262	300	15	080070112
M14	9/16	312	420	1	080070114
M16	5/8	354	570	1	080070116
M18	11/16	388	700	1	080070118
M20	3/4	424	900	1	080070120
M22	7/8	466	1100	1	080070122
M24	1"	504	1300	1	080070124
M27	1 1/8	532	2300	1	080070127

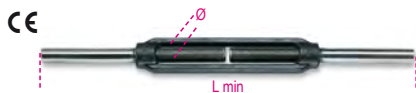
special free service boxes



Ø mm	📦	🚚	
M5	2	1	080079305
M6	2	1	080079306
M8	1	1	080079108
M10	1	1	080079110
M11	1	1	080079111
M12	1	1	080079112

## 8008N

stub and stub turnbuckles self-coloured



### TECHNICAL DATA

• safety coefficient: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	📦	🚚
M5	3/16	160	115	30	080080205
M6	1/4	180	160	30	080080206
M8	5/16	210	300	20	080080208
M10	3/8	250	470	15	080080210
M12	1/2	280	690	15	080080212
M14	9/16	340	940	5	080080214
M16	5/8	380	1290	5	080080216
M18	11/16	410	1660	3	080080218
M20	3/4	440	2130	3	080080220
M22	7/8	480	2630	2	080080222
M24	1"	520	3060	2	080080224
M27	1 1/8	560	4000	1	080080227
M30	1 3/16	560	4860	1	080080230
M33	1 1/4	600	6040	1	080080233
M36	1 3/8	600	6500	1	080080236
M39	1 1/2	600	7900	1	080080239

Whitworth thread subject to availability  
New batches with metric thread

special free service boxes



Ø mm	📦	🚚	
M5	2	1	080089305
M6	2	1	080089306
M8	1	1	080089208
M10	1	1	080089210
M12	1	1	080089212
M14	1	1	080089214

## 8008TZN

stub and stub turnbuckles, pipe bodies DIN 1478, self-coloured terminals, galvanised bodies



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204
- CE Declaration of Conformity

Ø mm	≈	WFL kg	📦	🚚
M12	1/2	690	10	080080512
M16	5/8	1290	1	080080516
M20	3/4	2130	1	080080520
M24	1	3060	1	080080524
M27	1.1/8	4000	1	080080527
M30	1.3/16	4860	1	080080530
M36	1.3/8	6500	1	080080536

## 8009Z

jaw and jaw turnbuckles, galvanized



### TECHNICAL DATA

• safety coefficient: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg	📦	🚚
M8	5/16	192	300	15	080090008
M10	3/8	234	470	15	080090010
M12	1/2	274	690	15	080090012
M14	9/16	342	940	1	080090014
M16	5/8	372	1290	1	080090016
M18	11/16	406	1660	1	080090018
M20	3/4	406	2130	1	080090020
M22	7/8	466	2630	1	080090022
M24	1"	486	3060	1	080090024
M27	1 1/8	510	4000	1	080090027
M30	1 3/16	566	4860	1	080090030

special packaging



Ø mm	≈	📦	🚚	
M8	5/16	5	1	080090708
M10	3/8	5	1	080090710
M12	1/2	5	1	080090712

special free service boxes



Ø mm	📦	🚚	
M8	1	1	080099008
M10	1	1	080099010
M12	1	1	080099012

## 8009TZ

jaw and jaw turnbuckles, pipe bodies, DIN 1478 galvanized



### TECHNICAL DATA

• safety coefficient: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	≈	WFL kg	📦	🚚
M12	1/2	690	10	080090512
M16	5/8	1290	1	080090516
M20	3/4	2130	1	080090520
M24	1	3060	1	080090524
M27	1.1/8	4000	1	080090527
M30	1.3/16	4860	1	080090530

special free service boxes

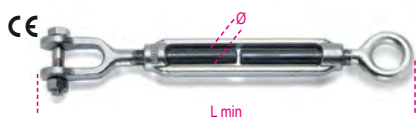


Ø mm	📦	🚚	
M12	1	1	080099512



## 8010Z

eye and jaw turnbuckles,  
galvanized



### TECHNICAL DATA

• safety coefficient: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg		
M8	5/16	175	300	20	080100008
M10	3/8	215	470	15	080100010
M12	1/2	250	690	10	080100012
M14	9/16	299	940	10	080100014
M16	5/8	331	1290	1	080100016
M18	11/16	382	1660	1	080100018
M20	3/4	382	2130	1	080100020
M22	7/8	433	2630	1	080100022
M24	1"	461	3060	1	080100024
M27	1 1/8	492	4000	1	080100027
M30	1 3/16	529	4860	1	080100030

special free service boxes



Ø mm			
M8	1	1	080109008
M10	1	1	080109010
M12	1	1	080109012
M14	1	1	080109014

## 8010TZ

eye and jaw turnbuckles,  
pipe bodies DIN 1478,  
galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS • chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Production specifications

• Test report type 2.2 UNI EN10204

• CE Declaration of Conformity

Ø mm	≈	WFL kg		
M12	1/2	690	10	080100612
M16	5/8	1290	1	080100616
M20	3/4	2130	1	080100620
M24	1	3060	1	080100624
M27	1.1/8	4000	1	080100627
M30	1.3/16	4860	1	080100630

## 8011Z

hook and jaw turnbuckles,  
galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Product specification

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg		
M12	1/2	270	300	1	080110112
M16	5/8	360	570	1	080110116
M20	3/4	420	900	1	080110120
M24	1"	490	1300	1	080110124
M27	1 1/8	500	2300	1	080110127

## 8011TZ

hook and jaw turnbuckles,  
pipe bodies DIN 1478,  
galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Product specification

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L min mm	WFL kg		
M12	1/2	260	300	1	080110612
M16	5/8	350	570	1	080110616
M20	3/4	400	900	1	080110620
M24	1"	490	1300	1	080110624
M27	1 1/8	500	2300	1	080110627

## 8001Z

turnbuckle bodies,  
galvanized



### TECHNICAL DATA

• safety factor: 4

• traceability code

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L mm	WFL kg		
M5	3/16	80	115	100	080010105
M6	1/4	80	160	100	080010106
M8	5/16	105	300	25	080010108
M10	3/8	125	470	20	080010110
M11	7/16	135	580	15	080010111
M12	1/2	140	690	20	080010112
M14	9/16	170	940	15	080010114
M16	5/8	190	1290	15	080010116
M18	11/16	205	1660	10	080010118
M20	3/4	220	2130	10	080010120

Ø mm	≈	L mm	WFL kg		
M22	7/8	240	2630	8	080010122
M24	1"	260	3060	5	080010124
M27	1 1/8	270	4000	1	080010127
M30	1 3/16	280	4860	1	080010130
M33	1 1/4	290	6040	1	080010133
M36	1 3/8	300	6500	1	080010136
M39	1 1/2	300	7900	1	080010139

Whitworth thread subject to availability

New batches with metric thread

special free service boxes



Ø mm			
M5	2	1	080019305
M6	2	1	080019306
M8	1	1	080019108
M10	1	1	080019110
M11	1	1	080019111
M12	1	1	080019112
M14	1	1	080019114
M16	1	1	080019116
M18	1	1	080019118
M20	1	1	080019120
M22	1	1	080019122
M24	1	1	080019124

## 8001TZ

pipe turnbuckle bodies,  
galvanized



DIN 1478

### TECHNICAL DATA

• safety factor: 4

• traceability code

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Declaration of Conformity

Ø mm	≈	L mm	WFL kg		
M12	1/2	125	690	10	080010512
M16	5/8	170	1290	5	080010516
M20	3/4	200	2130	5	080010520
M24	1	255	3060	3	080010524
* M27	1.1/8	255	4000	1	080010527
M30	1.3/16	255	4860	1	080010530
M36	1.3/8	295	6500	1	080010536
M42	1.5/8	330	9700	1	080010542

\* Sizes not contemplated by the standard

special free service boxes

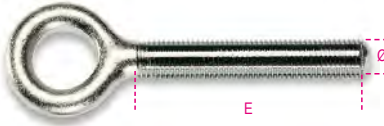


Ø mm			
M12	1	1	080019512
M16	1	1	080019516
M20	1	1	080019520
M24	1	1	080019524



## 8002ZD

turnbuckle eyes  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	200	080020105
M6	1/4	40	160	150	080020106
M8	5/16	52	300	100	080020108
M10	3/8	60	470	100	080020110
M11	7/16	65	580	1	080020111
M12	1/2	72	690	50	080020112
M14	9/16	85	940	1	080020114
M16	5/8	95	1290	1	080020116
M18	11/16	103	1660	1	080020118
M20	3/4	110	2130	1	080020120
M22	7/8	120	2630	1	080020122
M24	1"	130	3060	1	080020124
M27	1"1/8	135	4000	1	080020127
M30	1"3/16	140	4860	1	080020130
M33	1"1/4	148	6040	1	080020133
M36	1"3/8	150	6500	1	080020198
M39	1"1/2	150	7900	1	080020199

Whitworth thread subject to availability

New batches with metric thread

### left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	37	115	1	080020305
M6	1/4	40	160	1	080020306
M8	5/16	52	300	1	080020308
M10	3/8	60	470	1	080020310
M11	7/16	65	580	1	080020311
M12	1/2	72	690	1	080020312
M14	9/16	85	940	1	080020314
M16	5/8	95	1290	1	080020316
M18	11/16	103	1660	1	080020318
M20	3/4	110	2130	1	080020320
M22	7/8	120	2630	1	080020322
M24	1"	130	3060	1	080020324
M27	1"1/8	135	4000	1	080020327
M30	1"3/16	140	4860	1	080020330
M33	1"1/4	148	6040	1	080020333
M36	1"3/8	150	6500	1	080020398
M39	1"1/2	150	7900	1	080020399



# Robur

## 8003ZD

turnbuckle hooks  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	25	150	080030105
M6	1/4	40	45	120	080030106
M8	5/16	52	95	100	080030108
M10	3/8	60	140	70	080030110
M11	7/16	65	165	1	080030111
M12	1/2	70	300	30	080030112
M14	9/16	85	420	1	080030114
M16	5/8	95	570	1	080030116
M18	11/16	103	700	1	080030118
M20	3/4	110	900	1	080030120
M22	7/8	120	1100	1	080030122
M24	1"	130	1300	1	080030124
M27	1"1/8	135	2300	1	080030127

### left-handed thread

Ø mm	≈ "	WFL kg	E mm		
M5	3/16	40	25	1	080030305
M6	1/4	40	45	1	080030306
M8	5/16	52	95	1	080030308
M10	3/8	60	140	1	080030310
M11	7/16	65	165	1	080030311
M12	1/2	70	300	1	080030312
M14	9/16	85	420	1	080030314
M16	5/8	95	570	1	080030316
M18	11/16	103	700	1	080030318
M20	3/4	110	900	1	080030320
M22	7/8	120	1100	1	080030322
M24	1"	130	1300	1	080030324
M27	1"1/8	135	2300	1	080030327

## 8004ND

turnbuckle stubs  
right-handed thread, self-coloured



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040005
M6	1/4	44	160	1	080040006
M8	5/16	53	300	1	080040008
M10	3/8	63	470	1	080040010
M12	1/2	70	690	1	080040012
M14	9/16	85	940	1	080040014
M16	5/8	95	1290	1	080040016
M18	11/16	103	1660	1	080040018
M20	3/4	110	2130	1	080040020
M22	7/8	120	2630	1	080040022
M24	1"	130	3060	1	080040024
M27	1"1/8	135	4000	1	080040027
M30	1"3/16	140	4860	1	080040030
M33	1"1/4	150	6040	1	080040033
M36	1"3/8	150	6500	1	080040098
M39	1"1/2	150	7900	1	080040099

Whitworth thread subject to availability

New batches with metric thread

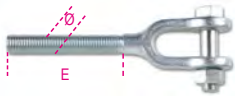
### left-handed thread

Ø mm	≈ "	E mm	WFL kg		
M5	3/16	40	115	1	080040105
M6	1/4	44	160	1	080040106
M8	5/16	53	300	1	080040108
M10	3/8	63	470	1	080040110
M12	1/2	70	690	1	080040112
M14	9/16	85	940	1	080040114
M16	5/8	95	1290	1	080040116
M18	11/16	103	1660	1	080040118
M20	3/4	110	2130	1	080040120
M22	7/8	120	2630	1	080040122
M24	1"	130	3060	1	080040124
M27	1"1/8	135	4000	1	080040127
M30	1"3/16	140	4860	1	080040130
M33	1"1/4	150	6040	1	080040133
M36	1"3/8	150	6500	1	080040198
M39	1"1/2	150	7900	1	080040199



## 8009FD

turnbuckle jaws  
right-handed thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### LABORATORY TESTS

• chemical analysis  
• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	≈ "	E mm	WFL kg		
M8	5/16	53	300	1	080090208
M10	3/8	63	470	1	080090210
M12	1/2	70	690	1	080090212
M14	9/16	85	940	1	080090214
M16	5/8	95	1290	1	080090216
M18	11/16	103	1660	1	080090218
M20	3/4	110	2130	1	080090220
M22	7/8	120	2630	1	080090222
M24	1"	130	3060	1	080090224
M27	1 1/8	135	4000	1	080090227
M30	1 3/16	140	4860	1	080090230

### left-handed thread

Ø mm	≈ "	WFL kg	G mm		
M8	5/16	53	300	1	080090408
M10	3/8	63	470	1	080090410
M12	1/2	70	690	1	080090412
M14	9/16	85	940	1	080090414
M16	5/8	95	1290	1	080090416
M18	11/16	103	1660	1	080090418
M20	3/4	110	2130	1	080090420
M22	7/8	120	2630	1	080090422
M24	1"	130	3060	1	080090424
M27	1 1/8	135	4000	1	080090427
M30	1 3/16	140	4860	1	080090430

## 8048

eye tie rods right thread  
self-coloured



UNI 6058

ØxL mm	WFL kg	F mm	E mm		
M8x50	430	6	39	20	080480108
M8x65	430	6	54	20	080480109
M10x80	690	8	66	10	080480110
M10x100	690	8	86	10	080480210
M10x130	690	8	116	10	080480111
M12x70	1020	10	53	8	080480212
M12x95	1020	10	78	8	080480112
M12x125	1020	10	108	8	080480113
M14x110	1420	12	91	6	080480114
M16x100	1980	14	79	6	080480115
M16x130	1980	14	109	6	080480116
M18x150	2390	16	126	2	080480118
M20x160	3100	18	134	2	080480120
M22x180	3890	18	152	1	080480122
M24x200	4460	20	168	1	080480124
M24x220	4460	20	188	1	080480125
M27x220	5900	22	185	1	080480127

## 8302Z

fastening eye bolts,  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg		
M5	48	8	115	200	083020005
M6	55	10	160	150	083020006
M8	60	12	300	100	083020008
M10	73	14	470	100	083020010
M12	90	17	690	50	083020012

### special packaging



Ø mm	E mm				
M5	48	100	1	083020705	
M6	55	75	1	083020706	
M8	60	50	1	083020708	
M10	73	50	1	083020710	
M12	90	25	1	083020712	

## 8303Z

fastening hooks  
right thread, galvanized



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

• Technical product specifications  
• Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg		
M5	6,0	48	25	120	083030005
M6	8,0	55	45	100	083030006
M8	10,0	60	95	75	083030008
M10	12,5	73	140	50	083030010
M12	16,0	90	220	20	083030012

### special packaging



Ø mm	C mm				
M5	6,0	60	1	083030705	
M6	8,0	50	1	083030706	
M8	10,0	30	1	083030708	
M10	12,5	25	1	083030710	
M12	16,0	10	1	083030712	

## 8702N - 8702Z - 8702ZC

swage sockets made from forged steel

closed  
self-coloured



### TECHNICAL DATA

• traceability code

### LABORATORY TESTS

• chemical analysis  
• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2  
• Inspection certificate UNI EN10204 type 3.1

M	Ø B mm	Ø A mm	Ø D mm		
6	6,8	13	19	1	087020106
8	8,8	20	22	1	087020108
9	9,8	20	22	1	087020109
10	10,8	20	22	1	087020110
11	11,8	25	27	1	087020111
12	12,8	25	27	1	087020112
13	13,8	25	27	1	087020113
14	14,8	32	32	1	087020114
15	15,9	32	32	1	087020115
16	17,0	32	32	1	087020116
18	19,0	39	37	1	087020118
19	20,0	39	37	1	087020119
20	21,1	39	37	1	087020120
22	23,2	43	43	1	087020122
24	25,4	50	52	1	087020124
25	26,4	50	52	1	087020125
26	27,4	50	52	1	087020126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

### 8702Z galvanized

M	Ø B mm	Ø A mm	Ø D mm		
6	6,8	13	19	1	087020306
8	8,8	20	22	1	087020308
9	9,8	20	22	1	087020309
10	10,8	20	22	1	087020310
11	11,8	25	27	1	087020311
12	12,8	25	27	1	087020312
13	13,8	25	27	1	087020313
14	14,8	32	32	1	087020314
15	15,9	32	32	1	087020315
16	17,0	32	32	1	087020316
18	19,0	39	37	1	087020318
19	20,0	39	37	1	087020319
20	21,1	39	37	1	087020320
22	23,2	43	43	1	087020322
24	25,4	50	52	1	087020324
25	26,4	50	52	1	087020325
26	27,4	50	52	1	087020326

### 8702ZC hot-dip galvanized

M	Ø B mm	Ø A mm	Ø D mm		
6	6,8	13	19	1	087020206
8	8,8	20	22	1	087020208
9	9,8	20	22	1	087020209
10	10,8	20	22	1	087020210
11	11,8	25	27	1	087020211
12	12,8	25	27	1	087020212
13	13,8	25	27	1	087020213
14	14,8	32	32	1	087020214
15	15,9	32	32	1	087020215
16	17,0	32	32	1	087020216
18	19,0	39	37	1	087020218
19	20,0	39	37	1	087020219
20	21,1	39	37	1	087020220
22	23,2	43	43	1	087020222
24	25,4	50	52	1	087020224
25	26,4	50	52	1	087020225
26	27,4	50	52	1	087020226

## 8709N - 8709Z - 8709ZC

swage sockets made from forged steel open black



### TECHNICAL DATA

• traceability code

### LABORATORY TESTS

• chemical analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• Inspection certificate UNI EN10204 type 3.1

M	Ø B mm	Ø A mm	Ø C mm		
6	6,8	13	17	1	087090106
8	8,8	20	21	1	087090108
9	9,8	20	21	1	087090109
10	10,8	20	21	1	087090110
11	11,8	25	25	1	087090111
12	12,8	25	25	1	087090112
13	13,8	25	25	1	087090113
14	14,8	32	30	1	087090114
15	15,9	32	30	1	087090115
16	17,0	32	30	1	087090116
18	19,0	39	35	1	087090118
19	20,0	39	35	1	087090119
20	21,1	39	35	1	087090120
22	23,2	43	41	1	087090122
24	25,4	50	51	1	087090124
25	26,4	50	51	1	087090125
26	27,4	50	51	1	087090126

Socket swaging requires suitable presses and dies and can only be performed by trained staff.

## 8709Z galvanized

M	Ø B mm	Ø A mm	Ø C mm		
6	6,8	13	17	1	087090306
8	8,8	20	21	1	087090308
9	9,8	20	21	1	087090309
10	10,8	20	21	1	087090310
11	11,8	25	25	1	087090311
12	12,8	25	25	1	087090312
13	13,8	25	25	1	087090313
14	14,8	32	30	1	087090314
15	15,9	32	30	1	087090315
16	17,0	32	30	1	087090316
18	19,0	39	35	1	087090318
19	20,0	39	35	1	087090319
20	21,0	39	35	1	087090320
22	23,2	43	41	1	087090322
24	25,4	50	51	1	087090324
25	26,4	50	51	1	087090325
26	27,4	50	51	1	087090326

## 8709ZC hot-dip galvanized

M	Ø B mm	Ø A mm	Ø C mm		
6	6,8	13	17	1	087090206
8	8,8	20	21	1	087090208
9	9,8	20	21	1	087090209
10	10,8	20	21	1	087090210
11	11,8	25	25	1	087090211
12	12,8	25	25	1	087090212
13	13,8	25	25	1	087090213
14	14,8	32	30	1	087090214
15	15,9	32	30	1	087090215
16	17,0	32	30	1	087090216
18	19,0	39	35	1	087090218
19	20,0	39	35	1	087090219
20	21,1	39	35	1	087090220
22	23,2	43	41	1	087090222
24	25,4	50	51	1	087090224
25	26,4	50	51	1	087090225
26	27,4	50	51	1	087090226

## WIRE ROPE CLIPS

Professional wire rope clips make it possible to obtain slots of strand wire ropes with steel cores, for use with tie-down and tensioning systems. Unlike many commercially available products, our wire rope clips DO NOT have cast iron bodies.

Indeed, in order to ensure optimal mechanical performance in heavy duty jobs, the bases are hot forged and are on average heavier than similar items. First-rate electrolytic galvanizing, free from hexavalent chromium, provides good corrosion resistance and enhances appearance.

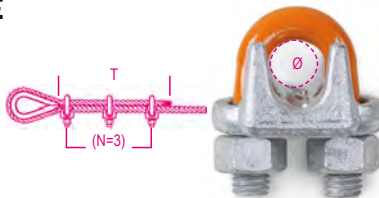
During the several decades of the Company's history, all these hallmarks have made item 8016 into the icon of the Robur brand, allowing 'Italian-style' wire rope clips to stand out worldwide.



## 8015

wire rope clips, American type, steel body, hot-dip galvanized

CE



dimensioni EN 13411-5 tipo B

### TECHNICAL DATA

• traceability code

### LABORATORY TESTS

• chemical analysis

• torque test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• Manufacturer's Certificate UNI EN13411-5

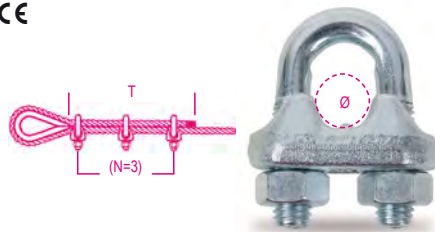
• CE Declaration of Conformity

Ø mm	Ø "	NxT	Nm		
8	5/16	3x133	40,7	12	080150808
9-10	3/8	3x165	61	12	080150810
11-13	1/2	3x292	88	6	080150813
14-16	5/8	3x305	129	6	080150816
18-20	3/4	4x460	176	6	080150820
22	7/8	4x480	305	6	080150822
24-26	1	5x660	305	5	080150826
28-30	1-1/8	6x860	305	2	080150830

## 8016

wire rope clips, hot forged steel body, galvanized

CE



### TECHNICAL DATA

• chemical analysis

• torque test

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• CE Certificate of Conformity

Ø mm	Ø "	NxT	Nm		
3	1/8	3x80	1,53	500	080160003
5	3/16	3x110	3,02	300	080160005
6	1/4	3x120	5,19	200	080160006
8	5/16	5x210	5,19	150	080160008
10	3/8	5x240	12,54	70	080160010
11	7/16	5x260	12,54	70	080160011
12-13	1/2	5x300	24,76	40	080160013
14	9/16	5x295	24,76	35	080160014
16	5/8	5x335	24,76	30	080160016
18	11/16	5x380	42,42	30	080160018
20	3/4	5x540	42,42	30	080160020
22	7/8	7x595	42,42	25	080160022
24-26	1"	7x700	67,56	15	080160026
28	1"1/16	8x840	67,56	5	080160028
30-32	1"1/8	8x990	67,56	5	080160030
34-36	1"1/4	8x1155	105,80	4	080160034
38-40	1"1/2	8x1320	105,80	2	080160040
45-50	2"	8x1500	206	1	080160050

## special packaging



Ø mm	Ø "	NxT		
3	1/8	100	100	1 080160703
5	3/16	50	50	1 080160705
6	1/4	50	50	1 080160706
8	5/16	30	30	1 080160708
10	3/8	30	30	1 080160710
11	7/16	25	25	1 080160711
12-13	1/2	15	15	1 080160713

## special free service boxes

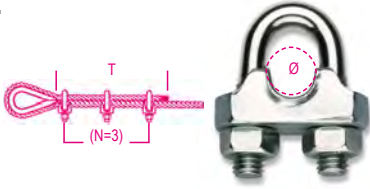


Ø mm			
3	6	1	080169403
5	4	1	080169405
6	4	1	080169406
8	4	1	080169408
10	2	1	080169410
11	1	1	080169011
12-13	1	1	080169013
14	1	1	080169014
16	1	1	080169016
18	1	1	080169018
20	1	1	080169020
22	1	1	080169022
24-26	1	1	080169026

## 8016FR

wire rope clips,  
cold pressed steel body,  
galvanized

CE



### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
3	1/8	3x80	1,25	500	080160253
5	3/16	3x110	2,46	300	080160255
6	1/4	3x120	4,24	200	080160256
8	5/16	5x210	4,24	150	080160258

## 8018E

wire rope clips, ENEL type,  
hot forged steel body, hot-dip galvanized  
U-bolts and nuts with chemical galv. protection



### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
4+6	M6	34	4,24	100	080180001

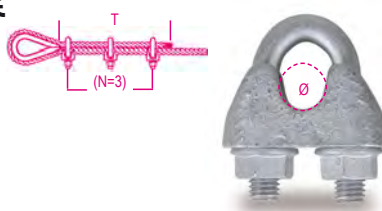
# Robur



## 8016U2

wire rope clips  
malleable cast iron body  
galvanized

CE



dimensioni EN 13411-5 tipo A

### TECHNICAL DATA

- traceability code

### LABORATORY TESTS

- chemical analysis
- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
5	3/16	3x156	2,0	300	080160855
6,5	1/4	3x192	3,5	150	080160856
8	5/16	4x320	6	70	080160858
10	3/8	4x320	9	60	080160860
12	1/2	4x384	20	25	080160862
14	9/16	4x448	33	15	080160864
16	5/8	4x512	49	10	080160866
19	3/4	4x512	68	10	080160869
22	7/8	5x680	107	10	080160872
26	1	5x760	147	5	080160876
30	1.1/8	6x984	212	5	080160880
34	1.1/4	6x1080	296	5	080160884
40	1.1/2	6x1176	363	5	080160890

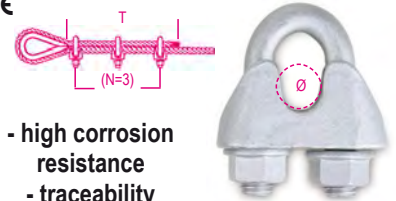
special free service boxes

Ø mm			
5	4	1	080169805
6	4	1	080169806
8	4	1	080169808
10	2	1	080169810
12	1	1	080169612
14	1	1	080169614
16	1	1	080169616
19	1	1	080169619
22	1	1	080169622
26	1	1	080169626

## 8016UGK

wire rope clips,  
made of malleable cast iron,  
HOT DIP GALVANIZED body,  
GEOMET-GEOKOTE U-bolts and nuts

CE



- high corrosion resistance
- traceability code

dimensioni EN 13411-5 tipo A

### TECHNICAL DATA

- traceability code

### LABORATORY TESTS

- chemical analysis
- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Declaration of conformity

Ø mm	Ø "	N x T	Nm		
8	5/16	4x320	6	70	080160758
10	3/8	4x320	9	60	080160760
12	1/2	4x448	33	25	080160762
14	9/16	4x384	20	15	080160764
16	5/8	4x512	49	10	080160766
19	3/4	4x512	68	10	080160769
22	7/8	5x680	107	10	080160772
26	1	5x760	147	5	080160776
30	1.1/8	6x984	212	1	080160780
34	1.1/4	6x1080	296	1	080160784
40	1.1/2	6x1176	363	1	080160790

## 8018T

wire rope clips, TELECOM type  
malleable cast iron body  
galvanized



RUM-MU-21:1980

### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

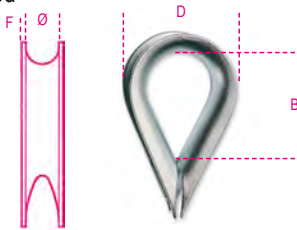
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
8+10	M8	42	10,20	200	080180003

# Robur

## 8020A

thimbles, Italian light type, galvanized



### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	F mm	B mm	D mm		
2-3	1,0	20	18	150	080200503
4	1,2	23	19	150	080200504
5	1,2	24	23	100	080200505
6	1,2	27	28	100	080200506
8	1,4	33	32	50	080200508
10	1,8	41	38	30	080200510
12	2,2	44	45	30	080200512
14	2,2	52	49	50	080200514
16	3,0	58	58	50	080200516
18	3,7	64	68	50	080200518
20	3,7	73	74	35	080200520
22	3,7	83	79	30	080200522
24	3,7	93	88	20	080200525

### special packaging

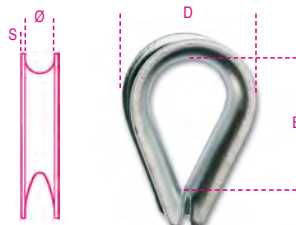


Ø mm	S mm			
2-3	0,8	150	1	080200703
4	1,0	150	1	080200704
5	1,0	100	1	080200705
6	1,0	100	1	080200706
8	1,2	50	1	080200708
10	1,5	30	1	080200710



## 8021A

thimbles, heavy type, galvanized



### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	S mm	B mm	D mm		
2-3	0,6	15	16	150	080210103
5	1,7	29	28	120	080210105
6	1,8	33	30	100	080210106
8	2,5	36	37	100	080210108
10	2,5	42	43	80	080210110
12	2,5	48	50	100	080210112
14	2,7	58	57	70	080210114
16	3	61	62	50	080210116
18	3,5	71	71	70	080210118
20	4	79	79	30	080210120
22	4	87	84	25	080210122
24	4	93	92	25	080210124
26	4	103	103	20	080210126
28	5	107	116	1	080210128
30	5	118	121	1	080210130
32	5,5	138	135	1	080210132
35	6	140	147	1	080210135
40	6,0	174	170	1	080210140

## SHACKLES

Unlike similar products, Robur's high-tensile shackles are made entirely from hardened and tempered chrome molybdenum alloy steel, and designed to exceed 20,000 full-load cycles in laboratory tests. Therefore, they stand out in their category, as the best option for heavy-duty jobs, with a safety factor exceeding requirements under reference standards (6:1 instead of 5:1) and excellent resilience at low temperatures.

Robur's mild steel shackles are synonymous with reliability and effectiveness in time, based on top-quality raw material, exquisite mechanical workmanship and heat treatment (normalizing), which allow a high work load and safety factor to be reached compared to those of similar commercially available products.

Clear, indelible marking on each piece makes it possible to identify the origin of the shackle, e.g. in case of inspections by auditing companies or competent bodies.

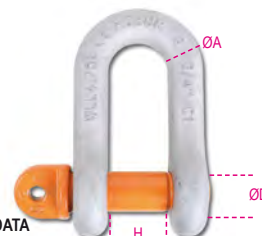


## 8026R

straight shackles with screw collar pin, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body

CE

EN 13889



### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on both pin and body

### LABORATORY TESTS

- chemical analysis • metallographic analysis
- tensile test • fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080260210
16	13	21	2000	5	080260212
19	16	27	3250	3	080260216
22	19	32	4750	2	080260219
25	22	37	6500	2	080260222

### special free service boxes



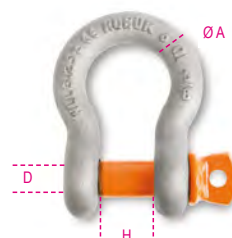
ØD mm				
16	1	1	080269212	
19	1	1	080269216	

## 8029R

bow shackles with screw collar pins, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body

CE

EN 13889



### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
8	6	13	500	20	080290106
10	8	13,5	750	15	080290108
11	10	17	1000	15	080290110
13	11	18,5	1500	10	080290111
16	13	20,5	2000	8	080290112
19	16	27	3250	8	080290116
22	19	32	4750	4	080290120
25	22	37	6500	4	080290122
28	26	43,5	8500	1	080290124

ØD mm	ØA mm	H mm	WLL kg		
32	29	48	9500	1	080290128
35	32	53	12000	1	080290132
38	35	59	13500	1	080290135
42	38	62	17000	1	080290138
50	45	75	25000	1	080290145
57	50	83	35000	1	080290150
65	57	95	42500	1	080290157
70	65	105	55000	1	080290165

special free service boxes



ØD mm				
8	1	1	080299106	
10	1	1	080299108	
11	1	1	080299110	
13	1	1	080299111	
16	1	1	080299112	
19	1	1	080299116	

special packaging



ØD mm	ØA mm			
8	6	10	1	080290706
10	8	10	1	080290708
11	10	10	1	080290710
13	11	5	1	080290711
16	13	4	1	080290712
19	16	4	1	080290716
22	19	2	1	080290720
25	22	2	1	080290722

## 8031R

bow shackles with safety bolt, EN13889  
high-tensile alloy steel, GRADE 6,  
hot-dip galvanized body

CE



EN 13889

### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis • metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080310110
13	11	18	1500	5	080310111
16	13	21	2000	5	080310112
19	16	27	3250	3	080310116
22	19	32	4750	2	080310120

ØA mm	ØD mm	H mm	WLL kg		
22	25	37	6500	2	080310122
26	28	43	8500	1	080310124
29	32	48	9500	1	080310128
32	35	53	12000	1	080310132
35	38	59	13500	1	080310135
38	42	62	17000	1	080310138
45	50	75	25000	1	080310145
50	57	83	35000	1	080310150
65	70	105	55000	1	080310165
75	83	127	85000	1	080310183

special free service boxes

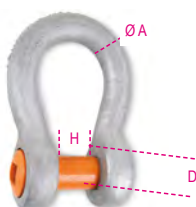


ØD mm			
16	1	1	080319112
19	1	1	080319116

## 8032

bow shackles with square sunken hole screw pin,  
high-tensile alloy steel, GRADE 6,  
hot-dip galvanized body

CE



### TECHNICAL DATA

- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØD mm	ØA mm	H mm	WLL kg		
11	10	17	1000	5	080320010
16	13	21	2000	5	080320012
19	16	27	3250	3	080320016
22	19	32	4750	2	080320020
25	22	37	6500	2	080320022

special free service boxes



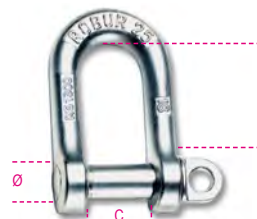
ØD mm			
16	1	1	080329012
19	1	1	080329016



## 8025

lifting LARGE DEE shackles,  
hot forged carbon steel,  
galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈	B x C mm	WLL kg		
5	3/16	21x10	70	250	080250005
6	1/4	25x12	100	250	080250006
8	5/16	33x16	250	150	080250008
10	3/8	42x20	400	180	080250010
11	7/16	46x22	500	130	080250011
12	1/2	50x24	600	100	080250012
14	9/16	57x28	800	70	080250014
16	5/8	61x32	1000	10	080250016
18	11/16	65x36	1300	10	080250018
20	3/4	70x40	1600	10	080250020
22	7/8	74x44	2000	10	080250022
25	1"	80x48	2800	2	080250025

special packaging



Ø mm				
5	3/16	25	1	080250705
6	1/4	25	1	080250706
8	5/16	25	1	080250708
10	3/8	15	1	080250710
11	7/16	12	1	080250711
12	1/2	12	1	080250712
14	9/16	10	1	080250714

special free service boxes



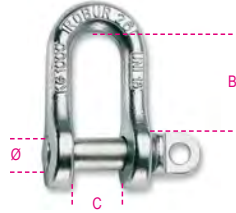
Ø mm			
5	4	1	080259205
6	4	1	080259206
8	2	1	080259208
10	2	1	080259210
11	1	1	080259011
12	1	1	080259012
14	1	1	080259014
16	1	1	080259016
18	1	1	080259018
20	1	1	080259020
22	1	1	080259022
25	1	1	080259025



## 8026A

lifting DEE shackles,  
hot forged carbon steel,  
UNI 1947 type A, galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈ "	B x C mm	WLL kg		
12	1/2	42x20	630	35	080260012
14	9/16	46x22	800	30	080260014
16	5/8	50x24	1000	20	080260016
18	11/16	54x26	1300	15	080260018
20	3/4	58x28	1600	10	080260020
22	7/8	69x32	2000	10	080260022
25	1"	79x36	2500	5	080260025
28	1.1/8	90x40	3150	2	080260028
32	1.1/4	100x45	4000	1	080260032
36	1.3/8	110x50	5000	1	080260036
40	1.9/16	120x55	6300	1	080260040
42	1.5/8	131x60	8000	1	080260042
45	1.3/4	143x65	10000	1	080260045
50	2"	155x70	12500	1	080260050

### special free service boxes



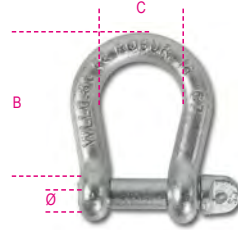
Ø mm				
12	1	1	080269012	
14	1	1	080269014	
16	1	1	080269016	
18	1	1	080269018	
20	1	1	080269020	
22	1	1	080269022	
25	1	1	080269025	



## 8028

lifting BOW shackles,  
hot forged carbon steel,  
galvanized

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	≈ "	B x C mm	WFL kg		
5	3/16	20x16	80	100	080280105
6	1/4	24x20	100	70	080280106
8	5/16	32x24	200	35	080280108
10	3/8	40x33	300	25	080280110
12	1/2	48x39	500	15	080280112
14	9/16	56x46	600	7	080280114
16	5/8	64x46	800	10	080280116
18	11/16	71x59	950	5	080280118
20	3/4	80x65	1100	5	080280120
22	7/8	88x72	1500	5	080280122
25	1"	100x81	2000	2	080280125
28	1.1/8	112x91	2600	1	080280128
32	1.1/4	128x104	3200	1	080280132
38	1.1/2	152x124	4500	1	080280138

### special free service boxes



Ø mm				
5	4	1	080289305	
6	4	1	080289306	
8	2	1	080289308	
10	2	1	080289310	
12	1	1	080289112	
14	1	1	080289114	
16	1	1	080289116	
18	1	1	080289118	
20	1	1	080289120	
22	1	1	080289122	

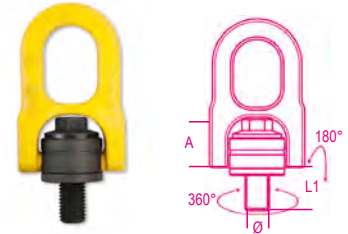
## 8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0,3	0,6	1	1,6	2,5	4	6,3
	0°	0,6	1,2	2	3,2	5	8	12,6
	90°	0,3	0,6	1	1,6	2,5	4	6,3
	90°	0,6	1,2	2	3,2	5	8	12,6
	0° 45° 60°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	0° 45° 60°	0,3	0,6	1	1,6	2,5	4	6,3
	0° 45° 60°	0,6	1,3	2,1	3,4	5,3	8,4	13,2
	0° 45° 60°	0,3	0,6	1	1,6	2,3	4	6,3

## 8049

adjustable lifting eyebolts,  
double swivel ring,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- fatigue test (20,000 cycles)
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	A mm	L1 mm	WLL 90° kg		
M8	31,5	14	300	1	080490008
M10	31,5	17	600	1	080490010
M12	31,5	21	1000	1	080490012
M16	45	27	1600	1	080490016
M20	45	30	2500	1	080490020
M24	60,5	36	4000	1	080490024
M30	60,5	45	6300	1	080490030



## 8049A WLL (kg)

	B°	M6	M8	M10	M12	M16	M20	M24	M30	M36
	0°	400	600	900	1000	2000	4000	6300	10600	11800
	0°	800	1200	1800	2000	4000	8000	12600	21200	23600
	90°	200	300	450	500	1120	2000	3150	5300	8000
	90°	400	600	900	1000	2000	4000	6300	10600	16000
	0°	250	400	600	700	1400	2800	4250	7100	10700
	45°	200	300	450	500	1120	2000	3150	5300	8000
	0°	400	600	900	1000	2100	4200	6300	11200	16000
	45°	250	400	600	750	1500	3000	4750	8000	10700

## 8049A

lifting eyebolts,  
double swivel ring, turnable under load,  
with welded ring,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
  - heat treatment: hardening
  - traceability code
- ### LABORATORY TESTS
- chemical analysis
  - metallographic analysis
  - tensile test
  - fatigue test (20,000 cycles)
  - testing load (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	E	A	WLL		
mm	mm	mm	kg		
M6	13	30	200	1	080490106
M8	13	30	300	1	080490108
M10	19	30	450	1	080490110
M12	19	30	500	1	080490112
M14	19	30	1120	1	080490114
M16	20	30	1120	1	080490116
M18	30	40	2000	1	080490118
M20	30	40	2000	1	080490120
M24	30	40	3150	1	080490124
M30	35	50	5300	1	080490130
M36	54	50	8000	1	080490136

## 8049V

lifting eyebolts  
with offset brackets,  
high-tensile alloy steel  
360° swivel eyebolt and swivel bracket

CE



### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- test load (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	E	B	WLL		
mm	mm	mm	kg		
M10	13,5	37	630	1	080490310
M12	18	37,5	1000	1	080490312
M16	24	37,5	1500	1	080490316
M20	35,5	54	2500	1	080490320
M24	35,5	54	4000	1	080490324

## 8068S

weld-on brackets for load lifting,  
single-based, with positioning springs,  
high tensile alloy steel body

- Compact dimensions for lifting operations
- Tested to withstand 20,000 work cycles at full load
- Test load applied to 100% of parts before sale
- Safety factor: 4, in all directions

CE



### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	B	M	A		
Kg	mm	mm	mm		
1500	78	37	41	1	080680115
2500	88	40	42	1	080680125
4000	94	42	45	1	080680140
6700	118	51	55	1	080680167

### Caution:

- Coupling element must ensure proper mechanical resistance and be suitable for welding.
- Welding must be performed by trained personnel.

## 8041

lifting eyebolts,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø	E	WLL		
mm	mm	kg		
M6	11	400	10	080410206
* M8	1,25	13	800	10 080410208
* M10	1,5	17	1000	6 080410210
* M12	1,75	20,5	1600	4 080410212
M14	2	20,5	3000	2 080410214
M16	2,5	27	4000	2 080410217
M18	2,5	27	5000	2 080410218
M20	3,0	30	6000	2 080410221
M22	2,5	30	7000	2 080410222
M24	3	36	8000	2 080410225
M27	3	41	10000	1 080410227
* M30	3,5	45	12000	1 080410230

(\* Dimensional specifications DIN 580:2010

WLL increased according to Robur Technical Product Specifications

special free service boxes



Ø			
mm			
* M8	1	1	080419208
* M10	1	1	080419210
* M12	1	1	080419212

# Robur

# Robur

## 8043

lifting eye nuts,  
high-tensile alloy steel

CE



### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	WLL kg		
* M6	1 20	400	10	080430206
* M8	1,25 20	800	10	080430208
* M10	1,50 25	1000	6	080430210
* M12	1,75 30	1600	4	080430212
M14	2 35	3000	2	080430214
M16	2 40	4000	2	080430217
M18	2,5 40	5000	2	080430218
M20	2,5 50	6000	2	080430221
M22	2,5 50	7000	2	080430222
M24	3 55	8000	2	080430225
M27	3 60	10000	1	080430227
* M30	3,5 60	12000	1	080430230

(\* Dimensional specifications DIN 582:2010

WLL increased according to Robur Technical Product Specifications

special free service boxes



Ø mm				
* M8	1	1	1	080439208
* M10	1	1	1	080439210
* M12	1	1	1	080439212

## LIFTING EYE NUTS AND BOLTS

Robur's lifting eye nuts and bolts are made from mild carbon steel, with the addition of a minimum aluminium content, and must meet strict parameters relating to the grain size of the material, in accordance with DIN580-582.



Exquisite mechanical workmanship also makes a role in making a difference: the relief groove of the collars at the base of the lifting eyes/nuts results in improved grip and full contact with the surface of the body to lift. Based on these hallmarks, our lifting eye nuts/bolts are ideal for complex lifting tasks and intensive use, e.g. in environments with continuous cycle operation or a temperature range of -20 °C ÷ +200 °C.

## 8040EZ

lifting eye bolts,  
galvanized

CE



DIN 580:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	E mm	WLL kg		
* M6	1	11	90	60	080400406
M8	1,25	13	140	60	080400408
M10	1,5	17	230	40	080400410
M12	1,75	20,5	340	20	080400412
* M14	2	20,5	480	20	080400414
M16	2	27	700	10	080400416
* M18	2,5	27	930	10	080400418
M20	2,5	30	1200	10	080400420
* M22	2,5	30	1450	10	080400422
M24	3	36	1800	5	080400424
* M27	3	41	2400	5	080400427
M30	3,5	45	3200	2	080400430
* M33	3,5	54	3900	2	080400433
* M33F	2	54	3900	2	080400434
M36	4	54	4600	2	080400436
* M36F	3	54	4600	2	080400437
M42	4,5	63	6300	1	080400442
* M42F	3	63	6300	1	080400443
M48	5	68	8600	1	080400448
* M48F	3	68	8600	1	080400449
M56	5,5	78	11500	1	080400456
* M56F	4	78	11500	1	080400457
M64	6	90	16000	1	080400464
* M64F	4	90	16000	1	080400465

\*Sizes dimensioned according to Robur Technical File

special lifting eye bolts



Ø mm	F mm			
M6	1	20	1	080400906
M8	1,25	20	1	080400908
M10	1,5	20	1	080400910
M12	1,75	15	1	080400912

special free service boxes



Ø mm				
M6	4	1	1	080409606
M8	4	1	1	080409608
M10	2	1	1	080409610
M12	1	1	1	080409412
* M14	1	1	1	080409414
M16	1	1	1	080409416
* M18	1	1	1	080409418
M20	1	1	1	080409420

Ø mm				
* M22	1	1	1	080409422
M24	1	1	1	080409424
* M27	1	1	1	080409427
M30	1	1	1	080409430

## 8040EN

lifting eye bolts,  
self-coloured

CE



DIN 580:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	F mm	E mm	WLL kg		
* M6	1	11	90	60	080400306
M8	1,25	13	140	60	080400308
M10	1,5	17	230	40	080400310
M12	1,75	20,5	340	20	080400312
* M14	2	20,5	480	20	080400314
M16	2	27	700	10	080400316
* M18	2,5	27	930	10	080400318
M20	2,5	30	1200	10	080400320
* M22	2,5	30	1450	10	080400322
M24	3	36	1800	5	080400324
* M27	3	41	2400	5	080400327
M30	3,5	45	3200	2	080400330
* M33	3,5	54	3900	2	080400333
* M33F	2	54	3900	2	080400334
M36	4	54	4600	2	080400336
* M36F	3	54	4600	2	080400337
M42	4,5	63	6300	1	080400342
* M42F	3	63	6300	1	080400343
M48	5	68	8600	1	080400348
* M48F	3	68	8600	1	080400349
M56	5,5	78	11500	1	080400356
* M56F	4	78	11500	1	080400357
M64	6	90	16000	1	080400364
* M64F	4	90	16000	1	080400365

\*Sizes dimensioned according to Robur Technical File

special free service boxes

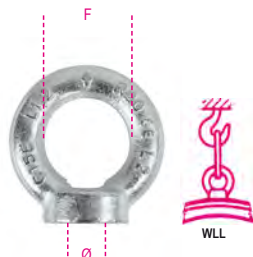


Ø mm				
M6	4	1	1	080409506
M8	4	1	1	080409508
M10	2	1	1	080409510
M12	1	1	1	080409312
* M14	1	1	1	080409314
M16	1	1	1	080409316
* M18	1	1	1	080409318
M20	1	1	1	080409320
* M22	1	1	1	080409322
M24	1	1	1	080409324
* M27	1	1	1	080409327
M30	1	1	1	080409330

## 8042EZ

lifting eye nuts,  
galvanized

CE



DIN582:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	F mm	WLL kg		
* M6	1	14	90	60	080420406
M8	1,25	20	140	60	080420408
M10	1,5	25	230	40	080420410
M12	1,75	30	340	30	080420412
* M14	2	30	480	30	080420414
M16	2	35	700	20	080420416
* M18	2,5	35	930	20	080420418
M20	2,5	40	1200	10	080420420
* M22	2,5	40	1450	10	080420422
M24	3	50	1800	5	080420424
* M27	3	55	2400	5	080420427
M30	3,5	60	3200	3	080420430
M36	4	70	4600	2	080420436
* M36F	3	70	4600	2	080420437
M42	4,5	80	6300	1	080420442
* M42F	3	80	6300	1	080420443
M48	5	90	8600	1	080420448
* M48F	3	90	8600	1	080420449

\*Sizes dimensioned according to Robur Technical File

### special packaging



Ø mm	WLL mm			
M6	1	20	1	080420906
M8	1,25	20	1	080420908
M10	1,5	20	1	080420910
M12	1,75	15	1	080420912

### special free service boxes



Ø mm				
M6	4	1	080429606	
M8	4	1	080429608	
M10	2	1	080429610	
M12	1	1	080429412	
* M14	1	1	080429414	
M16	1	1	080429416	
* M18	1	1	080429418	
M20	1	1	080429420	
* M22	1	1	080429422	
M24	1	1	080429424	
* M27	1	1	080429427	
M30	1	1	080429430	



## 8042EN

lifting eye nuts,  
self-coloured

CE



DIN582:2018-04(\*\*)

### TECHNICAL DATA

- safety factor: 6
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	F mm	WLL kg		
* M6	1	14	90	60	080420306
M8	1,25	20	140	60	080420308
M10	1,5	25	230	40	080420310
M12	1,75	30	340	30	080420312
* M14	2	30	480	30	080420314
M16	2	35	700	20	080420316
* M18	2,5	35	930	20	080420318
M20	2,5	40	1200	10	080420320
* M22	2,5	40	1450	10	080420322
M24	3	50	1800	5	080420324
* M27	3	55	2400	5	080420327
M30	3,5	60	3200	3	080420330
M36	4	70	4600	2	080420336
* M36F	3	70	4600	2	080420337
M42	4,5	80	6300	1	080420342
* M42F	3	80	6300	1	080420343
M48	5	90	8600	1	080420348
* M48F	3	90	8600	1	080420349

\*Sizes dimensioned according to Robur Technical File

### special free service boxes



Ø mm				
M6	4	1	080429506	
M8	4	1	080429508	
M10	2	1	080429510	
M12	1	1	080429312	
* M14	1	1	080429314	
M16	1	1	080429316	
* M18	1	1	080429318	
M20	1	1	080429320	
* M22	1	1	080429322	
M24	1	1	080429324	
* M27	1	1	080429327	
M30	1	1	080429330	

## 8044

lifting eye nuts, UNI 2948  
self-coloured

CE



UNI 2948

### TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	WLL mm	WLL kg		
M8	1,25	80	4	080440008
M10	1,5	160	4	080440010
M12	1,75	250	4	080440012
M14	2	250	2	080440014
M16	2	400	2	080440016
M20	2,5	630	2	080440020
M24	3	1000	2	080440024



# CHAIN SLINGS

Robur's chain slings are made from **high-strength alloy materials** and subjected to state-of-the-art heat treatment, so that our dealers can rely on products compliant with the European technical standard, EN 818-4.

Based on the high-quality materials used, our chain slings are suitable for **ongoing intensive use**; they can safely be used in **a wide range of temperatures** (-40 °C ÷ +200 °C), without reducing the carrying capacity.

Loads are slung by duly trained personnel, pursuant to Italian Legislative Decree 81/2008; the slings come with identification tags with serial numbers and relevant assembly certificates (Manufacturer's Certificates).



WLL Ton		UNI EN 818	
Ø D mm	WLL 1	45°	60°
		0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12
7	1,5	2,12	1,5
8	2	2,8	2
10	3,15	4,25	3,15
13	5,3	7,5	5,3
16	8	11,2	8
20	12,5	17	12,5

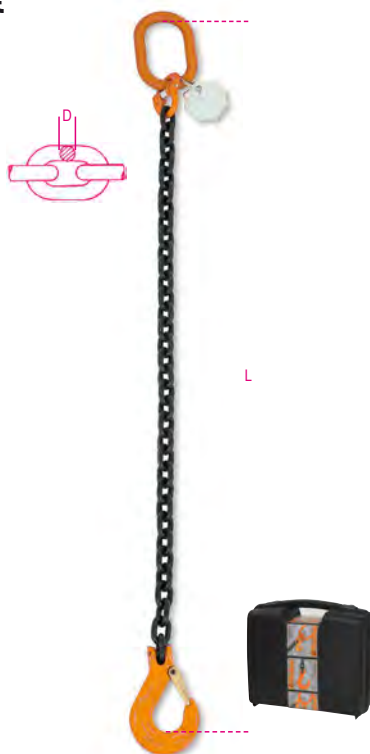
  

Ø D mm	WLL 1	45°	60°
		0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7	
7	3,15	2,24	
8	4,25	3	
10	6,7	4,75	
13	11,2	8	
16	17	11,2	
20	26,5	19	

## 8091

lifting chain slings, 1 leg grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

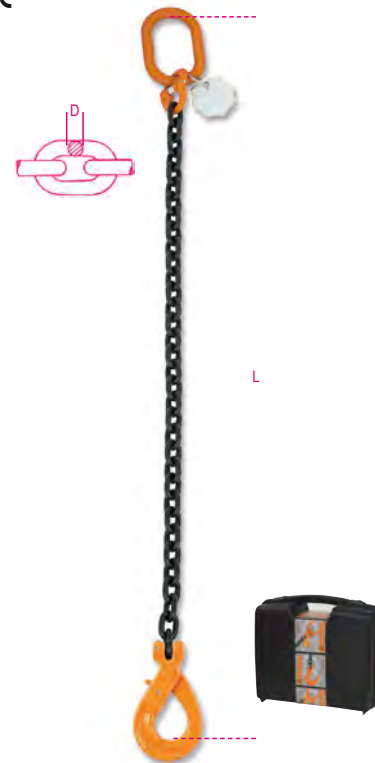
D mm	L m	WLL ton	
6*	1	1,12	1 080910001
6*	2	1,12	1 080910002
6*	3	1,12	1 080910003
6*	4	1,12	1 080910004
7*	1	1,5	1 080910021
7*	2	1,5	1 080910022
7*	3	1,5	1 080910023
7*	4	1,5	1 080910024
8*	1	2	1 080910041
8*	2	2	1 080910042
8*	3	2	1 080910043
8*	4	2	1 080910044
10*	1	3,15	1 080910051
10*	2	3,15	1 080910052
10*	3	3,15	1 080910053
10*	4	3,15	1 080910054
13*	1	5,3	1 080910131
13*	2	5,3	1 080910132
13*	3	5,3	1 080910133
13*	4	5,3	1 080910134
16*	1	8	1 080910161
16*	2	8	1 080910162
16*	3	8	1 080910163
16*	4	8	1 080910164
20	1	12,5	1 080910171
20	2	12,5	1 080910172
20	3	12,5	1 080910173
20	4	12,5	1 080910174

\* packed in plastic case

## 8091SL

lifting chain slings, 1 leg, self-locking hook, grade 8

CE



UNI EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	
6*	1	1,12	1 080910201
6*	2	1,12	1 080910202
6*	3	1,12	1 080910203
6*	4	1,12	1 080910204
7*	1	1,5	1 080910221
7*	2	1,5	1 080910222
7*	3	1,5	1 080910223
7*	4	1,5	1 080910224
8*	1	2	1 080910241
8*	2	2	1 080910242
8*	3	2	1 080910243
8*	4	2	1 080910244
10*	1	3,15	1 080910251
10*	2	3,15	1 080910252
10*	3	3,15	1 080910253
10*	4	3,15	1 080910254
13	0,6	5,3	1 080910330
13*	1	5,3	1 080910331
13*	2	5,3	1 080910332
13*	3	5,3	1 080910333
13*	4	5,3	1 080910334
16	0,6	8	1 080910360
16*	1	8	1 080910361
16*	2	8	1 080910362
16*	3	8	1 080910363
16*	4	8	1 080910364
20	1	12,5	1 080910401
20	2	12,5	1 080910402
20	3	12,5	1 080910403
20	4	12,5	1 080910404

\* Packed in plastic case

**8092**  
lifting chain sling, 2 legs  
grade 8

CE



EN 818-4

**TECHNICAL DATA**

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920001
6*	2	1,6	1	080920002
6*	3	1,6	1	080920003
6*	4	1,6	1	080920004
7*	1	2,12	1	080920021
7*	2	2,12	1	080920022
7*	3	2,12	1	080920023
7*	4	2,12	1	080920024
8*	1	2,8	1	080920041
8*	2	2,8	1	080920042
8*	3	2,8	1	080920043
8*	4	2,8	1	080920044
10*	1	4,25	1	080920051
10*	2	4,25	1	080920052
10*	3	4,25	1	080920053
10*	4	4,25	1	080920054
13*	1	7,5	1	080920131
13*	2	7,5	1	080920132
13	3	7,5	1	080920133
13	4	7,5	1	080920134
16*	1	11,2	1	080920161
16	2	11,2	1	080920162
16	3	11,2	1	080920163
16	4	11,2	1	080920164
20	2	17,0	1	080920172
20	3	17,0	1	080920173
20	4	17,0	1	080920174

\* packed in plastic case



**8092SL**  
lifting chain slings,  
2 legs, self-locking hook,  
grade 8

CE



EN 818-4

**TECHNICAL DATA**

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080920201
6*	2	1,6	1	080920202
6*	3	1,6	1	080920203
6*	4	1,6	1	080920204
7*	1	2,12	1	080920221
7*	2	2,12	1	080920222
7*	3	2,12	1	080920223
7*	4	2,12	1	080920224
8*	1	2,8	1	080920241
8*	2	2,8	1	080920242
8*	3	2,8	1	080920243
8*	4	2,8	1	080920244
10*	1	4,25	1	080920251
10*	2	4,25	1	080920252
10*	3	4,25	1	080920253
10*	4	4,25	1	080920254
13*	1	7,5	1	080920331
13*	2	7,5	1	080920332
13*	3	7,5	1	080920333
13*	4	7,5	1	080920334
16*	1	11,2	1	080920361
16*	2	11,2	1	080920362
16*	3	11,2	1	080920363
16*	4	11,2	1	080920364
20	2	17,0	1	080920402
20	3	17,0	1	080920403
20	4	17,0	1	080920404

\* Packed in plastic case

**8094**  
lifting chain sling, 4 legs  
grade 8

CE



EN 818-4

**TECHNICAL DATA**

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES**
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES**
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080940001
6*	2	2,36	1	080940002
6*	3	2,36	1	080940003
6*	4	2,36	1	080940004
7*	1	3,15	1	080940021
7*	2	3,15	1	080940022
7*	3	3,15	1	080940023
7*	4	3,15	1	080940024
8*	1	4,25	1	080940041
8*	2	4,25	1	080940042
8*	3	4,25	1	080940043
8	4	4,25	1	080940044
10*	1	6,7	1	080940051
10	2	6,7	1	080940052
10	3	6,7	1	080940053
10	4	6,7	1	080940054
13	1	11,2	1	080940131
13	2	11,2	1	080940132
13	3	11,2	1	080940133
13	4	11,2	1	080940134
16	1	17	1	080940161
16	2	17	1	080940162
16	3	17	1	080940163
16	4	17	1	080940164
20	2	26,5	1	080940172
20	3	26,5	1	080940173
20	4	26,5	1	080940174

\* packed in plastic case



# Robur

## 8094SL

lifting chain slings,  
4 legs, self-locking hook,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	
6*	1	2,36	1 080940201
6*	2	2,36	1 080940202
6*	3	2,36	1 080940203
6*	4	2,36	1 080940204
7*	1	3,15	1 080940221
7*	2	3,15	1 080940222
7*	3	3,15	1 080940223
7*	4	3,15	1 080940224
8*	1	4,25	1 080940241
8*	2	4,25	1 080940242
8*	3	4,25	1 080940243
8	4	4,25	1 080940244
10*	1	6,7	1 080940251
10	2	6,7	1 080940252
10	3	6,7	1 080940253
10	4	6,7	1 080940254
13	1	11,2	1 080940331
13	2	11,2	1 080940332
13	3	11,2	1 080940333
13	4	11,2	1 080940334
16	1	17	1 080940361
16	2	17	1 080940362
16	3	17	1 080940363
16	4	17	1 080940364
20	2	26,5	1 080940402
20	3	26,5	1 080940403
20	4	26,5	1 080940404

\* Packed in plastic case

## 8096

lifting chain sling, 1 leg  
with clevis grab hook,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	
6*	1	1,12	1 080960001
6*	2	1,12	1 080960002
6*	3	1,12	1 080960003
6*	4	1,12	1 080960004
7*	1	1,5	1 080960021
7*	2	1,5	1 080960022
7*	3	1,5	1 080960023
7*	4	1,5	1 080960024
8*	1	2	1 080960041
8*	2	2	1 080960042
8*	3	2	1 080960043
8*	4	2	1 080960044
10*	1	3,15	1 080960051
10*	2	3,15	1 080960052
10*	3	3,15	1 080960053
10*	4	3,15	1 080960054
13*	1	5,3	1 080960131
13*	2	5,3	1 080960132
13*	3	5,3	1 080960133
13*	4	5,3	1 080960134
16*	1	8	1 080960161
16*	2	8	1 080960162
16*	3	8	1 080960163
16	4	8	1 080960164
20	1	12,5	1 080960171
20	2	12,5	1 080960172
20	3	12,5	1 080960173
20	4	12,5	1 080960174

\* packed in plastic case

## 8096SL

lifting chain slings,  
1 leg, with self-locking and clevis grab hooks,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
  - chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
  - CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton	
6*	1	1,12	1 080960201
6*	2	1,12	1 080960202
6*	3	1,12	1 080960203
6*	4	1,12	1 080960204
7*	1	1,5	1 080960221
7*	2	1,5	1 080960222
7*	3	1,5	1 080960223
7*	4	1,5	1 080960224
8*	1	2	1 080960241
8*	2	2	1 080960242
8*	3	2	1 080960243
8*	4	2	1 080960244
10*	1	3,15	1 080960251
10*	2	3,15	1 080960252
10*	3	3,15	1 080960253
10*	4	3,15	1 080960254
13*	1	5,3	1 080960331
13*	2	5,3	1 080960332
13*	3	5,3	1 080960333
13*	4	5,3	1 080960334
16*	1	8	1 080960361
16*	2	8	1 080960362
16*	3	8	1 080960363
16	4	8	1 080960364
20	1	12,5	1 080960401
20	2	12,5	1 080960402
20	3	12,5	1 080960403
20	4	12,5	1 080960404

\* Packed in plastic case

## 8097

lifting chain sling, 2 legs  
with clevis grab hooks,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES

- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080970001
6*	2	1,6	1	080970002
6*	3	1,6	1	080970003
6*	4	1,6	1	080970004
7*	1	2,12	1	080970021
7*	2	2,12	1	080970022
7*	3	2,12	1	080970023
7*	4	2,12	1	080970024
8*	1	2,8	1	080970041
8*	2	2,8	1	080970042
8*	3	2,8	1	080970043
8*	4	2,8	1	080970044
10*	1	4,25	1	080970051
10*	2	4,25	1	080970052
10*	3	4,25	1	080970053
10*	4	4,25	1	080970054
13*	1	7,5	1	080970131
13*	2	7,5	1	080970132
13	3	7,5	1	080970133
13	4	7,5	1	080970134
16	1	11,2	1	080970161
16	2	11,2	1	080970162
16	3	11,2	1	080970163
16	4	11,2	1	080970164
20	2	17,0	1	080970172
20	3	17,0	1	080970173
20	4	17,0	1	080970174

\* packed in plastic case

# Robur

## 8097SL

lifting chain slings,  
2 legs, with self-locking and clevis grab hooks,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	1,6	1	080970201
6*	2	1,6	1	080970202
6*	3	1,6	1	080970203
6*	4	1,6	1	080970204
7*	1	2,12	1	080970221
7*	2	2,12	1	080970222
7*	3	2,12	1	080970223
7*	4	2,12	1	080970224
8*	1	2,8	1	080970241
8*	2	2,8	1	080970242
8*	3	2,8	1	080970243
8*	4	2,8	1	080970244
10*	1	4,25	1	080970251
10*	2	4,25	1	080970252
10*	3	4,25	1	080970253
10*	4	4,25	1	080970254
13*	1	7,5	1	080970331
13*	2	7,5	1	080970332
13	3	7,5	1	080970333
13	4	7,5	1	080970334
16	1	11,2	1	080970361
16	2	11,2	1	080970362
16	3	11,2	1	080970363
16	4	11,2	1	080970364
20	2	17,0	1	080970402
20	3	17,0	1	080970403
20	4	17,0	1	080970404

\* Packed in plastic case

## 8098

lifting chain sling, 4 legs  
with clevis grab hooks,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

- safety factor: 4
- chain-sling identification tag
- ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity
- AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6*	1	2,36	1	080980001
6*	2	2,36	1	080980002
6*	3	2,36	1	080980003
6*	4	2,36	1	080980004
7*	1	3,15	1	080980021
7*	2	3,15	1	080980022
7*	3	3,15	1	080980023
7*	4	3,15	1	080980024
8*	1	4,25	1	080980041
8*	2	4,25	1	080980042
8*	3	4,25	1	080980043
8	4	4,25	1	080980044
10*	1	6,7	1	080980051
10	2	6,7	1	080980052
10	3	6,7	1	080980053
10	4	6,7	1	080980054
13	1	11,2	1	080980131
13	2	11,2	1	080980132
13	3	11,2	1	080980133
13	4	11,2	1	080980134
16	1	17	1	080980161
16	2	17	1	080980162
16	3	17	1	080980163
16	4	17	1	080980164
20	2	26,5	1	080980172
20	3	26,5	1	080980173
20	4	26,5	1	080980174

\* packed in plastic case

# Robur



## 8098SL

lifting chain slings,  
4 legs, with self-locking and clevis grab hooks,  
grade 8

CE



EN 818-4

### TECHNICAL DATA

• safety factor: 4

• chain-sling identification tag

### ATTACHED CERTIFICATES

• Manufacturer's Certificate UNI EN818-4

• CE Declaration of Conformity

### AVAILABLE CERTIFICATES

• Technical product specifications

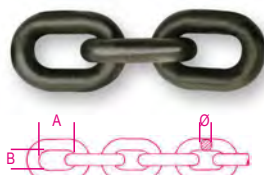
D mm	L m	WLL ton		
6*	1	2,36	1	080980201
6*	2	2,36	1	080980202
6*	3	2,36	1	080980203
6*	4	2,36	1	080980204
7*	1	3,15	1	080980221
7*	2	3,15	1	080980222
7*	3	3,15	1	080980223
7*	4	3,15	1	080980224
8*	1	4,25	1	080980241
8*	2	4,25	1	080980242
8	3	4,25	1	080980243
8*	4	4,25	1	080980244
10*	1	6,7	1	080980251
10	2	6,7	1	080980252
10	3	6,7	1	080980253
10	4	6,7	1	080980254
13	1	11,2	1	080980331
13	2	11,2	1	080980332
13	3	11,2	1	080980333
13	4	11,2	1	080980334
16	1	17	1	080980361
16	2	17	1	080980362
16	3	17	1	080980363
16	4	17	1	080980364
20	2	26,5	1	080980402
20	3	26,5	1	080980403
20	4	26,5	1	080980404

\* Packed in plastic case

## 8100

lifting chains,  
high-tensile alloy steel

CE



EN 818-2

### TECHNICAL DATA

• safety factor: 4

• heat treatment: hardening and tempering

• traceability code

### LABORATORY TESTS

• chemical analysis

• metallographic analysis

• tensile test

### AVAILABLE CERTIFICATES

• Technical Product Specifications

• Test Report UNI EN10204 type 2.2

• Manufacturer's Certificate EN818-2

• CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
1120	6	18	7,8	1	081000011
1500	7	21	9,1	1	081000016
2000	8	24	10,4	1	081000020
3150	10	30	13,0	1	081000032
5300	13	39	16,9	1	081000053
8000	16	48	20,8	1	081000080
12500	20	60	26,0	1	081000125

## 8085R

lifting master links,  
high-tensile alloy steel

WLL relates to use with 1 chain slings.

CE



EN 1677-4

### TECHNICAL DATA

• safety factor: 4

• heat treatment: hardening

• traceability code

### LABORATORY TESTS

• chemical analysis, metallographic analysis

• load test (WLL x 2.5)

• tensile test

• fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• Inspection certificate UNI EN10204 type 3.1

• CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
* 1600	7	110	60	1	080850215
** 2120	8	110	60	1	080850220
3150	10	135	75	1	080850232
5300	13	160	90	1	080850253
8000	16	180	100	1	080850280
11200	19	200	110	1	080850311
16000	20	260	140	1	080850316
17000	22	300	160	1	080850317

\* Comes with chain Ø 6, WLL= 1120 kg

## 8086

lifting master link assemblies  
alloy steel, painted

CE



EN 1677-4

### TECHNICAL DATA

• safety factor: 4

• heat treatment: hardening and tempering

• traceability code

### LABORATORY TESTS

• chemical analysis, metallographic analysis

• proof load test (WLL x 2.5)

• tensile test

• fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• Inspection certificate UNI EN10204 type 3.1

• CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm		
* 3150	7	135	75	1	080860021
4250	8	160	90	1	080860042
6700	10	180	100	1	080860067
11200	13	200	110	1	080860100
17000	16	260	140	1	080860117
21200	18	340	180	1	080860121
26500	20	350	190	1	080860126

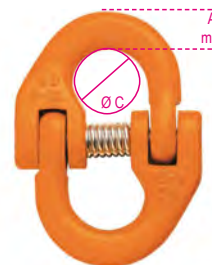
The working load refers to slings 3 or 4 arms and angle B less than 45°.

(\*) Combined with Ø 6mm chain, WLL= 2360 kg

## 8090R

lifting connecting links  
alloy steel, painted

CE



EN 1677-1

### TECHNICAL DATA

• safety factor: 4

• heat treatment: hardening and tempering

• traceability code

### LABORATORY TESTS

• chemical analysis, metallographic analysis

• proof load test (WLL x 2.5)

• tensile test

• fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

• Technical product specifications

• Test report UNI EN10204 type 2.2

• Inspection certificate UNI EN10204 type 3.1

• CE Declaration of Conformity

WLL kg	Ø mm	Ø C max	A mm		
1120	6	13	7,5	1	080900111
1500	7	18	9	1	080900115
2000	8	18	11	1	080900120
3150	10	22	13,0	1	080900131
5300	13	30	16	1	080900153
8000	16	32	22	1	080900180
12500	20	40	25	1	080900312

# Robur

## 8060R

Clevis chain hooks,  
high-tensile alloy steel

CE



EN 1677-2

### TECHNICAL DATA

- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	Ø mm	C	E	kg	mm
1120	6	19	8	1	080600111
1500	7	19	8	1	080600115
2000	8	21	11	1	080600120
3150	10	27	13	1	080600132
5300	13	35	17	1	080600153
8000	16	48	24	1	080600180
12500	20	54	32	1	080600225

## 8058R

self-locking lifting hooks,  
Clevis type,  
high-tensile alloy steel

CE



EN 1677-3

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	Ø mm	J min	E	kg	mm
1120	6	28	8	1	080580112
2000	7-8	34	11	1	080580120
3150	10	44	13	1	080580132
5300	13	52	17	1	080580153
8000	16	67	24	1	080580180
12500	20	77	32	1	080580225

## 8061R

Clevis grab hooks  
with safety latch,  
high-tensile alloy steel

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	Ø mm	E	C	kg	mm
1120	6	8	19	1	080610211
2000	7-8	11	21	1	080610220
3150	10	13	27	1	080610231
5300	13	17	35	1	080610253
8000	16	20	48	1	080610280
12500	20	24	54	1	080610312

## 8052

wire rope eye hooks,  
high-tensile alloy steel

CE



EN 1677-2

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	C	kg	mm	
8052 0,8	800	18	1	080520008
8052 1,12	1120	22,5	1	080520011
8052 2	2000	30	1	080520020
8052 3,15	3150	36	1	080520031
8052 4	4000	39,5	1	080520040

WLL	A	E	kg	mm
8055S 5,4	5400	40	1	080550145
8055S 8,0	8000	51	1	080550170
8055S 11,5	11500	58	1	080550215
8055S 16,0	16000	66	1	080550260
8055S 22,0	22000	87	1	080550320

## 8057R

self-locking lifting hooks,  
eye type,  
high-tensile alloy steel

CE



EN 1677-3

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

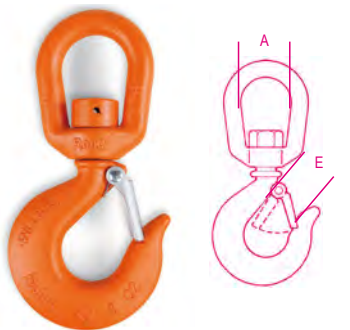
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	Ø mm	J min	ØB	kg	mm
1120	6	28	22	1	080570112
2000	7-8	34	25	1	080570120
3150	10	44	32	1	080570132
5300	13	54	40	1	080570153

## 8063

lifting swivel hooks  
(in unloaded condition)  
high-tensile alloy steel

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

### AVAILABLE CERTIFICATES

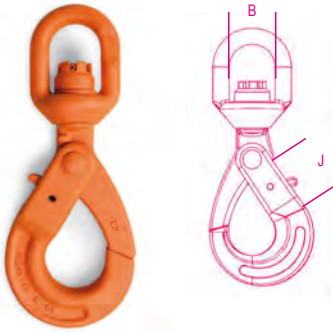
- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL	A	E	kg	mm
800	32	20,5	1	080630008
1120	38	20,5	1	080630011
2000	44,5	22	1	080630020
3150	44,5	27	1	080630031

## 8063SL

self-locking swivel hooks  
(not under load)  
high-tensile alloy steel  
grade 8

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- load test (100% of batch)

### AVAILABLE CERTIFICATES

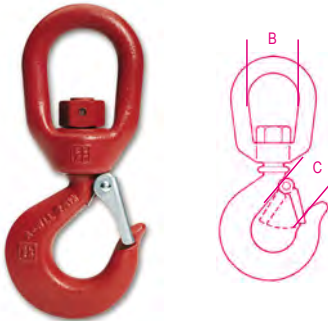
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	J mm	1	080630311
1120	6	32	45	1	080630311
2000	8	35	59	1	080630320
3150	10	42	54	1	080630331
5300	13	49	83	1	080630353

## 8064S

swivel lifting hooks  
(not under load)  
carbon steel, painted

CE



EN 1677-5

### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	1	080640107
800	31	20	1	080640107
1000	40	22	1	080640110
1600	47	23	1	080640115
2000	47	27	1	080640120
3200	64	35	1	080640130
5000	77	43	1	080640150
7500	90	53	1	080640175
10000	96	58	1	080640199

## 8065SC

swivel load lifting hooks  
carbon steel, painted

CE



EN 1677-5

### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

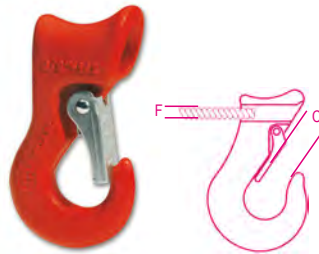
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm	1	080650107
800	38	20	1	080650107
1000	38	22	1	080650110
1600	47	23	1	080650115
2000	47	27	1	080650120
3200	54	35	1	080650130
5000	72	43	1	080650150
7500	82	53	1	080650175

## 8062

slip hooks  
alloy steel, painted

CE



### TECHNICAL DATA

- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm	1	080620013
1500	19	10-13	1	080620013
2000	21	16	1	080620016
3000	26	18	1	080620018

## 8051S

lifting eye hooks,  
carbon steel, galvanized

CE



### TECHNICAL DATA

- safety factor: 4
- heat treatment: normalizing
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm	10	080510202
250	14	12	10	080510202
500	18	16,5	5	080510205

special free service boxes

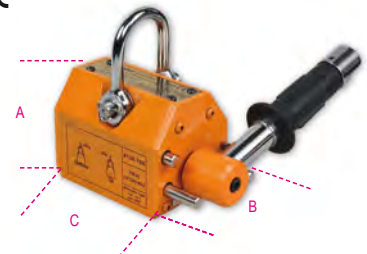


WLL kg	1	1	080519202
250	1	1	080519202
500	1	1	080519205

## 8134

permanent magnetic lifters

CE



EN13155

### Technical data:

- Safety factor: 3
- Identification tag

### Available certificates:

- Manufacturer's Certificate
- Declaration of Conformity with Machinery Directive 2006/42/EC
- Test Report UNI EN10204 type 2.2
- Operation and maintenance manual

WLL kg	A mm	B mm	D mm	1	081340010
100	70	64	92	1	081340010
300	96	88	165	1	081340030
600	120	118	236	1	081340060
1000	168	168	264	1	081340100

## 8135

Lifting clamps for flat steel surfaces with a max hardness of 30HRC/300HB with articulated lifting eyes

CE



EN13155

### TECHNICAL DATA

- Safety factor: 3
- Serial number identification plate

### AVAILABLE CERTIFICATES

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2
- Technical product specifications

WLL t	A mm	E mm	kg		
0,75	0-15	2	2	1	081350005
1,0	0-20	5	5	1	081350010
2,0	0-25	8	8	1	081350020
3,0	0-30	15	15	1	081350032
5,0	0-50	23	23	1	081350050

## 8135H

horizontal lifting clamps for flat surfaces, max. hardness 30HRC/300HB

CE



EN13155

### Technical data:

- Safety factor: 3
- Serial number identification plate

### Available certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test report UNI EN10204 type 2.2

WLL t	A mm	E mm	kg		
0,75	25	22	2,5	1	081350307
1,5	30	25	4,0	1	081350315
3,0	45	30	6,0	1	081350330

## SELF-LOCKING HOISTS

Robur's hoists, which **comply with the European standard, EN 13157, and are TÜV-certified**, are professional models made from first-rate materials, designed for intensive use.

As well as the standard range, we also supply hoists **with customized chain lengths** and swivel self-locking hooks, for automatic locking under load conditions, with a view to satisfying individual requirements.



## 8143

hand chain blocks

CE



EN13157

### Technical Data:

- Safety factor: 4
- Identification tag

### Available Certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

WLL t	L m	storzo / effort kg		
0,5	3	27	1	081430005
1	3	44	1	081430010
1,5	3	44	1	081430015
2	3	44	1	081430020
3	3	45	1	081430030
5	3	47	1	081430050
10	3	52	1	081430100

0,5	6	27	1	081430105
1	6	44	1	081430110
1,5	6	44	1	081430115
2	6	44	1	081430120
3	6	45	1	081430130
5	6	47	1	081430150
10	6	52	1	081430200

## 8143SL

hand chain blocks with self-locking hooks

CE



EN13157

### Technical data:

- Safety factor: 4
- Serial identification tag

### Available certificates:

- Manufacturer's Certificate
- CE Declaration of Conformity
- Test Report UNI EN10204 type 2.2
- Technical Product Specifications

WLL t	L m	storzo / effort kg		
1	3	44	1	081430310
2	3	44	1	081430320

1	6	44	1	081430410
2	6	44	1	081430420

**Robur**

**Robur**

**8146**  
lever hoists

CE



EN13157

**TECHNICAL DATA**

safety factor: 4

identification tag

**AVAILABLE CERTIFICATES**

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test Report UNI EN10204 type 2.2

• Technical Product Specifications

WLL t	L m	sforzo / effort kg	1	2
0,75	1,5	21*	1	081460008
1,5	1,5	41*	1	081460015
3,0	1,5	41	1	081460030
6,0	1,5	46	1	081460060

0,75	3,0	21*	1	081460108
1,5	3,0	41*	1	081460115
3,0	3,0	41	1	081460130
6,0	3,0	46	1	081460160

H= minimum distance between hooks

(\*) equipped with overload protection system



**8146SL**

hand lever hoists

with self-locking hooks

CE



EN13157

**TECHNICAL DATA**

• Safety factor: 4

• Serial identification tag

**AVAILABLE CERTIFICATES**

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test Report UNI EN10204 type 2.2

• Technical Product Specifications

WLL t	L m	sforzo / effort kg	1	2
0,75	1,5	21	1	081460308
1,5	1,5	41	1	081460315
3,0	1,5	41	1	081460330

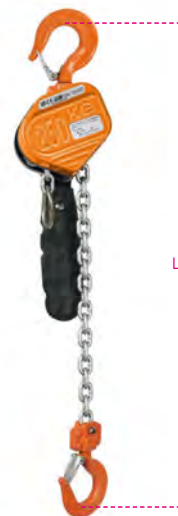
0,75	3,0	21	1	081460408
1,5	3,0	41	1	081460415
3,0	3,0	41	1	081460430



**8146C**

lever hoist, compact

CE



**Technical data:**

• Safety factor: 4

• Identification tag

**Available Certificates:**

• Manufacturer's Certificate

• CE Declaration of Conformity

• Test Report UNI EN10204 type 2.2

• Technical Product Specifications

WLL t	L m	sforzo / effort kg	1	2
0,25	1,5	20,7	1	081460002

H= minimum distance between hooks



# TROLLEYS AND BEAM CLAMPS FOR HOISTS

Designed in compliance with EN 13157, the **trolleys for manual hoists** effectively support the handling of heavy loads. The **wheels with rolling bearings, end-of-stroke protection, anti-derailment flaps and normalized steel central screw** translate into safe, firm fixing products.

The **beam clamps** mean a simple, convenient solution for **temporary or semi-permanent suspension on structural beams**.

**Complete traceability** for our products is ensured by the identification tag with batch number and serial identification number.



## 8147C

**chain trolleys for manual hoists**  
suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)



EN 13157

**Technical data:**  
• Safety factor: 4  
• Identification tag

**Available certificates:**  
• Manufacturer's Certificate  
• CE Declaration of Conformity  
• Test report UNI EN10204 type 2.2  
• Technical product specifications

WLL t	L min mm	L max mm	Lm		
1,0	58	220	3	1	081470510
2,0	66	220	3	1	081470520
3,0	74	220	3	1	081470530
5,0	90	220	3	1	081470550

Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

## 8147S

**push trolleys for manual beam clamps**  
suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



EN 13157

**Technical data:**  
• Safety factor: 4  
• Identification tag

**Available certificates:**  
• Manufacturer's Certificate  
• CE Declaration of Conformity  
• Test report UNI EN10204 type 2.2  
• Technical product specifications

WLL t	L min mm	L max mm	øF mm		
0,5	50	220	25	1	081470005
1,0	58	220	30	1	081470010
2,0	66	220	40	1	081470020

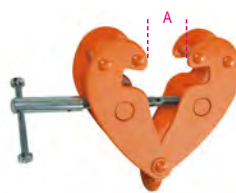
Item supplied disassembled: it must be assembled before use in accordance with instruction manual.

## 8147P

**beam clamps for manual hoists**

suitable for structural beams (INP, IPB, IPE, HEA, HEB etc.)

CE



**Technical data:**  
• Safety factor: 4  
• Identification tag

**Available certificates:**  
• Manufacturer's Certificate  
• CE Declaration of Conformity  
• Test report UNI EN10204 type 2.2  
• Technical product specifications

WLL t	A min mm	A max mm		
1,0	90	180	1	081470210
2,0	90	190	1	081470220
3,0	85	280	1	081470230
5,0	85	280	1	081470250

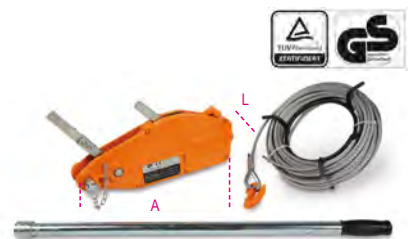


## 8148

**manual rope winch, aluminium alloy body, complete with operating lever, rope and hook**

Lightweight and portable, the Robur manual rope winch complies with EN 13157, is made from high-quality materials and is suitable for lifting, pulling, tensioning and fixing loads in all directions through the operating lever. Generally connected to a fixed lashing point, it allows for highly precise load positioning and ensures safe operation in all directions - horizontal, vertical and tilted. Based on its compact, handy design, it is easy to install and use. The Robur manual winch makes it possible to use ropes in any length, and its capacity can be increased by a factor of 2, 3, 4 or more - provided that its frame is inspected -, by using guide rollers and hooks with blocks in accordance with the reference standard.

CE



EN 13157

• Safety factor: 4:1

WLL t	L m	A mm	øf mm		
0,8	20	426	8,3	1	081480008
1,6	20	545	11	1	081480016
3,2	20	660	16	1	081480032

0,8	30	426	8,3	1	081480108
1,6	30	545	11	1	081480116
3,2	30	660	16	1	081480132

0,8	50	426	8,3	1	081480308
1,6	50	545	11	1	081480316
3,2	50	660	16	1	081480332

## 8148F

**strand rope made from galvanized steel wound on a crosspiece with high tensile hook**

CE



WLL t	L m	øF mm		
0,8	20	8,3	1	081480520
1,6	20	11	1	081480521
3,2	20	16	1	081480523

0,8	30	8,3	1	081480530
1,6	30	11	1	081480531
3,2	30	16	1	081480533

0,8	50	8,3	1	081480550
1,6	50	11	1	081480551
3,2	50	16	1	081480553

## 8120

Genovese chains  
for static connections,  
galvanized



### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL		1	2
		kg	m		
1,5	10	8	150	1	081200015
1,6	12	15	150	1	081200016
2,2	14	25	75	1	081200022
2,7	16	40	75	1	081200027
3,0	17	55	75	1	081200030
3,4	18	100	60	1	081200034
3,8	19	110	50	1	081200038
4,4	20	200	40	1	081200044
4,8	21	250	30	1	081200048
5,5	22	300	25	1	081200055
5,8	23	310	25	1	081200058
6,5	24	400	25	1	081200065
7,0	25	450	25	1	081200070
7,5	26	550	20	1	081200075
* 8,0	27	600	25	1	081200080
* 9,0	28	800	25	1	081200090
* 10,0	30	1000	20	1	081200100
* 12,0	32	1400	15	1	081200120

Caution: product NOT designed for lifting purposes

(\*) available in COILS

## 8120B

Genovese chains  
for static connections,  
galvanized



### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report type 2.2 UNI EN10204

Ø mm	nr	WFL		1	2
		kg	m		
1,5	10	8	200	1	081200315
1,6	12	15	200	1	081200316
2,2	14	25	100	1	081200322
2,7	16	40	100	1	081200327
3,0	17	55	75	1	081200330
3,4	18	100	100	1	081200334
3,8	19	110	75	1	081200338
4,4	20	200	50	1	081200344
4,8	21	250	50	1	081200348
5,5	22	300	40	1	081200355
5,8	23	310	30	1	081200358
6,5	24	400	30	1	081200365
7,0	25	450	25	1	081200370
7,5	26	550	25	1	081200375
8,0	27	600	15	1	081200380
9,0	28	800	15	1	081200390
10,0	30	1000	10	1	081200400
12,0	32	1400	8	1	081200420

Caution: NOT for lifting

## 8121MZC

Genovese chains  
for static connections,  
hot-dip galvanized



### AVAILABLE CERTIFICATES

- Product specification
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL		1	2
		kg	m		
6,0	23	310	50	1	081210306
8,0	27	600	50	1	081210308
10,0	30	1000	50	1	081210310
12,0	32	1400	50	1	081210312
14,0	34	1800	50	1	081210314

## 8120D

calibrated chains DIN766  
electrolytic galvanized  
available in any length on request (>30m)



### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	P mm	WFL		1	2
		kg	m		
4	16	200	30	1	081200640
5	18,5	320	30	1	081200650
6	18,5	400	30	1	081200660
7	22	630	30	1	081200670
8	24	800	30	1	081200680
10	28	1250	30	1	081200700

calibrated chains DIN766  
HOT-DIP galvanized

Ø mm	P mm	WFL		1	2
		kg	m		
4	16	200	30	1	081200840
5	18,5	320	30	1	081200850
6	18,5	400	30	1	081200860
7	22	630	30	1	081200870
8	24	800	30	1	081200880
10	28	1250	30	1	081200900

## 8129

barrier chain,  
made of galvanized metal painted in red and white



Ø mm	m	1	2
5	30	1	081290050

Caution: NOT for lifting or anchoring

## 8130

antitheft chains, made of alloy steel,  
case-hardened, tempered,  
galvanized



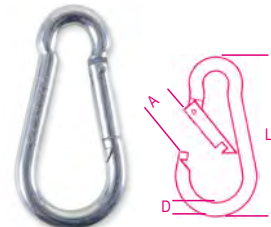
### AVAILABLE CERTIFICATES:

- Test report UNI EN10204 type 2.2

Ø mm	L mm	1	2
8	1000	1	081300081
8	1200	1	081300082
10	1500	1	081300105

## 8074

carabine hooks,  
for general connections  
galvanized  
NOT personal protective equipment



DIN 5299 tipo C

### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg	1	2
5x50	7	30	100	080740050
6x60	8	40	100	080740060
7x70	9	60	50	080740070
8x80	11	75	50	080740080
9x90	12	100	25	080740090
10x100	13	120	25	080740100
11x120	16	140	20	080740101
12x140	22	140	15	080740102
13x160	24	200	10	080740103
* 14x180	32	250	5	080740104

special packaging



DxL mm	A mm	1	2	
				6x60
7x70	9	25	1	080740770
8x80	11	25	1	080740780
9x90	12	15	1	080740790
10x100	13	15	1	080740800
11x120	16	10	1	080740801
12x140	22	10	1	080740802

## 8074A

ring carabine hooks,  
for general connections  
galvanized  
NOT personal protective equipment



DIN 5299 tipo A

### TECHNICAL DATA

• safety factor: 4

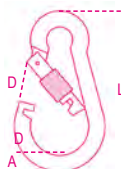
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
5x50	7,4	30	50	080740405
6x60	8,7	40	50	080740406
8x80	10,5	75	25	080740408
10x100	13,3	120	10	080740410

## 8074G

carabine hooks with screw nut,  
for general connections  
galvanized  
NOT personal protective equipment



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

øAxL mm	D mm	WFL kg		
5x50	7,5	30	50	080740305
6x60	8,5	40	50	080740306
8x80	10,3	75	25	080740308
10x100	10,6	120	10	080740310

## 8080

quick links,  
for general connections  
galvanized  
NOT personal protective equipment



### TECHNICAL DATA

• safety factor: 4

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
3,5x36	5	20	100	080800003
4x40	6	30	100	080800004
5x49	6	50	100	080800005
6x57	8	60	100	080800006
7x66	8	100	50	080800007
8x74	11	140	50	080800008
9x80	11	160	25	080800009
10x89	11	220	25	080800010
12x105	15	300	20	080800012
14x122	16,5	400	3	080800014

## 8050 D1=D45

safety locks and spare parts kit for eye hooks



<b>8050D1</b> 8064S-8065SC/800-8055S/1250	1	080500945
<b>8050D2</b> 8064S-8065SC/1000 8062/1500-8055S/1600	1	080500946
<b>8050D3</b> 8064S-8065SC/1600-2000 8055S/2500-3200	1	080500947
<b>8050D4</b> 8064S-8065SC/3200-8055S/5400	1	080500948
<b>8050D5</b> 8064S-8065SC/5000-8055S/8000	1	080500949
<b>8050D6</b> 8064S/7500-8055S/11500	1	080500950
<b>8050D11</b> 8062/2000	1	080500955
<b>8050D12</b> 8062/3000	1	080500956
<b>8050D13</b> 8062/5000	1	080500957
<b>8050D22</b> 8064S/10000 8055S/16000	1	080500966
<b>8050D23</b> 8055S/22000	1	080500967
<b>8050D24</b> 8051S/250	1	080500969
<b>8050D25</b> 8051S/500	1	080500970
<b>8050D32</b> 8060/8000	1	080500977
<b>8050D 33</b> 8052/800	1	080500978
<b>8050D 34</b> 8052/1120	1	080500979
<b>8050D 35</b> 8052/2000	1	080500980
<b>8050D 36</b> 8052/3150	1	080500981
<b>8050D 37</b> 8052/4000	1	080500982

<b>8050D38</b> 8060R/1120	1	080500983
<b>8050D53</b> 8060R/1500	1	080500994
<b>8050D39</b> 8060R/2000	1	080500984
<b>8050D40</b> 8060R/3150	1	080500985
<b>8050D41</b> 8060R/5300	1	080500986
<b>8050D42</b> 8063/800	1	080500987
<b>8050D43</b> 8063/1120	1	080500988
<b>8050D44</b> 8063/2000	1	080500989
<b>8050D45</b> 8063/3150	1	080500990



<b>8050D46</b> 8061R/1120	1	080500991
<b>8050D47</b> 8061R/2000	1	080500992
<b>8050D48</b> 8061R/3150	1	080500993
<b>8050D54</b> 8061R/5300	1	080500995
<b>8050D30</b> 8061R/8000	1	080500975



<b>8050D49</b> 8057R - 8058R - 8063SL /1120	1	080500849
<b>8050D50</b> 8057R - 8058R - 8063SL /2000	1	080500850
<b>8050D51</b> 8057R - 8058R - 8063SL /3150	1	080500851
<b>8050D52</b> 8057R - 8058R - 8063SL /5300	1	080500852

## 8058R/PS

pin kit for hooks item 8058R-8061R



	Ø mm		
<b>8058R/PS 1,12</b>	6	1	080580512
<b>8058R/PS 2,0</b>	7-8	1	080580520
<b>8058R/PS 3,15</b>	10	1	080580532
<b>8058R/PS 5,3</b>	13	1	080580553

## 8060R/PS

pin kit for hooks item 8060R



	Ø mm		
<b>8060R/PS 1,12</b>	6	1	080600511
<b>8060R/PS 1,5</b>	7	1	080600515
<b>8060R/PS 2,0</b>	8	1	080600520
<b>8060R/PS 3,15</b>	10	1	080600532
<b>8060R/PS 5,3</b>	13	1	080600553





### 8135/KLA1

operating lever kit  
for lifting clamps 8135



8135 WLL t		
0,75	1	081350605
1,00	1	081350610
2,00	1	081350615
3,00	1	081350620
5,00	1	081350625

Responsibility for repairs rests with repairer.

### 8135/KM0

spring kit for lifting clamps 8135



8135 WLL t		
0,75	1	081350655
1,00	1	081350660
2,00	1	081350665
3,00	1	081350670
5,00	1	081350675

Responsibility for repairs rests with repairer.

### 8143/RKL

kit of upper and lower hook latches  
for hand chain hoists 8143



8143 WLL t		
0,5	1	081430500
1,0	1	081430501
1,5	1	081430499
2,0	1	081430502
3,0	1	081430503
5,0	1	081430504

### 8143/RPC

kit of hook chain block pins  
for hand chain hoists 8143



8143 WLL t		
0,5	1	081430510
1,0	1	081430511
1,5	1	081430509
2,0	1	081430512
3,0	1	081430513
5,0	1	081430514

### 8143/RPF

kit of stop pins  
for hand chain blocks 8143



8143 WLL t		
0,5	1	081430520
1,0	1	081430521
1,5	1	081430519
2,0	1	081430522
3,0	1	081430523
5,0	1	081430524

### 8143/RKCI

kit of lower hook bodies  
for hand chain hoists 8143



8143 WLL t		
0,5	1	081430560
1,0	1	081430561
1,5	1	081430559
2,0	1	081430562
3,0	1	081430563
5,0	1	081430564
10,0	1	081430565

### 8146/RK

safety locks, pins and stops  
for hand LEVER hoists 8146C-8146



8146C-8146 WLL t		
0,25	1	081460902

### 8146/RKL

kit of upper and lower hook latches  
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460500
1,5	1	081460501
3,0	1	081460502
6,0	1	081460503

### 8146/RPC

kit of hook chain block pins  
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460510
1,5	1	081460511
3,0	1	081460512
6,0	1	081460513

### 8146/RKFC

kit of stops  
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460520
1,5	1	081460521
3,0	1	081460522
6,0	1	081460523

### 8146/RKCI

kit of lower hook bodies  
for hand lever hoists 8146



8146 WLL t		
0,75	1	081460560
1,5	1	081460561
3,0	1	081460562
6,0	1	081460563

### 8147S/RKR

wheel kit for push trolleys 8147S



WLL t		
0,5	1	081470900
1,0	1	081470901
2,0	1	081470902

## 8147C/RKR

wheel kit for chain trolleys 8147C



WLL t	
1,0	1 081470951
2,0	1 081470952
3,0	1 081470953
5,0	1 081470955

## 8148/RA

crosspiece for wire ropes of manual rope winches 8148



8148 t	
0,8	1 081480900
1,6	1 081480901
3,2	1 081480902

## 8148/RKS

set of 3 overload shear pins for manual rope winches 8148



8148 t	
0,8	1 081480903
1,6 - 3,2	1 081480904

## 8148/RKCM

set of 2 handle caps for manual rope winches 8148



8148/RKCM	1 081480905
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## 8148/RKCL

set of 2 lever caps for manual rope winches 8148



8148/RKCL	1 081480906
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## 8148/RP

anchor pins for manual rope winches 8148



8148 t	
0,8	1 081480907
1,6	1 081480908
3,2	1 081480909

## 8148/RKG

set of 2 protective sheaths for manual rope winches 8148

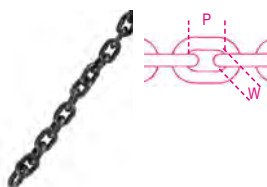


8148 t	
0,8	1 081480910
1,6	1 081480911
3,2	1 081480912

## 8149

lifting chains, high-tensile alloy steel

CE



EN 818-7

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	WLL Kg	P mm	W mm	
4	500	12	4,8	1 081490012
5	800	15	6,0	1 081490015
6	1100	18	7,2	1 081490018
6,3	1200	19	7,6	1 081490019
8	2000	24	9,6	1 081490024
10	3200	30	12	1 081490030

## 8149CM

hand chains for chain blocks 8143



Ø mm	B mm	t mm	
4,8	8,2	22,2	1 081490901

\* CAUTION: Product is delivered in one length of chain, unless otherwise specified in order!

## 8149CM/RA

spare welded ring hand chain for chain blocks 8143



L m	
3	1 081490903
6	1 081490906

\*Welded closed ring. Please read manual carefully before replacing chain.

## 8149 CMC

hand chains for trolleys 8147C



Ø mm	B mm	
4,7	7	1 081490600

# Robur

# STAINLESS STEEL



Unlike general-purpose steel (AISI 304), steel AISI 316 as selected by Beta provides high resistance to weathering as well as to saline corrosion and salt and organic acid corrosion. Stainless steel AISI 316 has a high content of:

- **Chromium** (it forms a surface film which protects the underlying material from oxidation)
- **Molybdenum** (it increases corrosion resistance of chlorides, e.g. sea water and defrosting products)
- **Nickel** (it allows the steel frame to be kept stable in time)

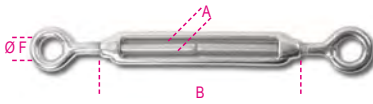
In addition, the low carbon content makes this steel more resistant to intergranular corrosion (a particular type of corrosion that can hardly be detected on the surface of the accessory and can trigger sudden breaks in corrosive environments).

Steel AISI 316 can boast some additional hallmarks: it is easy to clean, has an excellent hygienic coefficient, nonmagnetic properties, and good mechanical performance at low temperatures.

No doubt uniform, constant quality was, and still is, the main reliability factor of Robur's stainless steel products, as it ensures the same performance levels are achieved for all the production batches – yesterday as today and tomorrow.

## 8205

eye and eye turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg		
M4	62	8	75	10	082050204
M5	72	11	115	10	082050205
M6	92	12	160	8	082050206
M8	122	14	300	8	082050208
M10	150	16	470	4	082050210
M12	201	18	690	1	082050212
M14	225	22	940	1	082050214
M16	244	26	1290	1	082050216
M20	295	29	2130	1	082050220
M24	350	33	3000	1	082050224

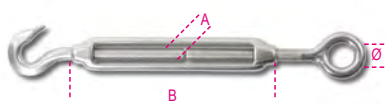
special packaging



A mm	B mm			
M4	62	5	1	082050704
M5	72	5	1	082050705
M6	92	4	1	082050706
M8	122	4	1	082050708
M10	150	2	1	082050710

## 8206

hook and eye turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

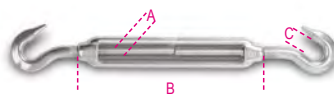
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg		
M5	72	11	25	10	082060205
M6	92	12	45	5	082060206
M8	122	14	95	5	082060208
M10	150	16	140	1	082060210
M12	201	18	300	1	082060212
M14	225	22	420	1	082060214
M16	244	26	570	1	082060216
M20	295	29	875	1	082060220

## 8207

hook and hook turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

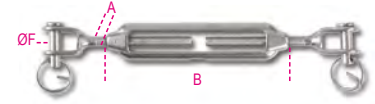
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	C mm	WFL kg		
M5	72	9	25	10	082070205
M6	92	9	45	5	082070206
M8	122	10	95	5	082070208
M10	150	12	140	1	082070210
M12	201	14	300	1	082070212
M14	225	15	420	1	082070214
M16	244	16	570	1	082070216
M20	295	19	875	1	082070220

## 8209

jaw and jaw turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

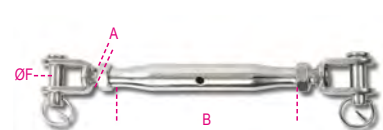
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg		
M5	72	5	115	5	082090205
M6	92	6	160	5	082090206
M8	122	8	300	5	082090208
M10	150	10	470	1	082090210
M12	201	12	690	1	082090212
M14	225	14	940	1	082090214
M16	244	16	1290	1	082090216
M20	295	20	2130	1	082090220
M24	350	24	3060	1	082090224

## 8210

jaw and jaw pipe turnbuckle  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ØF mm	WFL kg		
M5	81	5	115	3	082100205
M6	92	6	160	3	082100206
M8	112	8	300	1	082100208
M10	121	10	470	1	082100210
M12	150	12	690	1	082100212
M14	169	14	940	1	082100214
M16	190	16	1290	1	082100216
M20	220	20	2130	1	082100220

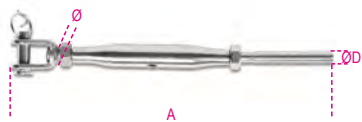


## 8210FTP

rigging screws with fixed jaw and press-fitting terminal

pipe turnbuckle bodies  
AISI 316 stainless steel

Steel with Nickel, Chromium and Molybdenum for increased corrosion resistance.



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	ØD mm	WFL mm	kg	
M5	159	2,70	150	2	082100605
M6	179	3,30	250	2	082100606
M8	216	4,30	350	1	082100608
M10	241	5,30	550	1	082100610
M12	300	6,30	1000	1	082100612
M14	345	7,30	1350	1	082100614
M16	383	8,30	1625	1	082100616
M20	484	10,50	2125	1	082100620

## 8201T

pipe bodies  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

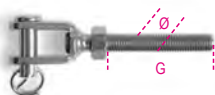
### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

Ø mm	Ø mm	WFL kg	L mm	
M6	1/4	160	95	5 082010406
M8	5/16	300	105	5 082010408
M10	3/8	470	125	3 082010410
M12	1/2	690	150	3 082010412
M14	9/16	940	165	1 082010414
M16	5/8	1290	190	1 082010416
M20	3/4	2130	210	1 082010420

## 8210F

turnbuckle jaws,  
stainless steel AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	≈ mm	G mm	WFL kg	
M5	3/16	38,5	115	4 082100305
M6	1/4	49	160	4 082100306
M8	5/16	56	300	4 082100308
M10	3/8	61	470	2 082100310
M12	1/2	81	690	2 082100312
M14	9/16	93	940	2 082100314

### left-handed thread

Ø mm	≈ mm	G mm	WFL kg	
M5	3/16	38,5	115	4 082100405
M6	1/4	49	160	4 082100406
M8	5/16	56	300	4 082100408
M10	3/8	61	470	2 082100410
M12	1/2	81	690	2 082100412
M14	9/16	93	940	2 082100414

## 8248

eye tie rods,  
stainless steel 316L,  
right thread



UNI 6058

### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ØxL mm	F mm	
8x120	6	1 082480008
10x80	8	1 082480010
10x130	8	1 082480012
12x95	10	1 082480016
12x125	10	1 082480018

## 8249

fastening eyebolts, right thread  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	WFL kg	D mm	
M5	100	50	10 082490205
M6	160	55	10 082490206
M8	300	60	5 082490208
M10	470	80	5 082490210
M12	690	120	2 082490212



## 82496

fastening hooks  
AISI 316



### LABORATORY TESTS

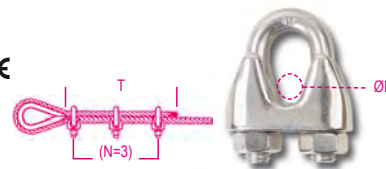
- chemical analysis
  - tensile test
- AVAILABLE CERTIFICATES
- Technical Product Specifications
  - Test Report UNI EN10204 type 2.2

A mm	E mm	ØF mm	WFL kg	
M5	39	9	25	5 082490305
M6	43	10,5	45	5 082490306
M8	57	14,5	95	3 082490308

## 8216

wire rope clips  
AISI 316

CE



### LABORATORY TESTS

- chemical analysis
- torque test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

ØF mm	"	T	N	
2	5/64	80	3	20 082160202
3	1/8	80	3	20 082160203
4	5/32	80	3	20 082160204
5	3/16	110	3	20 082160205
6	1/4	120	5	10 082160206
8	5/16	210	5	10 082160208
10	3/8	240	5	8 082160210
12-13	1/2	300	5	5 082160213
16	5/8	335	5	5 082160216
20	3/4	540	5	5 082160220
22	7/8	595	7	3 082160222

### special packaging



ØF mm	"		
2	5/64	10	1 082160702
3	1/8	10	1 082160703
4	5/32	10	1 082160704
5	3/16	10	1 082160705
6	1/4	5	1 082160706
8	5/16	5	1 082160708
10	3/8	4	1 082160710

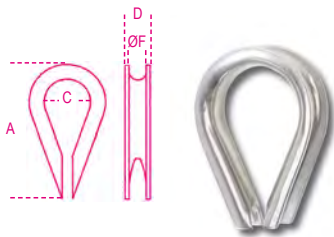
### special free service boxes



ØF mm			
2	4	1	082169402
3	4	1	082169403
4	4	1	082169404
5	2	1	082169405
6	2	1	082169406
8	2	1	082169408
10	2	1	082169410

## 8220

thimbles  
AISI 316



### LABORATORY TESTS

- chemical analysis

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø F mm	D mm	A mm	C mm		
2	4,5	21	7,5	15	082200202
3	6	24	10	15	082200203
4	6,6	28	11	10	082200204
5	8,5	30	13	10	082200205
6	10	37	15	10	082200206
8	12,5	51	23	5	082200208
10	14,6	56	27	5	082200210
12	18	68	32	5	082200212
14	19	69	34	5	082200214
16	22	83	37	5	082200216
18	23	81	38	1	082200218
20	27,8	105	45	1	082200220
22	29,6	112	45	1	082200222

## 8225

dee shackles  
for general connections  
AISI 316  
NOT for lifting



### LABORATORY TESTS

- chemical analysis

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	20	082250204
5	3/16	11	70	20	082250205
6	1/4	13	100	10	082250206
8	5/16	17	250	10	082250208
10	3/8	21	400	8	082250210
12	1/2	25	600	3	082250212
16	5/8	32	1000	1	082250216
19	3/4	38	1600	1	082250219
22	7/8	43	2000	1	082250222
25	1	46	2800	1	082250225

### special packaging



ø D mm	"				
4	5/32	10		1	082250704
5	3/16	10		1	082250705
6	1/4	5		1	082250706
8	5/16	5		1	082250708
10	3/8	4		1	082250710

## 8227

long dee shackles  
for general connections  
AISI 316  
NOT for lifting



### LABORATORY TESTS

- chemical analysis

- tensile test

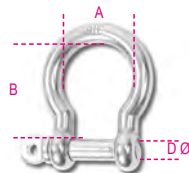
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	10	082270204
5	3/16	10	70	10	082270205
6	1/4	13,5	100	5	082270206
8	5/16	17	250	5	082270208
10	3/8	21	400	2	082270210
12	1/2	25	600	1	082270212

## 8228

bow shackles  
for general connections  
AISI 316  
NOT for lifting



### LABORATORY TESTS

- chemical analysis

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	B mm	WFL kg		
4	13	20	60	10	082280204
5	17	23	80	10	082280205
6	20	27	100	10	082280206
8	28	36	200	5	082280208
10	36	44	300	5	082280210
12	41	53	500	5	082280212
16	54	74	800	1	082280216
19	66	86	1100	1	082280219

## 8240F

lifting eye bolts, FORGED  
stainless steel A4



### TECHNICAL DATA

- safety factor: 6

- traceability code

### LABORATORY TESTS

- chemical analysis

- metallographic analysis

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications

- Test report UNI EN10204 type 2.2

- Inspection certificate UNI EN10204 type 3.1

- CE Declaration of Conformity

ø mm	WFL mm	WLL kg		
* M6	1,0	120	4	082400406
* M8	1,25	200	4	082400408
* M10	1,5	400	4	082400410
* M12	1,75	600	4	082400412
* M14	2	1000	2	082400414
* M16	2	1200	2	082400416
* M20	2,5	2000	2	082400420
* M24	3	2700	2	082400424
* M30	3,5	4000	1	082400430

(\* ) WLL increased compared to DIN standard  
according to Technical Specifications R/FT/8240F  
(guaranteed for stainless steel / stainless steel fits)

## 8240

eye bolts,  
for general connections  
stainless steel AISI 316  
NOT for lifting



### LABORATORY TESTS

- chemical analysis

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications

- Test report UNI EN10204 type 2.2

A mm	B mm	ø C mm	WFL kg		
M6	41	15	90	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

## 8242F

lifting eye nuts, FORGED  
stainless steel A4

CE



### TECHNICAL DATA

- safety factor: 6
- traceability code

### LABORATORY TESTS

- chemical analysis
- metallographic analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of conformity

ø	WLL		
mm	mm	kg	
M6	1,0	120	4 082420406
* M8	1,25	200	4 082420408
* M10	1,5	400	4 082420410
* M12	1,75	600	4 082420412
* M14	2	1000	2 082420414
* M16	2	1200	2 082420416
* M20	2,5	2000	2 082420420
* M24	3	2700	2 082420424
* M30	3,5	4000	1 082420430

(\*) WLL ø M10÷M24

- increased according to Technical File R/FT/8242F
- guaranteed with stainless steel coupling

## 8242

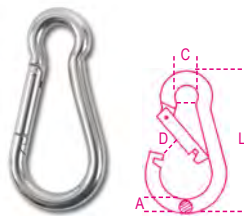
eye nuts  
for general connections  
stainless steel AISI 316  
NOT for lifting



A	B	ø C	WFL	
mm	mm	mm	kg	
M6	27	15	90	10 082420206
M8	36	20	140	10 082420208
M10	45	25	230	5 082420210
M12	55	30	340	5 082420212

## 8274

carabine hooks  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	
mm	mm	mm	kg	
4,5x40	6,5	6	20	20 082740204
5x50	7	6,5	30	20 082740205
6x60	8,5	7,5	40	10 082740206
7x70	10	9	60	10 082740207
8x80	12	10	75	10 082740208
9x90	12,5	10,5	100	10 082740209
10x100	15	13	120	8 082740210
11x120	19	18	140	1 082740211
12x140	22	21	140	1 082740212
13x160	22	26	200	1 082740213

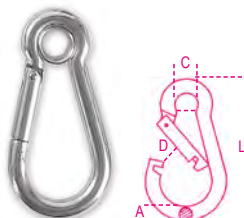
special packaging



ø A x L	ø C		
mm	mm		
4,5x40	6,5	10	1 082740704
5x50	7	10	1 082740705
6x60	8,5	5	1 082740706
7x70	10	5	1 082740707
8x80	12	5	1 082740708
9x90	12,5	5	1 082740709
10x100	15	4	1 082740710

## 8274A

ring carabine hooks  
for general connections,  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

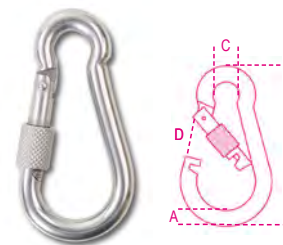
### AVAILABLE CERTIFICATES

- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	
mm	mm	mm	kg	
5x50	6,5	7	30	10 082740405
6x60	7,5	7,5	40	5 082740406
8x80	9,5	10	75	5 082740408

## 8274G

carabine hooks with screw nut  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

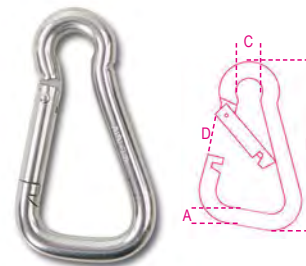
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A x L	ø C	D	WFL	
mm	mm	mm	kg	
6x60	8,5	6,5	40	5 082740306
8x80	12	8,5	75	5 082740308
10x100	15	12	120	3 082740310

## 8276

asymmetric carabine hooks  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

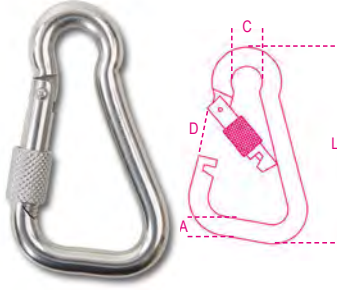
ø A x L	ø C	D	WFL	
mm	mm	mm	kg	
6x60	8,5	10	40	5 082760206
8x80	12	14	75	5 082760208
10x100	15	18	120	3 082760210

**Robur**

**Robur**

## 8276G

asymmetric carabine hooks with screw nut  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

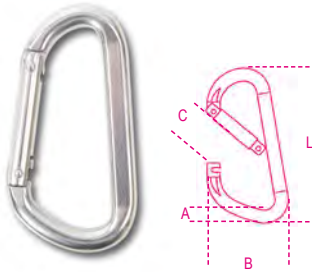
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

∅ A x L	∅ C	D	WFL		
mm	mm	mm	kg		
6x60	8,5	9	40	3	082760306
8x80	12	12,5	75	3	082760308
10x100	15	16	120	3	082760310

## 8278

trapezoidal carabine hooks  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

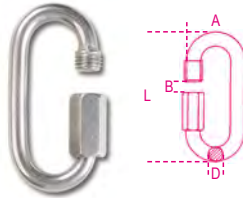
- Technical product specifications
- Test report UNI EN10204 type 2.2

∅ A x L	B	C	WFL		
mm	mm	mm	kg		
8x80	45	14	75	3	082780208
10x100	55	16	120	3	082780210

# Robur

## 8280

quick links  
for general connections  
AISI 316  
NOT personal protective equipment



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

∅ D x L	A	B	WFL		
mm	mm	mm	kg		
3,5x35	17	5	20	10	082800203
4x40	19	6	30	10	082800204
5x50	23	7	50	5	082800205
6x60	26	8	60	5	082800206
7x70	30	9	100	5	082800207
8x80	33	10	140	2	082800208
10x90	40	12	220	2	082800210
12x100	47	14	300	1	082800212

## 8250

spring snap-casting eye end  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

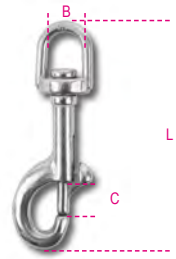
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

L	A	∅ B	WFL		
mm	mm	mm	kg		
50	25	8	40	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	2	082500210

## 8264

swivel eye bolt snap  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

B	L	C	WFL		
mm	mm	mm	kg		
12	88	12	60	5	082640212
16	90	12	60	5	082640216
19	93	12	60	2	082640219

## 8267

swivel eye snap  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

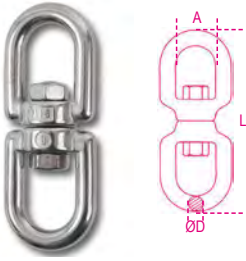
A	L	B	WFL		
mm	mm	mm	kg		
10	87	21	30	5	082670210
12	118	22	70	2	082670213

# Robur

# Robur

## 8272

eye and eye swivels  
for general connections  
AISI 316  
NOT for lifting



### LABORATORY TESTS

- chemical analysis
- tensile test

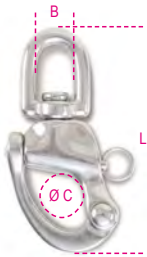
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D mm	A mm	L mm	WFL kg		
4	11	50	90	5	082720204
5	13	60	115	5	082720205
6	15	66	140	5	082720206
8	19	90	250	3	082720208
10	23	112	300	1	082720210
13	33	148	650	1	082720213
16	38	184	1000	1	082720216
19	40	223	1600	1	082720219

## 8273

quick-release hooks  
with swivel eyes  
for general connections  
AISI 316 stainless steel  
NOT for lifting



### LABORATORY TESTS

- chemical analysis
- tensile test

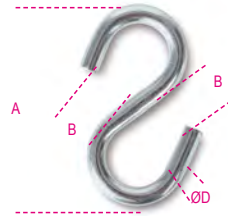
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø C x L mm	B mm	WFL kg	BF kg		
12x70	12	230	1100	1	082730012
16x85	14,50	440	2000	1	082730016
22x120	20	700	3500	1	082730022

## 8282S

S-hooks, symmetric  
AISI 316 stainless steel



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Product specifications
- Test report type 2.2 UNI EN10204

Ø D mm	B mm	A mm	WFL kg		
3	5,5	34	4	40	082820303
4	7,0	40	5	30	082820304
5	9,0	46	12	20	082820305
6	10	54	18	15	082820306

## 8284

pelican hooks terminals  
AISI 316 stainless steel



### LABORATORY TESTS

- chemical analysis
- tensile test

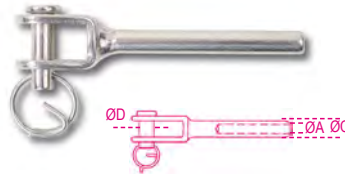
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø C mm	B mm	L mm	WFL kg		
6	11	73	200	3	082840006
8	14	98	300	3	082840008
10	23	143	450	1	082840010

## 8285

jaw terminals  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A M	Ø C mm	Ø D mm	WFL kg		
3	6,3	6	180	5	082850203
4	7,5	8	200	3	082850204
5	9	10	330	2	082850205
6	12,5	12	720	2	082850206
7	12,5	12	850	2	082850207
8	15,5	16	1120	2	082850208
10	18	16	1300	2	082850210
12	20	19	2400	2	082850212

## 8286

eye terminals  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

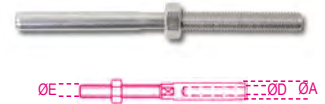
### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D M	Ø A mm	Ø C mm	WFL kg		
3	6,5	6,3	180	5	082860203
4	8,5	7,5	200	3	082860204
5	10	9	330	2	082860205
6	12,5	12,6	720	2	082860206
7	12,5	14,2	850	2	082860207
8	14,5	16	1120	2	082860208
10	16,4	18	1300	2	082860210
12	19,3	20	2400	2	082860212

## 8287

swage studs  
AISI 316



### LABORATORY TESTS

- chemical analysis
- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø D M	Ø A mm	E mm	WFL kg		
3	6,2	M6	180	5	082870203
4	7,5	M8	200	3	082870204
5	8,7	M10	330	2	082870205
6	12,6	M12	720	2	082870206
7	12,6	M14	850	2	082870207
8	16	M16	1120	2	082870208
10	18	M16	1300	2	082870210
12	20	M20	2400	2	082870212

**Robur**

**Robur**



## 8290

pad eyes  
AISI 316



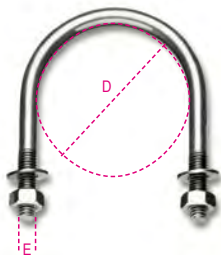
### LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø A	B	Ø C	L		
mm	mm	mm	mm		
5	18	4,3	40	5	082900205
6	22	5,2	44	5	082900206
8	23	5,2	51	5	082900208

## 8381SX

U bolts for pipes



AISI 304

### LABORATORY TESTS

- chemical analysis
- AVAILABLE CERTIFICATES
- Test report UNIEN10204 type 2.2

D	D	E		
mm	gas	mm		
11	1/8"	M6	20	083810401
14	1/4"	M6	20	083810402
18	3/8"	M6	20	083810403
22	1/2"	M6	20	083810404
27	3/4"	M6	20	083810405
34	1"	M6	20	083810406
43	1 1/4"	M6	20	083810407
49	1 1/2"	M8	10	083810408
61	2"	M8	10	083810409
77	2 1/2"	M8	10	083810410
89	3"	M8	10	083810412
115	4"	M8	10	083810413
168	6"	M10	1	083810416
220	8"	M10	1	083810418

# Robur

## 8279

Genovese chains  
for static connections,  
AISI 304 stainless steel



### TECHNICAL DATA

- safety factor: 4
- AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

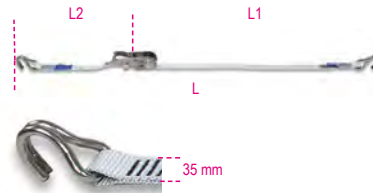
Ø mm	nr	WFL		
		kg	m	
2	13	20	50	1 082790020
3	17	55	50	1 082790030
4	19	100	50	1 082790040
5	21	250	40	1 082790050
6	23	310	30	1 082790060
8	27	400	15	1 082790080
10	30	1000	10	1 082790400

Caution: product NOT designed for lifting purposes

## 8293

ratchet tie downs AISI 304  
high-tenacity polyester belt, LC 300 kg,  
with hooks

hangable



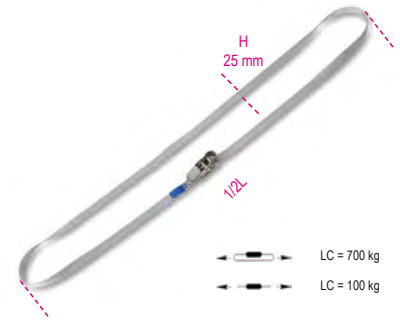
L	L2	L1	STF		
m	mm	mm	daN		
6	5700	300	100	1	082930106

LC = 300 kg

## 8297C

ratchet tie downs,  
with mini-ratchets, AISI 304  
high-tenacity polyester belt, LC 700 kg

hangable

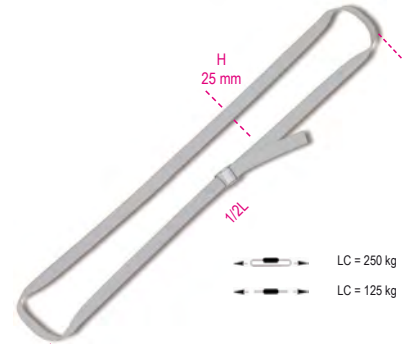


L	H		
m	mm		
5	25	1	082970350

## 8297F

2 cam buckle straps,  
AISI 304,  
high-tenacity polyester belt, LC 250 kg

hangable



L	H		
m	mm		
3	25	1	082970230

LC = 250 kg

# Robur

# Robur

## POLYESTER SLINGS

### TECHNICAL DATA

- safety factor: 7
- traceability code

### LABORATORY TESTS

- tensile test

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN1492
- CE Declaration of Conformity

## POLYESTER SLINGS

The polyester slings, which comply with the European standard, UNI EN 1492, stand out as **lightweight, handy and flexible**; they do not damage the surfaces of loads, and ensure elasticity, for pulls to be controlled and cushioned while handling loads.

They mean an ideal solution to **lifting problems with delicate loads**, which might be damaged by cable or chain slings, when working in corrosive environments or in case of danger of electrical conduction.

The **tag** sewn on the sling, complete with manufacturer's data, CE marking, batch number and carrying capacity details, **is covered with a protective layer, so that legibility can be preserved over time.**

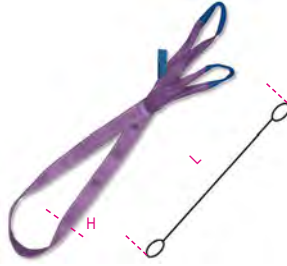


	$\beta = 0^\circ + 45^\circ$	$\beta = 45^\circ + 60^\circ$			
	1t	0,8t	2t	1,4t	1t
	2t	1,6t	4t	2,8t	2t
	3t	2,4t	6t	4,2t	3t
	4t	3,2t	8t	5,6t	4t
	5t	4t	10t	7t	5t
	6t	4,8t	12t	8,4t	6t
	8t	6,4t	16t	11,2t	8t
	10t	8t	20t	14t	10t
	12t	9,6t	24t	16,8t	12t
	15t	12t	30t	21t	15t
	20t	16t	40t	28t	20t
	25t	20t	50t	35t	25t
	30t	24t	60t	42t	30t
	40t	32t	80t	56t	40t
	50t	40t	100t	70t	50t

## 8150

lifting web slings, purple 1t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



EN 1492-1

L m	H mm	WLL ton		
0,5	30	1	1	081500005
1	30	1	1	081500010
1,5	30	1	1	081500015
2	30	1	1	081500020
2,5	30	1	1	081500025
3	30	1	1	081500030
3,5	30	1	1	081500035
4	30	1	1	081500040
5	30	1	1	081500050
6	30	1	1	081500060
8	30	1	1	081500080

## 8153

lifting web slings, green 2t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



EN 1492-1

L m	H mm	WLL ton		
1	60	2	1	081530010
1,5	60	2	1	081530015
2	60	2	1	081530020
2,5	60	2	1	081530025
3	60	2	1	081530030
3,5	60	2	1	081530035
4	60	2	1	081530040
5	60	2	1	081530050
6	60	2	1	081530060
8	60	2	1	081530080
10	60	2	1	081530100



## 8156

lifting web slings, yellow 3t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



EN 1492-1

L m	H mm	WLL ton		
1	90	3	1	081560010
1,5	90	3	1	081560015
2	90	3	1	081560020
2,5	90	3	1	081560025
3	90	3	1	081560030
3,5	90	3	1	081560035
4	90	3	1	081560040
5	90	3	1	081560050
6	90	3	1	081560060
8	90	3	1	081560080
10	90	3	1	081560100
12	90	3	1	081560120

## 8157

lifting web slings, grey 4t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



EN 1492-1

L m	H mm	WLL ton		
2	120	4	1	081570020
3	120	4	1	081570030
4	120	4	1	081570040
5	120	4	1	081570050
6	120	4	1	081570060
8	120	4	1	081570080
10	120	4	1	081570100
12	120	4	1	081570120



## 8158

lifting web slings, red 5t  
two layers with reinforced eyes  
high-tenacity polyester (PES) belt

CE



EN 1492-1

L m	H mm	WLL ton		
2	150	5	1	081580020
3	150	5	1	081580030
4	150	5	1	081580040
5	150	5	1	081580050
6	150	5	1	081580060
8	150	5	1	081580080
10	150	5	1	081580100
12	150	5	1	081580120

## 8159

lifting web slings, brown 6t  
two layers with reinforced eyes  
high-tenacity polyester (PES)

CE



EN 1492-1

L m	H mm	WLL ton		
2	180	6	1	081590020
3	180	6	1	081590030
4	180	6	1	081590040
5	180	6	1	081590050
6	180	6	1	081590060
8	180	6	1	081590080
10	180	6	1	081590100



## 8160

lifting web slings, blue 8t  
two layers with reinforced eyes  
high-tenacity polyester (PES)

CE



EN 1492-1

L m	H mm	WLL ton		
3	240	8	1	081600030
4	240	8	1	081600040
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

## 8161

lifting web slings, orange,  
10t two-layer flat sling,  
20t four-layer flat sling,  
reinforced eyes

CE



EN 1492-1

L m	H mm	WLL ton		
3	300	10	1	081610030
4	300	10	1	081610040
5	300	10	1	081610050
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100
12	300	10	1	081610120

3	300	20	1	081612030
4	300	20	1	081612040
5	300	20	1	081612050
6	300	20	1	081612060
8	300	20	1	081612080
10	300	20	1	081612100
12	300	20	1	081612120

## 8170

lifting round slings, purple 1t  
high-tenacity polyester (PES) belt

CE



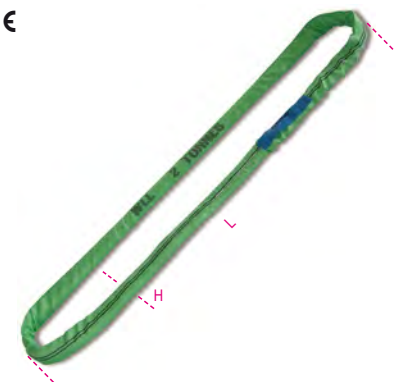
EN 1492-2

L m	WLL ton	H mm		
0,5	1	45	1	081700010
1	1	45	1	081700020
1,5	1	45	1	081700030
2	1	45	1	081700040
2,5	1	45	1	081700050
3	1	45	1	081700060
4	1	45	1	081700080
5	1	45	1	081700100

## 8173

lifting round slings, green 2t  
high-tenacity polyester (PES) belt

CE



EN 1492-2

L m	H mm	WLL ton		
0,5	50	2	1	081730010
1	50	2	1	081730020
1,5	50	2	1	081730030
2	50	2	1	081730040
2,5	50	2	1	081730050
3	50	2	1	081730060
4	50	2	1	081730080
5	50	2	1	081730100
6	50	2	1	081730120
8	50	2	1	081730160



# Robur

## 8176

lifting round slings, yellow 3t  
high-tenacity polyester (PES) belt

CE



EN 1492-2

L m	H mm	WLL ton	
0,5	60	3	1 081760010
1	60	3	1 081760020
1,5	60	3	1 081760030
2	60	3	1 081760040
2,5	60	3	1 081760050
3	60	3	1 081760060
4	60	3	1 081760080
5	60	3	1 081760100
6	60	3	1 081760120
8	60	3	1 081760160

## 8177

lifting round slings, grey 4t  
high-tenacity polyester (PES) belt

CE



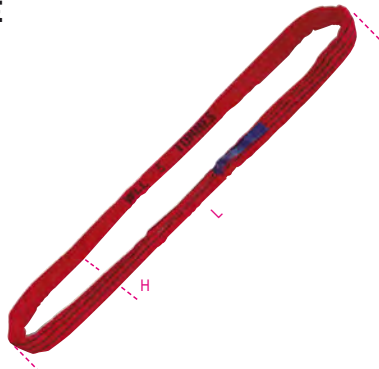
EN 1492-2

L m	H mm	WLL ton	
0,5	65	4	1 081770010
1	65	4	1 081770020
1,5	65	4	1 081770030
2	65	4	1 081770040
2,5	65	4	1 081770050
3	65	4	1 081770060
4	65	4	1 081770080
5	65	4	1 081770100
6	65	4	1 081770120
8	65	4	1 081770160

## 8178

lifting round slings, red 5t  
high-tenacity polyester (PES) belt

CE



EN 1492-2

L m	H mm	WLL ton	
0,5	70	5	1 081780010
1	70	5	1 081780020
1,5	70	5	1 081780030
2	70	5	1 081780040
2,5	70	5	1 081780050
3	70	5	1 081780060
4	70	5	1 081780080
5	70	5	1 081780100
6	70	5	1 081780120
8	70	5	1 081780160

## 8179M

lifting round slings, brown 6t  
high-tenacity polyester (PES) belt

CE



EN 1492-2

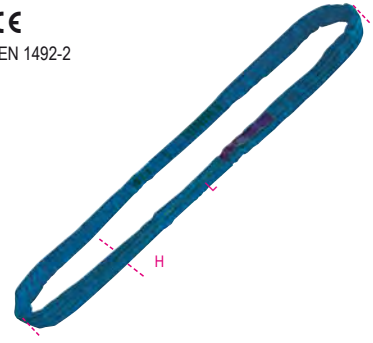
L m	H mm	WLL ton	
1	80	6	1 081790020
1,5	80	6	1 081790030
2	80	6	1 081790040
2,5	80	6	1 081790050
3	80	6	1 081790060
4	80	6	1 081790080
5	80	6	1 081790100
6	80	6	1 081790120
8	80	6	1 081790160

## 8179B

lifting round slings, blue, 8 t,  
high-tenacity polyester (PES) belt

CE

EN 1492-2



L m	H mm	WLL ton	
1	85	8	1 081790220
1,5	85	8	1 081790230
2	85	8	1 081790240
2,5	85	8	1 081790250
3	85	8	1 081790260
4	85	8	1 081790280
5	85	8	1 081790300
6	85	8	1 081790320
8	85	8	1 081790360

# Robur

# Robur

## 8179A

lifting round slings, orange, 10t+50t,  
high-tenacity polyester (PES) belt

CE  
EN 1492-2



L m	H mm	WLL ton		
1	95	10	1	081790502
1,5	95	10	1	081790503
2	95	10	1	081790504
2,5	95	10	1	081790505
3	95	10	1	081790506
4	95	10	1	081790508
5	95	10	1	081790510
6	95	10	1	081790512
8	95	10	1	081790516
10	95	10	1	081790520
12	95	10	1	081790524
<hr/>				
2	100	12	1	081791204
2,5	100	12	1	081791205
3	100	12	1	081791206
3,5	100	12	1	081791207
4	100	12	1	081791208
4,5	100	12	1	081791209
5	100	12	1	081791210
5,5	100	12	1	081791211
6	100	12	1	081791212
6,5	100	12	1	081791213
7	100	12	1	081791214
7,5	100	12	1	081791215
8	100	12	1	081791216
8,5	100	12	1	081791217
9	100	12	1	081791218
9,5	100	12	1	081791219
10	100	12	1	081791220
<hr/>				
2	110	15	1	081791504
2,5	110	15	1	081791505
3	110	15	1	081791506
3,5	110	15	1	081791507
4	110	15	1	081791508
4,5	110	15	1	081791509
5	110	15	1	081791510
5,5	110	15	1	081791511
6	110	15	1	081791512
6,5	110	15	1	081791513
7	110	15	1	081791514
7,5	110	15	1	081791515
8	110	15	1	081791516
8,5	110	15	1	081791517
9	110	15	1	081791518
9,5	110	15	1	081791519
10	110	15	1	081791520
<hr/>				
2	130	20	1	081792004
2,5	130	20	1	081792005
3	130	20	1	081792006
3,5	130	20	1	081792007
4	130	20	1	081792008
4,5	130	20	1	081792009
5	130	20	1	081792010
5,5	130	20	1	081792011
6	130	20	1	081792012
6,5	130	20	1	081792013
7	130	20	1	081792014
7,5	130	20	1	081792015
8	130	20	1	081792016
8,5	130	20	1	081792017
9	130	20	1	081792018
9,5	130	20	1	081792019
10	130	20	1	081792020

2	135	25	1	081792504
2,5	135	25	1	081792505
3	135	25	1	081792506
3,5	135	25	1	081792507
4	135	25	1	081792508
4,5	135	25	1	081792509
5	135	25	1	081792510
5,5	135	25	1	081792511
6	135	25	1	081792512
6,5	135	25	1	081792513
7	135	25	1	081792514
7,5	135	25	1	081792515
8	135	25	1	081792516
8,5	135	25	1	081792517
9	135	25	1	081792518
9,5	135	25	1	081792519
10	135	25	1	081792520

2	160	30	1	081793004
2,5	160	30	1	081793005
3	160	30	1	081793006
3,5	160	30	1	081793007
4	160	30	1	081793008
4,5	160	30	1	081793009
5	160	30	1	081793010
5,5	160	30	1	081793011
6	160	30	1	081793012
6,5	160	30	1	081793013
7	160	30	1	081793014
7,5	160	30	1	081793015
8	160	30	1	081793016
8,5	160	30	1	081793017
9	160	30	1	081793018
9,5	160	30	1	081793019
10	160	30	1	081793020

2	165	40	1	081794004
2,5	165	40	1	081794005
3	165	40	1	081794006
3,5	165	40	1	081794007
4	165	40	1	081794008
4,5	165	40	1	081794009
5	165	40	1	081794010
5,5	165	40	1	081794011
6	165	40	1	081794012
6,5	165	40	1	081794013
7	165	40	1	081794014
7,5	165	40	1	081794015
8	165	40	1	081794016
8,5	165	40	1	081794017
9	165	40	1	081794018
9,5	165	40	1	081794019
10	165	40	1	081794020

3	180	50	1	081795006
3,5	180	50	1	081795007
4	180	50	1	081795008
4,5	180	50	1	081795009
5	180	50	1	081795010
5,5	180	50	1	081795011
6	180	50	1	081795012
6,5	180	50	1	081795013
7	180	50	1	081795014
7,5	180	50	1	081795015
8	180	50	1	081795016
8,5	180	50	1	081795017
9	180	50	1	081795018
9,5	180	50	1	081795019
10	180	50	1	081795020



## 8166

anti-abrasion sheaths for slings,  
high-tenacity polyester (PES),  
with elastomer underlayer



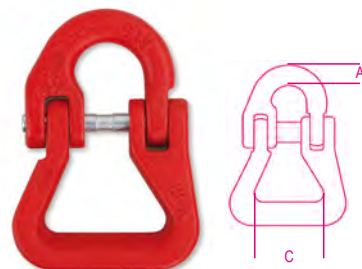
H mm	ø mm	L m		
70	45	3	1	081660073
80	52	3	1	081660083
110	70	3	1	081660103
155	100	3	1	081660153
170	110	3	1	081660170
235	150	4	1	081660235

H mm			
70	8150	8170-8173	081660073
80	8153	8176	081660083
110	8153-8156	8177-8178	081660103
155	8157	8178-8179A 8179B-8179M	081660153
170	8158	-	081660170
235	8159	-	081660235

## 8090F

lifting connecting links for polyester slings,  
alloy steel, painted

CE



EN 1677-1

### TECHNICAL DATA

- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

### LABORATORY TESTS

- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

- fatigue test (min. 20,000 cycles)

### AVAILABLE CERTIFICATES

- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	ø mm	A mm	C mm		
2000	7-8	10,5	40	1	080900220
3150	10	12	50	1	080900232
5300	13	17	60	1	080900253
8000	16	21	75	1	080900280

## RATCHET TIE DOWNS

### TECHNICAL DATA

- safety factor: 2

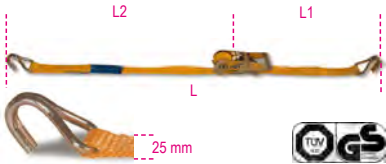
- traceability code

### LABORATORY TESTS

- ratchet pretensioning test
  - metal parts deformation test
  - complete system tensile test
- AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2

## 8180

ratchet tie down with single hook, LC 750kg high-tenacity polyester (PES) belt



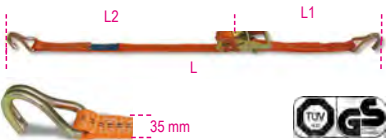
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3750	250	200	1	081800004
6	5750	250	200	1	081800006
8	7750	250	200	1	081800008

LC = 750 kg

## 8181

ratchet tie down with single hook, LC 1000kg high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3600	400	180	1	081810004
6	5600	400	180	1	081810006
8	7600	400	180	1	081810008

LC = 1000 kg

## 8181 6/B4

bag with set of 4 ratchet tie-downs 8181, 6 m high-tenacity polyester belt (PES), single hooks

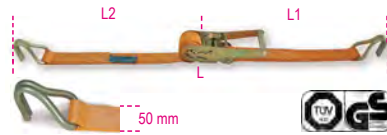


EN12195-2

L2	L1	L	STF		
mm	mm	m	daN		
5600	400	6	180	3	081810916

## 8182T

ratchet tie down with double hook, LC 1500kg, high-tenacity polyester (PES) belt



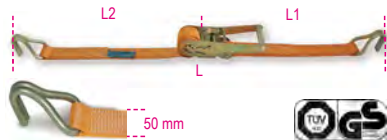
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081821085
10,5	10100	400	300	1	081821105

LC = 1500 kg

## 8182

ratchet tie down with single hook, LC 2000kg high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4,5	4100	400	300	1	081820045
6,5	6100	400	300	1	081820065
8,5	8100	400	300	1	081820085
10,5	10100	400	300	1	081820105
14,5	14100	400	300	1	081820145
16,5	16100	400	300	1	081820165

LC = 2000 kg

## > 8182LP 8100



L2		
mm		
8100	1	081820902

long part

## > 8182SP 400



L1		
mm		
400	1	081820905

short part

## > 8182SP/BHN



L1		
mm		
400	1	081820906

short part with single hooks and nut

## > 8182 8,5/B2

bag with set of 2 ratchet tie-downs 8182, 8,5 m high-tenacity polyester belt (PES) single hooks

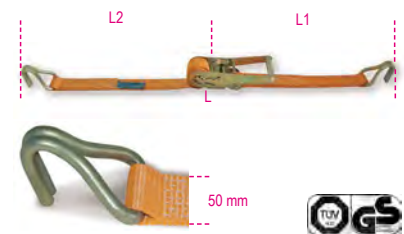


EN 12195-2

L2	L1	L	STF		
mm	mm	m	daN		
8100	400	8,5	300	4	081821885

## > 8182H

ratchet tie down with single hook, LC 2500kg, high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
6,5	6100	400	300	1	081820406
8,5	8100	400	300	1	081820408
10,5	10100	400	300	1	081820410
14,5	14100	400	300	1	081820414

LC = 2500 kg

## > 8184

reverse ratchet tie down, long lever, with single hook, LC 2500 kg, high-tenacity polyester (PES) belt



EN12195-2

L	L2	L1	STF		
m	mm	mm	daN		
6,5	6100	400	500	1	081840065
8,5	8100	400	500	1	081840085
10,5	10100	400	500	1	081840105

LC = 2500 kg



## 8183

ratchet tie down with single hook, LC 5000 kg, high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8000	500	500	1	081830085
12,5	12000	500	500	1	081830125

LC = 5000 kg

## 8181S

ratchet tie down with double hook, LC 1000kg, high-tenacity polyester (PES) belt



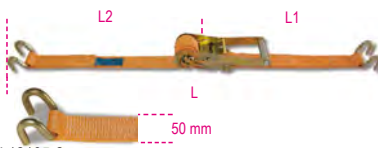
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
6	5600	400	180	1	081810206

LC = 1000 kg

## 8182TS

ratchet tie down with single hook, LC 1500kg, high-tenacity polyester (PES) belt



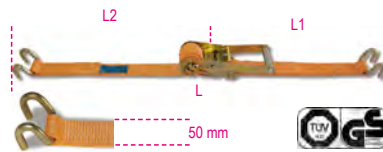
EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081821285
10,5	10100	400	300	1	081821305

LC = 1500 kg

## 8182S

ratchet tie down with double hook, LC 2000kg, high-tenacity polyester (PES) belt



EN 12195-2

L	L1	L2	STF		
m	mm	mm	daN		
6,5	400	6100	300	1	081820265
8,5	400	8100	300	1	081820285
10,5	400	10100	300	1	081820305

LC = 2000 kg

## 8182SLP 8100



L2	L1		
mm	mm		
8100	-	1	081820912

long part

## 8182SSP 400



L1			
mm			
400	1	081820915	

short part

## 8182SSP/BHN

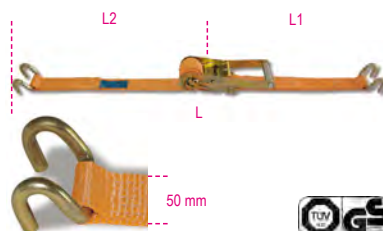


L1			
mm			
400	1	081820916	

short part with double hooks and nut

## 8182H/2

ratchet tie down with double hook, LC 2500 kg, high-tenacity polyester belt (PES)



EN 12195-2

L	L1	L2	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081820385

LC = 2500 kg

## 8182E

ratchet tie downs for van and truck interiors, LC 1000 kg, high-tenacity polyester (PES) belt



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
4	3500	500	220	1	081820440

LC = 1000 kg

	L2	L1		
	mm	mm		
8182EL 2500	2500		1	081820942
8182EC 1500	1500		1	081820945

## 8182GD

ratchet tie down with delta hook, LC 2000 kg, high-tenacity polyester belt (PES)



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081820485

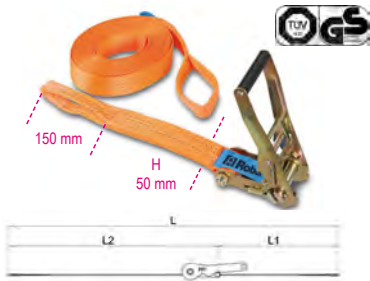
LC = 2000 kg

**Robur**

**Robur**

## 8182A

ratchet tie downs with 2 eyes,  
high-tenacity polyester (PES) belt,  
LC 2000 kg



EN 12195-2

L	L2	L1	STF		
m	mm	mm	daN		
8,5	8100	400	300	1	081820585

LC = 2000 kg

## 8190

ratchet load binder with 2 hooks  
Grade 8



EN12195/3

### TECHNICAL DATA

- Safety factor: 2
  - Heat treatment: hardening and tempering
  - Traceability code
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN10204 type 2.2
  - Inspection certificate UNI EN10204 type 3.1

Ø mm	LC	Ø mm	LC		
daN	daN	daN	daN		
10	6300	8	4000	1	081900010
13	10000	-	-	1	081900013

\* CAUTION: The product can be used with an 8-mm chain, provided WLL is reduced (LC 4000 daN)

# Robur

## 8190B

lashing chains



EN12195/3

### TECHNICAL DATA

- Safety factor: 2
  - Heat treatment: hardening tempering
  - Chain-sling identification tag
- ### ATTACHED CERTIFICATES
- Manufacturer's Certificate
- ### AVAILABLE CERTIFICATES
- Technical product specifications
  - Test report UNI EN 10204 type 2.2

Ø mm	LC	L	L1		
daN	m	m	m		
8	4000	3,5	3,30	1	081901308
10	6300	3,5	3,28	1	081901310
13	10000	3,5	3,23	1	081901313

## 8185

ring ratchet tie down, LC 1500kg  
high-tenacity polyester (PES) belt



EN 12195-2

L	STF		
m	daN		
5	200	1	081850005
8	200	1	081850008

## 8186

ring ratchet tie down, LC 2000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L	STF		
m	daN		
5	180	1	081860005
8	180	1	081860008

## 8187

ring ratchet tie down, LC 4000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L	STF		
m	daN		
5	350	1	081870005
8	350	1	081870008

## 8188C

ring ratchet tie downs, LC 750 kg,  
high-tenacity polyester (PES) belt



EN 12195-2

L	STF		
m	daN		
1,5	72	3	081880315
2,5	72	3	081880325
5	72	3	081880350



## 8188CG/25

ratchet tie downs with S-hooks and Eyes,  
LC 400 kg  
high-tenacity polyester (PES) strap

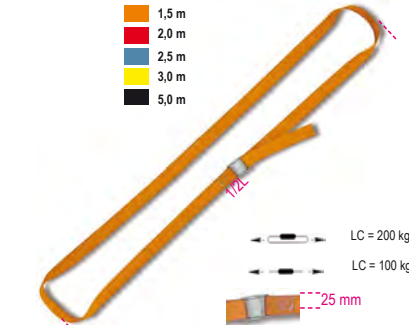


EN 12195-2

L	L1	L2	STF		
m	mm	mm	daN		
3	480	170	120	1	081880430
5	480	170	120	1	081880450

## 8188F

cam buckle straps, LC 200 kg,  
high-grade polypropylene (PP) belt



EN 12195-2

L			
m			
1,5	10	081880215	
2,0	10	081880220	
2,5	10	081880225	
3,0	10	081880230	
5,0	6	081880250	

## 8188F35

cam buckle straps, LC 500 kg,  
high-tenacity polypropylene (PP) belt



EN 12195-2

L		
m		
5	1	081880295

## 8188FG2

cam buckle strap with S-hooks and Eyes,  
LC 250 kg  
high-grade polypropylene (PP) belt



EN 12195-2

L	L1	L2		
m	mm	mm		
3	450	110	1	081881530

## 8188/K8

tie down kit  
with 8 accessories



8188/K8

1 081880801

8488K 0,65m - 7kg

8488K 0,80m - 7kg

8188CL 4m - 500kg

8188FP 2,5m - 250kg

## 8189

polyester belt (PES)  
for ratchet tie downs



H	L	LC		
mm	m	kg		
25	100	750	1	081890902
35	100	1000	1	081890903
50	100	2000	1	081890905

## 8189A

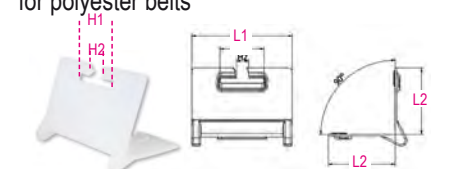
non-slip mat  
for fixing loads



L	H	S	μ		
m	mm	mm			
5	250	8	0,6	1	081890525

## 8189PA

2 angular guards  
for polyester belts



L1xL2	H1	H2		
mm	mm	mm		
135x90	60	18	1	081890090



Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓	✓		✓
8001TZ	✓	✓		✓
8002ZD	✓			
8003ZD	✓			
8004ND	✓			
8005Z	✓			✓
8005TZ	✓			✓
8006Z	✓			✓
8007Z	✓			✓
8008N	✓			✓
8008TZN	✓			✓
8009FD	✓			
8009Z	✓			✓
8009TZ	✓			✓
8010Z	✓			✓
8010TZ	✓			✓
8011Z	✓			✓
8011TZ	✓			✓
8015	✓		✓	✓
8016	✓			✓
8016DA	✓			✓
8016FR	✓			
8016U2	✓		✓	✓
8016UGK	✓		✓	✓
8018E	✓			
8018T	✓			
8020A	✓			
8021A	✓			
8025	✓	✓		✓
8026A	✓	✓		✓
8026R	✓	✓		✓
8028	✓	✓		✓
8029R	✓	✓		✓
8031R	✓	✓		✓
8032	✓	✓		✓
8040EN	✓	✓		✓
8040EZ	✓	✓		✓
8042EN	✓	✓		✓
8042EZ	✓	✓		✓
8041	✓	✓		✓
8043	✓	✓		✓
8044	✓	✓		✓
8048	✓			
8049	✓	✓		✓
8049A	✓	✓		✓
8049V	✓	✓		✓
8051S	✓	✓		✓
8052	✓	✓		✓
8057R	✓	✓		✓
8058R	✓	✓		✓
8060R	✓	✓		✓
8061R	✓	✓		✓
8062	✓	✓		✓
8063	✓	✓		✓
8063SL	✓	✓		✓
8064S	✓	✓		✓
8065SC	✓	✓		✓
8068S	✓	✓		✓
8074	✓			
8074A	✓			
8074G	✓			
8080	✓			
8080FM	✓			
8085R	✓	✓		✓
8086	✓	✓		✓
8090	✓	✓		✓

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8090F	✓	✓		✓
8090R	✓	✓		✓
8091			✓	✓
8091SL			✓	✓
8092			✓	✓
8092SL			✓	✓
8094			✓	✓
8094SL			✓	✓
8096			✓	✓
8096SL			✓	✓
8097			✓	✓
8097SL			✓	✓
8098			✓	✓
8098SL			✓	✓
8100	✓	✓		✓
8105	✓	✓		✓
8109	✓	✓		✓
8110	✓			
8114	✓			
8116	✓			
8120 - 8120D	✓			
8120B	✓			
8121MZC	✓			
8134	✓		✓	✓
8135-H	✓		✓	✓
8143-SL	✓		✓	✓
8146-SL	✓		✓	✓
8146C	✓		✓	✓
8147C-S-P	✓		✓	✓
8148	✓		✓	✓
8149	✓		✓	✓
8150	✓		✓	✓
8153	✓		✓	✓
8156	✓		✓	✓
8157	✓		✓	✓
8158	✓		✓	✓
8159	✓		✓	✓
8160	✓		✓	✓
8161	✓		✓	✓
8166	✓			
8170	✓		✓	✓
8173	✓		✓	✓
8176	✓		✓	✓
8177	✓		✓	✓
8178	✓		✓	✓
8179M-B-A	✓		✓	✓
8180	✓			
8181	✓			
8181S	✓			
8182	✓			
8182A-GD	✓			
8182E	✓			
8182H-H2	✓			
8182M	✓			
8182S	✓			
8182T	✓			
8182T-TS	✓			
8182TS	✓			
8185	✓			
8186	✓			
8187	✓			
8188C	✓			
8188CG/25	✓			
8188CU	✓			
8188F	✓			
8188VF/35	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8188FG2	✓			
8190	✓	✓		
8190B	✓		✓	
8302Z	✓			
8303Z	✓			
8317DZ	✓			
8317SZ	✓			
8381SL	✓			
8381SP	✓			
8383C	✓			
8383P	✓			
8515V	✓			
8515Z	✓			
8531	✓			
8532	✓			
8535	✓			
8201T	✓			
8205	✓			
8206	✓			
8207	✓			
8209	✓			
8210	✓			
8210F	✓			
8210FTP	✓			
8216	✓			✓
8220	✓			
8225	✓			
8227	✓			
8228	✓			
8240	✓			
8240F	✓	✓		✓
8242	✓			
8242F	✓	✓		✓
8248	✓			
8249	✓			
8249G	✓			
8250	✓			
8264	✓			
8267	✓			
8272	✓			
8273	✓			
8274	✓			
8274A	✓			
8274G	✓			
8276	✓			
8276G	✓			
8278	✓			
8280	✓			
8282	✓			
8282S	✓			
8284	✓			
8285	✓			
8286	✓			
8287	✓			
8290	✓			
8293	✓			
8297C	✓			
8297F	✓			
8381SX	✓			
8702...	✓	✓		
8709...	✓	✓		



# BETA COLLECTION



## Beta Collection

A range of exclusive products designed and developed to epitomize Beta's character, it comprises over **200 original**, first-rate items: sports equipment, technical clothing and a variety of tailored objects.

An ideal medium for promotional actions, a must for recreational moments.



### 9501TLD

women's sweatshirt, made of cotton (80%) and polyester (20%), 320 g/m<sup>2</sup>



S	1	095010061
M	1	095010062
L	1	095010063
XL	1	095010064

### 9503TL

t-shirt, 100% jersey cotton, 160 g/m<sup>2</sup>



S	1	095030051
M	1	095030052
L	1	095030053
XL	1	095030054
XXL	1	095030055

### 9504TL

jacket with 100% polyester exterior, waterproof treatment

**SUBJECT TO AVAILABILITY**



S	1	095040051
M	1	095040052
L	1	095040053
XL	1	095040054
XXL	1	095040055

### 9510W

men's stretch shirt, long-sleeved, 120 g/m<sup>2</sup>, 97% cotton, 3% elastane. White, with black logo. Rear yoke with two side pleats, semi-French collar. White buttons, two cuff buttons. Slim fit



XS	1	095100100
S	1	095100101
M	1	095100102
L	1	095100103
XL	1	095100104
XXL	1	095100105

### 9572LB

Beta-March t-shirt, 100% cotton, 200 g/m<sup>2</sup> orange, with black inserts



S	1	095720801
M	1	095720802
L	1	095720803
XL	1	095720804
XXL	1	095720805

### 9579C

work jacket, polyester/cotton



M	1	095791002
L	1	095791003
XL	1	095791004

### 9534B0

two-button polo shirt, made of jersey cotton, 200 g/m<sup>2</sup>, blue with grey inserts



S	1	095340071
M	1	095340072
L	1	095340073
XL	1	095340074
XXL	1	095340075

### 9577R

work overalls, racing style, made from 4 way stretch fabric, 260 g/m<sup>2</sup>, black and orange, with white and reflex inserts

CE



S	48	1	095770151
M	50	1	095770152
L	52	1	095770153
XL	54	1	095770154
XXL	56	1	095770155
XXXL	58	1	095770156

### 9525CM

camouflage racing cap with flat visor, 100% polyester, rear holes, snapback style



9525CM	1	095250098
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### 9525TR

trucker cap with curved visor, 50% cotton, 50% polyester, rear mesh, snapback style, black



9525TR	1	095250011
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### 9534W0

two-button polo shirt, made of jersey cotton, 200 g/m<sup>2</sup>, white with orange inserts



S	1	095340031
M	1	095340032
L	1	095340033
XL	1	095340034
XXL	1	095340035

### 9525WB

baseball cap with curved visor, 100% polyester, holes on crown, with strap adjuster, white



9525WB	1	095251032
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### 9543C

tubular neck scarf, multipurpose, 100% polyester microfibre, seamless



	L cm	H cm		
9543C	25	50	1	095430100

### 9574B

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

**SUBJECT TO AVAILABILITY**

CE



SIZE	TG.		
M	9	1	095740102
L	10	1	095740103
XL	11	1	095740104
XXL	12	1	095740105

### 95740

work gloves, with stretch-elastic cuffs, reinforced thumbs and index fingers, made from touchscreen capable synthetic leather

**SUBJECT TO AVAILABILITY**

CE



SIZE	TG.		
M	9	1	095740202
L	10	1	095740203
XL	11	1	095740204
XXL	12	1	095740205

### 9580S

sunglasses "Summer" style

CE



EN ISO 12312-1:2013+A1:2015  
UV400  
FILTER CAT. III

9580S	1	095800100
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### 9593A

chronograph, steel case, 5 ATM water resistant, silicone strap



9593A	1	095930050
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### 9593M

automatic watch, steel case, 5 ATM water resistant, steel wristband



9593M	1	095930120
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### 9593W

analogue watch, soft touch plastic case with metal ring, 3 ATM water resistant, silicone strap



9593W	1	095930150
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### 9593SB

multifunction smart bracelet, touchscreen, fitness tracker, heart rate monitor, pedometer, sleep monitoring, with silicone strap, black

Compatibility: IOS 8.2 or above/ Android 4.4 or above  
Bluetooth 4.2  
IP67

CE



IP67

9593SB	1	095930205
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### 9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm



	L cm	S cm	H cm		
9541BIKE	24	16	41	1	095410021

### 9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm



	L cm	S cm	H cm		
9541F	33	16	50	1	095410011



### 9541PC

work rucksack, multipocket style, with interior computer pocket, made from 100% polyester

- rucksack with 3 compartments, each with waterproof exterior zip
- first compartment with PC pocket
- padded top handle
- USB port
- side mesh pocket for bottle/umbrella
- insert for glasses on shoulder strap
- adjustable chest strap



	L	S	H		
	cm	cm	cm		
9541PC	34	18	52	1	095410041

### 9541S

Rucksack with casing, made of waterproof 210D polyester, 33x45 cm



	L	H		
	cm	cm		
9541S	33	45	1	095410031

### 9544C

cabin-size trolley with 4 double wheels, TSA lock, USB port + 3.5-mm jack



	L	S	H		
	cm	cm	cm		
9544C	40	20	55	1	095440101

### 9557J 2.0

bag made of coated polyester/Oxford 600D polyester fabric, dimensions 47x28x25 cm



	L	S	H		
	cm	cm	cm		
9557J 2.0	47	25	28	1	095570020

### 9539CB

protective road and mountain bike cycling helmet with detachable chin guard - adjustable sizes



S-M	1	095390010
L-XL	1	095390011

### 9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric

SUBJECT TO AVAILABILITY



S	1	095420042
M	1	095420043
L	1	095420044
XL	1	095420045
XXL	1	095420046
XXXL	1	095420047



### 9542C

Lyca bib shorts, silicone elastic at leg end, antibacterial seat padding

SUBJECT TO AVAILABILITY



S	1	095420061
M	1	095420062
L	1	095420063
XL	1	095420064
XXL	1	095420065
XXXL	1	095420066

### 9542G

winter jersey, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jersey end

SUBJECT TO AVAILABILITY



S	1	095420012
M	1	095420013
L	1	095420014
XL	1	095420015
XXL	1	095420016

## 95426W

winter jacket, made from highly breathable, winder breaker fabric and raised fabric; long zip, silicone-free elastic waistband; close-fitting Lycra cuffs; refractive rear inserts; 3 exterior rear pockets, including 1 with zip

**SUBJECT TO AVAILABILITY**



Size	Quantity	SKU
S	1	095420101
M	1	095420102
L	1	095420103
XL	1	095420104
XXL	1	095420105
XXXL	1	095420106

## 9542M

short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, including one with zip, silicone elastic at jersey end

**SUBJECT TO AVAILABILITY**



Size	Quantity	SKU
S	1	095420051
M	1	095420052
L	1	095420053
XL	1	095420054
XXL	1	095420055
XXXL	1	095420056



## 9542S

winter underpants, raised Lycra, antibacterial, high-breathability seat padding

**SUBJECT TO AVAILABILITY**



Size	Quantity	SKU
S	1	095420022
M	1	095420023
L	1	095420024
XL	1	095420025
XXL	1	095420026
XXXL	1	095420027

## 9597TRIOWAY

TRIOWAY by ATALA® auxiliary thrust system, electric, can be hooked to REHA COMFORT wheelchair (included), lithium battery built into frame, handlebar with direction and speed controls, with built-in wheelchair hook-on system

CE



**NOT AVAILABLE**



**TRIOWAY BY ATALA®**

### FRAME

- Quick hook/release system for lever wheelchair
- Folding dual hinge frame
- Vertically adjustable handlebar
- Disc brake, 180 mm
- Front LED light
- Front wheel with rubber tyre

### PERFORMANCE

- Adjustable speed, up to 15 km/h
- Forward and reverse button
- Range: 20 km
- Lever accelerator on handlebar

### BATTERY

- 7Ah rechargeable lithium battery
- Battery built into frame, removable
- 230V 50Hz charging cable (included)

### ACCESSORIES

- Multifunctional display, with battery residual capacity and charge level indicator
- Bell
- Direction indicators
- Mobile phone holder (included)
- On/Off button
- Preinstalled QUICK HOOK SYSTEM UNDER WHEELCHAIR

### REHA COMFORT WHEELCHAIR (included)

- Folding dual hinge frame
- 24" wheels with solid PU tyres
- Removable armrests
- Adjustable, removable footboards
- Nylon seat with rear pocket

9597TRIOWAY

1 095970200



## 9598W-N

Whistle® mountain bike, aluminium frame, Suntour XCT30 fork, 29" 100 mm, Shimano RD-TX500 derailleur, 7-speed, hydraulic Shimano BR-M200 brakes and 29" aluminium rims, fluorescent orange / matt anthracite grey



9598W M-N	1	095980130
9598W L-N	1	095980132

## 9598WHP-N

Whistle® mountain bike, aluminium frame, Suntour XCM PL fork, 29" 100 mm, with remote lockout, Shimano XT RD-M8100 Shadow Plus derailleur, 12-speed, hydraulic Shimano BL-MT201/BR-MT200 brakes and 29" aluminium rims, white / matt red



9598WHP M-N 1 095980140  
9598WHP L-N 1 095980142

## 9599CB-N2

Atala® city bike, Hi-Ten Tig TKK 700c frame, Shimano® Tourney RD-TZ50 derailleur, 6-speed, V-Brakes®, 28" aluminium rims, with pannier rack, stand and bell, matt black



9599CB-N2 1 095990031

## 9599CB-WN

Atala® city bike, aluminium frame, Shimano® 6-speed gear shifter, V-Brake® brakes, 28" aluminium rims, white

- Aluminium frame
- Hi-Ten Tig TKK 700c fork
- Shimano Tourney RD-TZ50 6-speed gear shifter
- Aluminium V-brake brakes
- 28" aluminium rims
- Colour: white



9599CB-WN 1 095990024

## 9597P

column pump with gauge



9597P 1 095970100

## 9548KB

balance bike, aluminium frame, 12" wheel with inner tube; recommended for children from 3 years; maximum weight: 30 kg



9548KB 1 095480110

## 9548KB 20

Atala® 20" children's mountain bike, Hi-Ten Tig 20" steel frame, 30-mm suspension fork, RD-TY21SS 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, fluorescent yellow / matt blue



9548KB 20 1 095480120

## 9548KB 24

Atala® 24" children's mountain bike, Hi-Ten Tig 24" steel frame, suspension fork, Shimano Tourney RD-TYZ50 6V derailleur, aluminium V-brakes and 36-hole aluminium rims, matt fluorescent orange



9548KB 24 1 095480122



# Beta





### 9547T

"Kinder trolley", tool trolley, for children from 3 years of age, complete with tools

CE



9547T 1 095470100

### 9547WSK

"Kinder Work Station", workbench with tools, for children from 3 years of age

CE



9547WSK H cm 74 1 095473801

### 9548G

"Kinder Garage", 6-storey, with car wash, lift and ramps



9548 G H cm 69 1 095480100

### 9524SC

miniature Beta garage for collectors  
SUBJECT TO AVAILABILITY



1:18 1 095240018

### 9526RMN

set of 2 packs of 55 rummy playing cards by Modiano®



9526RMN 1 095260001

### 9528C

football, PU-coated, size 5

- circumference: 68-70 cm
- panels: 12
- weight: 410-430 g
- recommended pressure: 6-8 lbs/ 0.41-0.55 bar/ 6-8 psi



9528C 1 095280100

### 9520P

umbrella stand, made from painted galvanized metal, with laser-cut logo and drip tray, black



9520P 1 095200100

### 9521

umbrella, made of nylon T210, 3-section aluminium frame, black, automatic open/close mechanism



9521 1 095210000

### 95210B

umbrella made of nylon 210T, diameter 100 cm



95210B ø cm 100 1 095210021

### 9522A

bottle opener with ergonomic handle



9522A 1 095220010



## 9523A

aluminium flask, 500 ml



9523A 500 ml 1 095230005

## 9523T

thermal bottle, made of stainless steel, 500 ml, double-layer technology, no air between walls, leak-proof cap, orange

- keeps cold drinks cold for 24 hours
- keeps hot drinks hot for 12 hours



EC1935/EC2023

9523T 500 ml 255 mm 1 095230050

## 9528B

Polyethylene flask, 500 ml



9528B 500 ml 1 095280005

## 9526F

mini fridge, energy efficiency class F, capacity 63 l, black

CE



9526F 474 mm 450 mm 640 mm 1 095260005

## 9526MC

capsule espresso coffee machine

CE



9526MC 358 mm 128 mm 255 mm 1 095260020

## 9527 6T

set of 6 coffee cups



9527 6T 1 095270001

## 9527T

black ceramic cup with lasered BETA logo



9527T 1 095270030

## 9586K

multipurpose steel knife, 10 functions



9586K 1 095860100



## 9549ABW

wireless BT V5.0 earphones, with built-in microphone, magnetic charging, USB-C charging base, black

CE



9549ABW 61 mm 34,5 mm 41 mm 1 095490091

## 9549BP

portable battery, 10000mAh



9549BP 1 095490052

## 9549BRW

wireless charging base, with quick charger function and charge level indicator

- Supplied with USB-USB Type C cable, for connection to transformer, 1 m long
- Compatible with all devices supporting wireless charging
- Input: DC 5V/2A, 9V/2A, 12V/1.5A
- Output: 5W/ 7.5W/ 10W/ 15W

CE



9549BRW 58 mm 6 mm 1 095490100

## 9549C

USB key, 32 GB



9549C 1 095490062

## 9549CR

4-in-1 multi charging cable, made from braided nylon, quick charge option

- USB type A power supply connector
- Lightning connector to Apple devices
- Micro USB charging connector
- USB-C charging connector
- USB-C charging and data transmission connector



9549CR	L mm 120	1	095490042
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## 9549MPC

multi-port charging base, 6 USB ports, for multiple charging up to a maximum absorbed power of 65 W

- 4 USB ports, 5V 2.4A
  - 1 USB port, Q.C 3.0
  - 1 USB-C port, 20W PD
- with separate ON/OFF switch, LED display for checking total wattage, port number and current intensity

CE



9549MPC	L mm 110	S mm 72	H mm 35	1	095490082
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## 9549SBW

wireless BT speaker, portable, 6 functions

- BT version 5.0  
FUNCTIONS:
- BT play
  - TF card play
  - USB play
  - audio jack 3.5 mm
  - radio FM
  - call function

CE



9549SBW	L mm 73	S mm 73	H mm 124	1	095490072
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## 9547

desk calculator

CE



9547	1	095470000
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## 9592AC

black aluminium pen with touch screen rubber stylus tip  
Supplied in an individual case



9592AC	1	095920010
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## 9592B/C50

set of 50 pens



9592B/C50	1	095920050
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## 9592B/P

customised pens



9592B/P	500	095920051
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## 9592MG/3

case with three black full graphite pencils



9592MG/3	1	095920103
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## 9588M

soft foam tray with 1 pen and 2 notebooks



9588M	1	095880011
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## 9587 9x14

notebook, 9x14 cm



9587 9X14	L cm 9	H cm 14	5	095870009
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## 9587 13x21

notebook, 13x21 cm



9587 13X21	L cm 13	H cm 21	5	095870013
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## 9588/10PI

set of 10 notepads with adhesive sheets



9588S/10PI	7,5x7,5 cm	1	095880055
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### 9588S/10...

set of 10 notepads



9588S/10A	1	095881001
9588S/10B	1	095881002
9588S/10C	1	095881003
9588S/10D	1	095880054

### 9589A/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny



9589A/36	1	095890035
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### 9589B/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, white



9589B/36	1	095890036
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### 9594

clock complete with thermometer and hygrometer, 26 cm in diameter



9594	∅	26	1	095940051
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### 9595C

leather key ring



9595C	1	095950011
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### 9595T

metal chrome-plated key ring, in velvet pouch



9595T	1	095950021
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### 9596

badge holder, polyester, with metal clip and mobile phone string



9596	10	095961001
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### 9569MS

shopper, made of hard-wearing polypropylene, with double handles



9569MS	L	H	5	095690052
	cm	cm		
	60	40		

### 9569MS-2

shopper, made of hard-wearing polypropylene



9569MS-2	L	H	5	095690055
	cm	cm		
	45	40		

### 9569P

shopper, made of polyethylene, folded sides



9569P	L	H	50	095691001
	cm	cm		
	34	44		

### 9569S

TNT shopper with folded sides, 38x42 cm



9569S	L	H	50	095690051
	cm	cm		
	38	42		



## 9563G

office armchairs, for guests



9563G 1 095630050

## 9563U

office armchair, ergonomic



9563U 1 095630020

## 9565K

drum table with two seats



9565K 1 095650500

## 9565S

sheet steel drum with seat made of removable imitation leather



9565S H 60 cm ø 38 mm 1 095650300

## 9565T

sheet steel table drum with varnished multi-ply birch top  
Supplied with a double KIT of spacing tubes (7 cm or 20 cm) for vertical adjustment.



9565T H 95→108 cm ø 70 cm 1 095650200

## 9566K

Furnishing set, table and three stools 9566S/3, vertically adjustable



9566K H 920 ÷ 1120 mm 1 095660500

## 9566S/3

set of 3 vertically adjustable stools



9566S/3 H 620 ÷ 840 mm 1 095660300

## 9562P2

logo mat, 200x80 cm

• particularly suitable for use with workshop equipment item C55 or under motorcycles



9562P2 L 200 cm H 80 cm 1 095620400

## 9562P12

multilogo mat roll, 12 m x 80 cm

Allows mat length to be customized as needed



9562P12 L 12 m H 80 cm 1 095620425

## 9562TB

mat for trying on shoes, with anti-skid, rubber-coated bottom



9562TB L 800 mm H 600 mm 1 095620500

## 9562T1

garage mat, 100X80 cm

particularly suitable for use under motorcycle tyre levers BETA 3071 and 3071B  
• easy to clean, anti-skid rubber coated bottom



9562T1 L 100 cm H 80 cm 1 095620150

## 9562T2

workbench mat, 200x160 cm

- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



	L cm	H cm	
9562T2	200	160	1 095620200

## 9562T3

garage mat, 300x160 cm

- particularly suitable for use under motorcycle jacks
- protects floor from oil and petrol leaks, environmentally friendly
- easy to clean, anti-skid, rubber-coated bottom



	L cm	H cm	
9562T3	300	160	1 095620300

## 9559

one-sided banner, TNT; modules: 3x0.8 m



	L m	H m	
9559	3	0,8	1 095591001

## 9559/30MT

nonwoven fabric roll of 10 Beta logos



	L m	H m	
9559/30MT			1 095591031

## 9559/S

outdoor one-sided banner, module 3 x 0.8 m



	L m	H m	
9559/S	3	0,8	1 095591011

## 9561V

sail flag, 4x0.75 m, with chrome-plated metal pole, grit concrete base, 50 cm



	L mt	H mt	
9561V	0,75	4	1 095610001

## 9561VV

sail flag, 3.50x0.75 m, with pole



	L mt	H mt	
9561VV 4,0	0,75	3,50	1 095610101

## 9561VV 2,5

sail flag, 2x0.50 m, with pole



	L mt	H mt	
9561VV 2,5	0,50	2,5	1 095610201

## 9562

fully closable gazebo, 3 m x 3 m, four mountable walls - 3 with windows and 1 with door



	L cm	H cm	S cm	
9562	300	348	300	1 095620020





# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

42AS 1/4	000420106	42AS 1/4 NEW	000421106
42AS 9/32	000420107	42AS 9/32 NEW	000421107
42AS 5/16	000420108	42AS 5/16 NEW	000421108
42AS 3/8	000420110	42AS 3/8 NEW	000421110
42AS 7/16	000420111	42AS 7/16 NEW	000421111
42AS 1/2	000420113	42AS 1/2 NEW	000421113
42AS 9/16	000420114	42AS 9/16 NEW	000421114
42AS 19/32	000420115	42AS 19/32 NEW	000421115
42AS 5/8	000420116	42AS 5/8 NEW	000421116
42AS 11/16	000420117	42AS 11/16 NEW	000421117
42AS 3/4	000420119	42AS 3/4 NEW	000421119
42AS 13/16	000420121	42AS 13/16 NEW	000421121
42AS 7/8	000420122	42AS 7/8 NEW	000421122
42AS 15/16	000420124	42AS 15/16 NEW	000421124
42AS 1	000420125	42AS 1 NEW	000421125
42AS 1.1/16	000420127	42AS 1.1/16 NEW	000421127
42AS 1.1/8	000420129	42AS 1.1/8 NEW	000421129
42AS 1.1/4	000420132	42AS 1.1/4 NEW	000421132
42AS 1.5/16	000420133	42AS 1.5/16 NEW	000421133
42AS 1.3/8	000420135	42AS 1.3/8 NEW	000421135
42AS 1.7/16	000420136	42AS 1.7/16 NEW	000421136
42AS 1.1/2	000420138	42AS 1.1/2 NEW	000421138
42AS/B9N	000420159	42AS/B9N	000421159
42AS/13	000420163	42AS/13	000421163
42AS/16	000420166	42AS/16	000421166
42AS/17	000420168	42AS/17	000421168
42MP 6	000420606	42MP 6	000421606
42MP 7	000420607	42MP 7	000421607
42MP 8	000420608	42MP 8	000421608
42MP 9	000420609	42MP 9	000421609
42MP 10	000420610	42MP 10	000421610
42MP 11	000420611	42MP 11	000421611
42MP 12	000420612	42MP 12	000421612
42MP 13	000420613	42MP 13	000421613
42MP 14	000420614	42MP 14	000421614
42MP 15	000420615	42MP 15	000421615
42MP 16	000420616	42MP 16	000421616
42MP 17	000420617	42MP 17	000421617
42MP 18	000420618	42MP 18	000421618
42MP 19	000420619	42MP 19	000421619
42MP 20	000420620	42MP 20	000421620
42MP 21	000420621	42MP 21	000421621
42MP 22	000420622	42MP 22	000421622
42MP 24	000420624	42MP 24	000421624
42MP 27	000420627	42MP 27	000421627
42MP 30	000420630	42MP 30	000421630
42MP 32	000420632	42MP 32	000421632
42MP/S17	000420652	42MP/S17	000421652
42MP/S21	000420653	42MP/S21	000421653
42MP/B9N	000420661	42MP/B9N	000421661
42HS/AS 1/4	000424106		
42HS/AS 5/16	000424108		
42HS/AS 3/8	000424110		
42HS/AS 7/16	000424111		
42HS/AS 1/2	000424113		
42HS/AS 9/16	000424114		
42HS/AS 5/8	000424116		
42HS/AS 11/16	000424117		
42HS/AS 3/4	000424119		
42HS/AS 13/16	000424121		
42HS/AS 7/8	000424122		
42HS/AS 15/16	000424124		
42HS/AS 1	000424125		
42HS/AS 1.1/16	000424127		
42HS/AS 1.1/8	000424129		
42HS/AS 1.1/4	000424132		
42HS/AS 1.5/16	000424133		
55MP 6X7	000550603		
55MP 8X9	000550606		
55MP 10X11	000550609		
55MP 12X13	000550612		
55MP 14X15	000550615		
55MP 16X17	000550618		
55MP 18X19	000550621		
55MP 20X22	000550624		
55MP 21X23	000550627		
55MP 24X26	000550630		
55MP 25X28	000550633		
55MP 27X29	000550636		
55MP 30X32	000550639		
55MP/S8	000550650		
55MP/S13	000550651		
55MP/S12	000550653		
96C-AS 1/16	000961702	96AS 1/16	000960702
96C-AS 3/32	000961706	96AS 3/32	000960706
96C-AS 1/8	000961710	96AS 1/8	000960710

96C-AS 5/32	000961714	96AS 5/32	000960714
96C-AS 3/16	000961716	96AS 3/16	000960716
96C-AS 7/32	000961718	96AS 7/32	000960718
96C-AS 1/4	000961720	96AS 1/4	000960720
96C-AS 5/16	000961724	96AS 5/16	000960724
96C-AS 3/8	000961728	96AS 3/8	000960728
97BTX-C 09	000971609	97BTX 09	000970109
97BTX-C 10	000971610	97BTX 10	000970110
97BTX-C 15	000971615	97BTX 15	000970115
97BTX-C 20	000971620	97BTX 20	000970120
97BTX-C 25	000971625	97BTX 25	000970125
97BTX-C 27	000971627	97BTX 27	000970127
97BTX-C 30	000971630	97BTX 30	000970130
97BTX-C 40	000971640	97BTX 40	000970140
188 10	01880010		
188 15	01880015		
339A	003390011		
339A/R	003390061		
366 350	003660035		
388 14	003880014		
388 16	003880016		
410AS 1/16	004100371		
410AS 5/64	004100372		
410AS 3/32	004100373		
410AS 7/64	004100374		
410AS 1/8	004100375		
410AS 9/64	004100376		
410AS 5/32	004100377		
410AS 11/64	004100378		
410AS 3/16	004100379		
410AS 13/64	004100380		
410AS 7/32	004100381		
410AS 15/64	004100382		
410AS 1/4	004100383		
410AS 17/64	004100384		
410AS 9/32	004100385		
410AS 19/64	004100386		
410AS 5/16	004100387		
410AS 21/64	004100388		
410AS 11/32	004100389		
410AS 23/64	004100390		
410AS 3/8	004100391		
410AS/SP21	004100429		
410AS/SPV1	004100430		
410AS/SEL21	004100433		
423 6	004230006	423CO 6	004230106
423 7	004230007	423CO 7	004230107
423 8	004230008	423CO 8	004230108
423 10	004230010	423CO 10	004230110
423A 6,5	004230015	423A-CO 6,5	004230115
423A 8,0	004230020	423A-CO 8	004230120
426/SB6	004260106		
428/C14	004280201	428FP/C7	004280203
428/C14	004280201	428FC/C7	004280204
428/SPV	004280202	428F/SPV	004280205
429/C14	004290201	429FP/C7	004290203
429/C14	004290201	429FC/C7	004290204
437K/16	004370016		
437K/8	004370020		
598/200SL	005980022		
599DGT-AW/10	005990610	599DGT-AW/135	005990713
599DGT-AW/20	005990620	599DGT-AW/340	005990734
665/6	006650006	666/5	006660705
665/10	006650010	666/10	006660710
665/10X	006650011	666/10X	006660711
665/20	006650020	666/20	006660720
665/30	006650030	666/30	006660730
665SW	006650100		
665LB/6	006650106	666-LBF.FT/5	006660765
665LB/10	006650110	666-LBF.FT/10	006660780
665LB/10X	006650111	666-LBF.FT/10X	006660781
665LB/20	006650120	666-LBF.FT/20	006660782
665LB/30	006650130	666-LBF.FT/30	006660783
720FTX 10	007200410		
720TC 90	007200769		
720TC 100	007200770		
720TC 110	007200771		
720TC 120	007200772		
720TC 135	007200773		
852 10	008520010		
860MIX/A10	008600900	861MIX/A10	008610800
860MIX/A31	008600902	861MIX/A31	008610802
860PHZ/A10	008600910	861PHZ/A10	008610810
860PE/A10	008600920	861PE/A10	008610820
860TX/A10	008600970	861TX/A10	008610870
861RIBE 5	008610705		
861RIBE 6	008610706		
861RIBE 7	008610707		
861RIBE 8	008610708		
861RIBE 9	008610709		
861XZN 5	008610725		
861XZN 6	008610726		

861XZN 8	008610728		
866RTX 40	008660520		
866RTX 45	008660525		
866RTX 50	008660530		
866RTX 55	008660535		
866RTX 60	008660540		
866RTX 70	008660545		
900/55	009000870	900/55	009001155
900MC 4	009002040		
900MC 5	009002050		
900MC 6	009002060		
900MC 7	009002070		
900MC 8	009002080		
900MC 9	009002090		
900MC 10	009002100		
900MC 11	009002110		
900MC 12	009002120		
900MC 13	009002130		
900MC 14	009002140		
900E-HS/55	009004880	900HS/55	009004155
900/55K	009009870	900/55	009001155
910/R55Q	009100877		
910/55	009100882	910/55	009101155
910/55Q	009100885		
910A/C16Q	009100932	910A/C16	009100936
910B/C16Q	009100933	910B/C16	009100937
910E-HS/55	009104880	910HS/55	009104155
910/55K	009109882	910/55	009101155
920/50	009200871	920/50	009201150
920/R55Q	009200877	920/RN55Q	009201126
920/55	009200882	920/55	009201155
920/55Q	009200885	920/55Q	009201156
920/50F	009200889	920/50F	009201151
920/55X	009200895	920/55X	009201158
920/55LC	009200896	920/55LC	009201159
920A/C21X	009200938	920A/C21	009200952
920U/C17M	009201797		
920E-HS/55LC	009204860	920HS/55LC	009204159
920/55K	009209882	920/55	009201155
928/R55	009280859	928/RN55	009281115
928/55	009280862	928/55	009281155
955 20,8	009550021		
956L 17,8	009560217		
960 27	009600027		
960T/A	009600032		
960T/B	009600033		
960T/C	009600034		
960T/F	009600037		
960T/G	009600038		
960T/H	009600039		
960/22EP 300	009600052		
960YP 13	009600063		
960YP 14	009600064		
960YP 17	009600067		
960D/13	009600073		
960D/14	009600074		
960D/17	009600077		
960F	009600148		
960G	009600151		
960H/C4	009600152		
960L	009600153		
960M	009600154		
960B/C/5	009600280		
960AD/TP2	009600210	1464CBD	014640300
961P6	009610000	961N	009610030
1047BM 240	010470340	1047 240	010470240
1129BM	011290000		
1129BMK	011290000		
1134 35	011340032		
1134A 45	011340045		
1134RL	011340132		
1344	013440010		
1360G	013600000		
1362B</			



# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

1462AD/BSC	014620435		
1462AD/SMN	014620436		
1463/KIT	014630001		
1464T	014640050		
1464IC	014640350		
1464IC-RK	014640377		
1464AP	014640450	1464APD	014640100
1464AP T12X12	014640453		
1464AP T12X14	014640454		
1464AP T14X12-M1,0	014640455		
1464AP T16X12	014640456		
1464FG	014640470	1464APD	014640100
1464FG/CP4	014640475	1464APD	014640100
1464TDI	014640600	1464BP	014640200
1464ADB	014640620	1464BP	014640200
1464PF	014640650		
1464PB	014640700	1464BP	014640200
1466TLF	014660201		
1466L 11	014660211		
1467/RK2	014670502		
1470PF	014700200		
1471A	014710010		
1471M/W50	014710079		
1471M/P	014710080		
1471PN/B1	014710081		
1471PN/B2	014710082		
1471PN/B3	014710083		
1471PN/B4	014710084		
1471PN/B5	014710085		
1472H	014720000		
1472FCA	014720041		
1472TM	014720200		
1472MT/VW	014720500		
1473T	014730582		
1474/C4	014740100		
1474E/VW	014740120		
1474E/VW2	014740150		
1475U	014750010		
1476T	014760200		
1477K7	014770051		
1477D 13	014770113		
1477D 15	014770115		
1477D 16	014770116		
1477D 17	014770117		
1477D 19	014770119		
1479ML/S3	014790603		
1479ML/B17	014790700		
1482A/1	014820005	1482A/1B	014820004
1482A/5	014820015		
1482D	014820026		
1483K/12	014830012		
1483K/22	014830022		
1484PSA	014840012		
1485BPM	014850002		
1485VAG/12,5	014850062		
1485VAG/21,5	014850071		
1485VAG/K2	014850080		
1485MJ	014850150		
1485PMTJ	014850190		
1485FCA/T	014850210		
1485FCA/TS	014850215		
1485FRD/T	014850310		
1485MRC/T	014850315		
1485VLV/T	014850320		
1487/K2	014870100		
1489/33P	014890015		
1489/31T	014890016		
1489/R	014890020		
1489/E	014890025		
1489/C14	014890100		
1493FT	014930085		
1493VV	014930086		
1493HK	014930087		
1493FF	014930127	1493FF/2	014930128
1493 74-L15	014930210		
1493 90-L15	014930234		
1493 92-L10	014930236		
1493 93-L15	014930238		
1493 96-L18	014930246		
1493AL 79-L15	014930325		
1493AL 87-L16	014930335		
1493AL/CF 36	014930436		
1493B/S5	014930599		
1493C/ADB	014930900		
1493U/ADB	014930910		
1497KB/S3	014970050		

1497/S3	014970400		
1498MN/12-U	014980009		
1498SM-C	014980021		
1498SM-CP	014980022		
1498SM-A	014980023		
1498/4A	014980104	1498H/4A	014980204
1498/8A	014980108	1498H/8A	014980208
1498/25A	014980125	1498H/25A	014980225
1498/16A	014980126	1498H/16A	014980216
1498/40A	014980140		
1498/120A	014980142		
1498TB/12-24	014980401	1498TB/12-24N	014980402
1498ST/TB	014980410		
1498/12	014980480		
1498/24	014980490		
1498B/12-R02	014980502		
1505/C5	015050300		
1529/PG	015290010		
1529/C7	015290100		
1530/C16	015300316		
1533PR/5A	015330016		
1549	015490001		
1555C	015550202		
1557 37	015570137		
1557 46	015570146		
1557 56	015570156		
1557V	015570299		
1563/C4	015630010		
1566N 45X190	015660008		
1566P	015660091		
1650FT/1	016500060		
1650FT/2	016500070		
1717A 200	017170020		
1717B 250	017170125		
1730M 150	017300215		
1730M 200	017300220		
1730M 250	017300225		
1730V 38	017300338		
1741B	017410000	1741	017410003
1741B/C5	017410025	1741/C5	017410035
1741BP	017410350	1741P	017410303
1750CG 400	017500140	1750PF 400	017500141
1750CG 600	017500160	1750PF 550	017500161
1756C	017560502	1756V	017560504
1756C-2OR	017560503	1756V-2OR	017560505
1758A	017580010		
1760/OHM	017600025	1760OHM/2	017600027
1760PT	017600150	1760PT/N	017600155
1765/C24	017650001		
1766L	017660015		
1766LI	017660016		
1770BM	017700050	1770A	017700025
1833 L/USB	018330054	1833 L	018330004
1833RB-L/USB	018330975		
1837F	018370050	1837F/USB	018370060
1837M	018370450		
1837M/RA	018370975		
1838P	018380005	1838PN	018380008
1838COB	018380010	1838COMPACT	018380011
1838UV	018380150		
1860BH/120A	018600121		
1860BH/160A	018600161		
1860BHT/160A	018600179		
1860BH/200A	018600201		
1860SQ	018600210		
1860RG	018600255		
1860EI	018600290		
1860M	018600301		
1860DM 16	018600310		
1860DM 40	018600311		
1860PMIG	018600350		
1860BH R/CM	018600612		
1860BH R/CS	018600613		
1860BHT/T	018600615		
1860BHT R/CM	018600616		
1860BHT R/CS	018600617		
1878 3	018780003		
1884/C12	018840100		
1885/C1	018850110		
1885/C1-R3	018850113		
1885/C1-R4	018850114		
1885/C1-R5	018850115		
1885/C1-R7	018850117		
1885/C2	018850120		
1885/C2-R2	018850122		
1885/C2-R3	018850123		
1885/C2-R4	018850124		
1885/C2-R5	018850125		
1885/C3	018850130		
1885/C3-R1	018850131		
1885/C3-R2	018850132		
1895G	018950800	1895GSI	018950810

1897	018970066		
1897CRB	018970101		
1897MV	018970103		
1897G	018970104		
1915C/L 11X16	019150116		
1916P 6X14	019160256		
1916P 8X17	019160258		
1916P 10X19	019160260		
1916S 6X8	019160306		
1916S 8X10	019160308		
1916S 10X12	019160310		
1917ST 6X8	019170306		
1917ST 8X10	019170308		
1917ST 10X12	019170310		
1918 1/8X6	019180106		
1918 1/8X8	019180108		
1918 1/4X6	019180116		
1918N 3/8X3/8	019180310		
1918N 1/2X1/2	019180320		
1924CD	019240007		
1924B	019240021		
1927CD	019270007	1927C	019270006
1927B	019270022	1927E	019270005
1927CD/K3	019270107		
1927B/K5	019270122		
1928CD	019280007	1928P	019280006
1930CD	019300022	1930PA	019300032
1945C	019450200		
1945C/G 16	019450216		
1945C/G 19	019450219		
1945C/G 22	019450222		
1945C/G 25	019450225		
1945C/G 28	019450228		
1945C/G 32	019450232		
1945C/G 35	019450235		
1945C/G 38	019450238		
1945C/G 40	019450240		
1945C/GP 15	019450255		
1945C/GP 16	019450256		
1945C/GP 20	019450260		
1945C/GP 25	019450265		
1945C/GP 30	019450270		
1945C/GP 32	019450272		
1945C/GP 35	019450275		
1945C/GP 38	019450278		
1945C/GP 40	019450280		
1945C/GP 45	019450285		
1945C/GP 50	019450290		
1949GPN	019490011		
1995MQ/G1	019950010	1997MQ/GM9	019970109
1995MQ/G2	019950013	1997MQ/GM10	019970110
1996MQ/GM 9	019960109	1997MQ/GM9	019970109
1996MQ/GM 10	019960110	1997MQ/GM10	019970110
1996SVG	019960133	1996VPG	019960134
2080/D10	020800070		
C4	021040000		
2104VU/0	021041122		
TV280	024000478	TV271	024000475
T18	024240018	T28	024240028
T19	024240019	T29	024240029
T22	024240022	T24	024240024
T281	024240281	T271	024240271
M31	024500031	M32	024500032
M39	024500039		
M79	024500079		
M219	024500219		
M305	024500305		
M310	024500310		
MB38	024504238		
MB45	024504245		
MB56	024504256		
MV39	024510039		
MV79	024510079		
MV82	024510082	MV84	024510084
MV83	024510083	MV87	024510087
MV90	024510090	MV89	024510089
MV92	024510092	MV93	024510093
MV94	024510094	MV95	024510095
MV96	024510096	MV97	024510097
MV100	024510100	MV104	024510104
MV116	024510116	MV117	024510117
MV120	024510120	MV119	024510119
MV126	024510126	MV139	024510139
MV305	024510305		
MV310	024510310		
MV105	024510871	MV107	024510107
MBV35	024524235		
MBV36	024524236	MBV29	024524229
MBV40	024524240	MBV27	024524227
MBV45	024524245		
MBV47	024524247	MBV70	024524270
MBV56	024524256		





# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	<b>ELIMINATED ITEM</b>
	<b>SUBSTITUTE ITEM</b>
	<b>RECOMMENDED ITEM</b>

MMV100	024590100	MMV104	024590104
MMV105	024590105	MMV107	024590107
MCV20	027510021	MCV24	027510024
3014SAR/2	030140362		
3027/PR	030270400	3027PR/N	030270410
3070BE/S	030700201		
3070BE/F	030700202		
3070BE/B	030700203		
3070BE/K	030700250		
3075A 28	030750028		
3075A 30	030750030		
3079/21	030790021		
3091/10	030910010		
3091/20	030910020		
3092/10	030920010		
3092/20	030920020		
3092/30	030920030		
3092/35	030920035		
3092/40	030920040		
3094PA-O	030940101		
3094PA-G	030940102		
3094PA-R	030940103		
3700-COVER C37	037000930		
C38-O	038000001		
C38-R	038000002		
C38-G	038000003		
C38LA O	038000071		
C38LA R	038000072		
C38LA G	038000073		
C38L-O	038000081		
C38L-R	038000082		
C38L-G	038000083		
C38T-O	038000091		
C38T-R	038000092		
C38T-G	038000093		
C38C-O	038000201		
C38C-R	038000202		
C38C-G	038000203		
MCV21	041510021	MCV17	041510017
C45PRO X	045000001	C45PRO 2.0 X	045002001
C45PRO W	045000002	C45PRO 2.0 W	045002002
C45PRO AX	045000003	C45PRO 2.0 AX	045002003
C45PRO AW	045000004	C45PRO 2.0 AW	045002004
C45PRO BX	045000021	C45PRO 2.0 BX	045002021
C45PRO BW	045000022	C45PRO 2.0 BW	045002022
C45PRO CX	045000023	C45PRO 2.0 CX	045002023
C45PRO CW	045000024	C45PRO 2.0 CW	045002024
C45PRO DX	045000031	C45PRO 2.0 DX	045002031
C45PRO DW	045000032	C45PRO 2.0 DW	045002032
C45PRO EX	045000033	C45PRO 2.0 EX	045002033
C45PRO EW	045000034	C45PRO 2.0 EW	045002034
C45PRO FX	045000035	C45PRO 2.0 FX	045002035
C45PRO GX	045000036	C45PRO 2.0 GX	045002036
C45PRO GW	045000037	C45PRO 2.0 GW	045002037
C45PRO HX	045000038	C45PRO 2.0 HX	045002038
C45PRO HW	045000039	C45PRO 2.0 HW	045002039
C45PRO BPX-1,3	045000041	C45PRO 2.0 BPX-1,3	045002041
C45PRO BPX-2,0	045000042	C45PRO 2.0 BPX-2,0	045002042
C45PRO FW	045000045	C45PRO 2.0 FW	045002045
C45PRO BPW-1,3	045000051	C45PRO 2.0 BPW-1,3	045002051
C45PRO BPW-2,0	045000052	C45PRO 2.0 BPW-2,0	045002052
C45PX/1-0,7MT	045000101	C45PRO 2.0 PXE/1,0,7MT	045002131
C45PX/2-1,3MT	045000103	C45PRO 2.0 PXE/2,1,3MT	045002133
C45PX/3-2,0MT	045000110	C45PRO 2.0 PXE/3,2,0MT	045002140
C45PW/1-0,7MT	045000111	C45PRO 2.0 PWE/1-0,7MT	045002141
C45PW/2-1,3MT	045000113	C45PRO 2.0 PWE/2-1,3MT	045002143
C45PW/3-2,0MT	045000120	C45PRO 2.0 PWE/3-2,0MT	045002150
C45PRO M7A/X	045000161	C45PRO 2.0 M7A/X	045002161
C45PRO M7A/W	045000171	C45PRO 2.0 M7A/W	045002171
C45PRO C5	045000225	C45PRO 2.0 C5	045002226
C45PRO C7	045000227	C45PRO 2.0 C7	045002228
C45PRO ML	045000233	C45PRO 2.0 ML	045002233
C45PRO RD/W	045000240	C45PRO 2.0 RD/W	045002240
C45PRO RD/X	045000241	C45PRO 2.0 RD/X	045002241
C45PRO CORNER/X	045000401	C45PRO 2.0 CORNER/X	045002401
C45PRO CAI/W	045000402	C45PRO 2.0 CAI/W	045002402
C45PRO CORNER/W	045000411	C45PRO 2.0 CORNER/W	045002411
C45PRO CAI/X	045000412	C45PRO 2.0 CAI/X	045002412
RSC50	050001000	RSC50 2.0	050001001
RSC50 A	050001005	RSC50 2.0 A	050001006
RSC50 B	050001010	RSC50 2.0 B	050001011
RSC50 C	050001015	RSC50 2.0 C	050001016
RSC50 D	050001020	RSC50 2.0 D	050001021
RSC50 E	050001025	RSC50 2.0 E	050001026
RSC50 F	050001030	RSC50 2.0 F	050001031
RSC50 G	050001035	RSC50 2.0 G	050001036

RSC50 H	050001040	RSC50 2.0 H	050001041
RSC50 I	050001045	RSC50 2.0 I	050001046
RSC50 L	050001050	RSC50 2.0 L	050001051
RSC50 PG/1-0,7MT	050001107	RSC50 2.0 NPG/1-0,7MT	050001118
RSC50 PA/1-0,7MT	050001108	RSC50 2.0 NPA/1-0,7MT	050001117
RSC50 PG/2-1,5MT	050001114	RSC50 2.0 NPG/2-1,5MT	050001125
RSC50 PA/2-1,5MT	050001115	RSC50 2.0 NPA/2-1,5MT	050001124
RSC50 PG/3-2,2MT	050001122	RSC50 2.0 NPG/3-2,2MT	050001133
RSC50 PA/3-2,2MT	050001123	RSC50 2.0 NPA/3-2,2MT	050001132
RSC50 MA	050001222	RSC50 2.0 MA	050001262
RSC50 M4	050001224	RSC50 2.0 M4	050001264
RSC50 M5	050001225	RSC50 2.0 M5	050001265
RSC50 M7	050001227	RSC50 2.0 M7	050001267
RSC50 M8	050001228	RSC50 2.0 M8	050001268
RSC50 M10	050001230	RSC50 2.0 M10	050001231
RSC50 MS-AVV	050001241	RSC50 2.0 MS-AVV	050001281
RSC50 MS-2AVV	050001242	RSC50 2.0 MS-2AVV	050001282
RSC50 MS-2C	050001243	RSC50 2.0 MS-2C	050001283
RSC50 ML	050001244	RSC50 2.0 ML	050001284
RSC50 CS	050001245	RSC50 2.0 CS	050001285
RSC50 MDO	050001250	RSC50 2.0 MDO	050001290
RSC50 AC-A	050001329	RSC50 2.0 NAC-A	050001339
RSC50 AC-G	050001330	RSC50 2.0 NAC-G	050001340
RSC50 KAI-G	050001335	RSC50 2.0 KNAI-G	050001346
RSC50 KAI-A	050001336	RSC50 2.0 KNAI-A	050001345
5000 RSC50/PLED	050001714	5000 RSC50 2.0/PLEDC	050001712
C55BO/1	055000090		
C55BG/1	055000091		
C55KAS	0550000370		
C55STR-W/9016	0550000907		
C55STR-GO/1035	0550000909		
C56M O	056000050		
C56M G	056000053		
C56M R	056000054		
C56B-O	0560000401	C58BC-W2,1	0580000621
C56B-G	0560000402	C58BC-W2,1	0580000621
C56B-R	0560000403	C58BC-W2,1	0580000621
C58M-O	0580000300		
C58M-G	0580000302		
C58M-R	0580000303		
C58B-O	0580000401	C58BC-W1,6	0580000601
C58B-G	0580000402	C58BC-W1,6	0580000601
C58B-R	0580000403	C58BC-W1,6	0580000601
5938U/2T	059381062		
5990V1	059900001		
5990V3	059900003		
6600 M/62	066000062		
6600 M/175	066000175	6600 M/174	066000174
6600 M/222	066000222		
6600 M/311	066000311		
6600 M/423	066000423		
6600 M/424	066000424		
6600 M/583	066000583		
6600 M/852	066000852		
6600 M/856	066000856		
6600 M/857	066000857		
6600 M/871	066000871		
6600 M/878	066000878		
6600 M/881	066000881		
6888B/14	068880900		
6888B/3/8	068880910		
6888B/1/2	068880920		
7236BK 35	072360335	7243NC 35	072431635
7236BK 36	072360336	7243NC 36	072431636
7236BK 37	072360337	7243NC 37	072431637
7236BK 38	072360338	7243NC 38	072431638
7236BK 39	072360339	7243NC 39	072431639
7236BK 40	072360340	7243NC 40	072431640
7236BK 41	072360341	7243NC 41	072431641
7236BK 42	072360342	7243NC 42	072431642
7236BK 43	072360343	7243NC 43	072431643
7236BK 44	072360344	7243NC 44	072431644
7236BK 45	072360345	7243NC 45	072431645
7236BK 46	072360346	7243NC 46	072431646
7236BK 47	072360347	7243NC 47	072431647
7236BK 48	072360348	7243NC 48	072431648
7238WR 35	072380235		
7238WR 36	072380236		
7238WR 37	072380237		
7238WR 38	072380238		
7238WR 39	072380239		
7238WR 40	072380240		
7238WR 41	072380241		
7238WR 42	072380242		
7238WR 43	072380243		
7238WR 44	072380244		
7238WR 45	072380245		
7238WR 46	072380246		
7238WR 47	072380247		
7238WR 48	072380248		
7241BK 35	072411235	7246NB 35	072461635
7241BK 36	072411236	7246NB 36	072461636

7241BK 37	072411237	7246NB 37	072461637
7241BK 38	072411238	7246NB 38	072461638
7241BK 39	072411239	7246NB 39	072461639
7241BK 40	072411240	7246NB 40	072461640
7241BK 41	072411241	7246NB 41	072461641
7241BK 42	072411242	7246NB 42	072461642
7241BK 43	072411243	7246NB 43	072461643
7241BK 44	072411244	7246NB 44	072461644
7241BK 45	072411245	7246NB 45	072461645
7241BK 46	072411246	7246NB 46	072461646
7241BK 47	072411247	7246NB 47	072461647
7241BK 48	072411248	7246NB 48	072461648
7241CK 35	072411535	7241NC 35	072411635
7241CK 36	072411536	7241NC 36	072411636
7241CK 37	072411537	7241NC 37	072411637
7241CK 38	072411538	7241NC 38	072411638
7241CK 39	072411539	7241NC 39	072411639
7241CK 40	072411540	7241NC 40	072411640
7241CK 41	072411541	7241NC 41	072411641
7241CK 42	072411542	7241NC 42	072411642
7241CK 43	072411543	7241NC 43	072411643
7241CK 44	072411544	7241NC 44	072411644
7241CK 45	072411545	7241NC 45	072411645
7241CK 46	072411546	7241NC 46	072411646
7241CK 47	072411547	7241NC 47	072411647
7241CK 48	072411548	7241NC 48	072411648
7243FT 35	072430635	7243NFT 35	072430535
7243FT 36	072430636	7243NFT 36	072430536
7243FT 37	072430637	7243NFT 37	072430537
7243FT 38	072430638	7243NFT 38	072430538
7243FT 39	072430639	7243NFT 39	072430539
7243FT 40	072430640	7243NFT 40	072430540
7243FT 41	072430641	7243NFT 41	072430541
7243FT 42	072430642	7243NFT 42	072430542
7243FT 43	072430643	7243NFT 43	072430543
7243FT 44	072430644	7243NFT 44	072430544
7243FT 45	072430645	7243NFT 45	072430545
7243FT 46	072430646	7243NFT 46	072430546
7243FT 47	072430647	7243NFT 47	072430547
7243FT 48	072430648	7243NFT 48	072430548
7243CR 35	072430735		
7243CR 36	072430736		
7243CR 37	072430737		
7243CR 38	072430738		
7243CR 39	072430739		
7243CR 40	072430740		
7243CR 41	072430741		
7243CR 42	072430742		
7243CR 43	072430743		
7243CR 44	072430744		
7243CR 45	072430745		
7243CR 46	072430746		
7243CR 47	072430747		
7243CR 48	072430748		
7243BK 35	072431235	7248NB 35	072481635
7243BK 36	072431236	7248NB 36	072481636
7243BK 37	072431237	7248NB 37	072481637
7243BK 38	072431238		



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	<b>ELIMINATED ITEM</b>
	<b>SUBSTITUTE ITEM</b>
	<b>RECOMMENDED ITEM</b>

7245BK 45	072451245	7245NB 45	072451645
7245BK 46	072451246	7245NB 46	072451646
7245BK 47	072451247	7245NB 47	072451647
7245BK 48	072451248	7245NB 48	072451648
7246BK 35	072461235	7246NB 35	072461635
7246BK 36	072461236	7246NB 36	072461636
7246BK 37	072461237	7246NB 37	072461637
7246BK 38	072461238	7246NB 38	072461638
7246BK 39	072461239	7246NB 39	072461639
7246BK 40	072461240	7246NB 40	072461640
7246BK 41	072461241	7246NB 41	072461641
7246BK 42	072461242	7246NB 42	072461642
7246BK 43	072461243	7246NB 43	072461643
7246BK 44	072461244	7246NB 44	072461644
7246BK 45	072461245	7246NB 45	072461645
7246BK 46	072461246	7246NB 46	072461646
7246BK 47	072461247	7246NB 47	072461647
7246BK 48	072461248	7246NB 48	072461648
7247BK 35	072471235	7247NB 35	072470635
7247BK 36	072471236	7247NB 36	072470636
7247BK 37	072471237	7247NB 37	072470637
7247BK 38	072471238	7247NB 38	072470638
7247BK 39	072471239	7247NB 39	072470639
7247BK 40	072471240	7247NB 40	072470640
7247BK 41	072471241	7247NB 41	072470641
7247BK 42	072471242	7247NB 42	072470642
7247BK 43	072471243	7247NB 43	072470643
7247BK 44	072471244	7247NB 44	072470644
7247BK 45	072471245	7247NB 45	072470645
7247BK 46	072471246	7247NB 46	072470646
7247BK 47	072471247	7247NB 47	072470647
7247BK 48	072471248	7247NB 48	072470648
7249GK 35	072490235	7248NB 35	072481635
7249GK 36	072490236	7248NB 36	072481636
7249GK 37	072490237	7248NB 37	072481637
7249GK 38	072490238	7248NB 38	072481638
7249GK 39	072490239	7248NB 39	072481639
7249GK 40	072490240	7248NB 40	072481640
7249GK 41	072490241	7248NB 41	072481641
7249GK 42	072490242	7248NB 42	072481642
7249GK 43	072490243	7248NB 43	072481643
7249GK 44	072490244	7248NB 44	072481644
7249GK 45	072490245	7248NB 45	072481645
7249GK 46	072490246	7248NB 46	072481646
7249GK 47	072490247	7248NB 47	072481647
7249GK 48	072490248	7248NB 48	072481648
7314AF 35	073140235	7316NG 35	073160635
7314AF 36	073140236	7316NG 36	073160636
7314AF 37	073140237	7316NG 37	073160637
7314AF 38	073140238	7316NG 38	073160638
7314AF 39	073140239	7316NG 39	073160639
7314AF 40	073140240	7316NG 40	073160640
7314AF 41	073140241	7316NG 41	073160641
7314AF 42	073140242	7316NG 42	073160642
7314AF 43	073140243	7316NG 43	073160643
7314AF 44	073140244	7316NG 44	073160644
7314AF 45	073140245	7316NG 45	073160645
7314AF 46	073140246	7316NG 46	073160646
7314AF 47	073140247	7316NG 47	073160647
7314AF 48	073140248	7316NG 48	073160648
7315AN 35	073150535	7320NA 35	073200535
7315AN 36	073150536	7320NA 36	073200536
7315AN 37	073150537	7320NA 37	073200537
7315AN 38	073150538	7320NA 38	073200538
7315AN 39	073150539	7320NA 39	073200539
7315AN 40	073150540	7320NA 40	073200540
7315AN 41	073150541	7320NA 41	073200541
7315AN 42	073150542	7320NA 42	073200542
7315AN 43	073150543	7320NA 43	073200543
7315AN 44	073150544	7320NA 44	073200544
7315AN 45	073150545	7320NA 45	073200545
7315AN 46	073150546	7320NA 46	073200546
7315AN 47	073150547	7320NA 47	073200547
7315AN 48	073150548	7320NA 48	073200548
7318AN 35	073180535	7321NA 35	073210535
7318AN 36	073180536	7321NA 36	073210536
7318AN 37	073180537	7321NA 37	073210537
7318AN 38	073180538	7321NA 38	073210538
7318AN 39	073180539	7321NA 39	073210539
7318AN 40	073180540	7321NA 40	073210540
7318AN 41	073180541	7321NA 41	073210541
7318AN 42	073180542	7321NA 42	073210542
7318AN 43	073180543	7321NA 43	073210543
7318AN 44	073180544	7321NA 44	073210544
7318AN 45	073180545	7321NA 45	073210545
7318AN 46	073180546	7321NA 46	073210546

7318AN 47	073180547	7321NA 47	073210547
7318AN 48	073180548	7321NA 48	073210548
7320NA 35	073200435	7320NA 35	073200535
7320NA 36	073200436	7320NA 36	073200536
7320NA 37	073200437	7320NA 37	073200537
7320NA 38	073200438	7320NA 38	073200538
7320NA 39	073200439	7320NA 39	073200539
7320NA 40	073200440	7320NA 40	073200540
7320NA 41	073200441	7320NA 41	073200541
7320NA 42	073200442	7320NA 42	073200542
7320NA 43	073200443	7320NA 43	073200543
7320NA 44	073200444	7320NA 44	073200544
7320NA 45	073200445	7320NA 45	073200545
7320NA 46	073200446	7320NA 46	073200546
7320NA 47	073200447	7320NA 47	073200547
7320NA 48	073200448	7320NA 48	073200548
7321NA 35	073210435	7321NA 35	073210535
7321NA 36	073210436	7321NA 36	073210536
7321NA 37	073210437	7321NA 37	073210537
7321NA 38	073210438	7321NA 38	073210538
7321NA 39	073210439	7321NA 39	073210539
7321NA 40	073210440	7321NA 40	073210540
7321NA 41	073210441	7321NA 41	073210541
7321NA 42	073210442	7321NA 42	073210542
7321NA 43	073210443	7321NA 43	073210543
7321NA 44	073210444	7321NA 44	073210544
7321NA 45	073210445	7321NA 45	073210545
7321NA 46	073210446	7321NA 46	073210546
7321NA 47	073210447	7321NA 47	073210547
7321NA 48	073210448	7321NA 48	073210548
7352A 38	073520038	7352B 38	073520138
7352A 39	073520039	7352B 39	073520139
7352A 40	073520040	7352B 40	073520140
7352A 41	073520041	7352B 41	073520141
7352A 42	073520042	7352B 42	073520142
7352A 43	073520043	7352B 43	073520143
7352A 44	073520044	7352B 44	073520144
7352A 45	073520045	7352B 45	073520145
7352A 46	073520046	7352B 46	073520146
7352A 47	073520047	7352B 47	073520147
7352A 48	073520048	7352B 48	073520148
7353Y 38	073530038	7353Z 38	073530138
7353Y 39	073530039	7353Z 39	073530139
7353Y 40	073530040	7353Z 40	073530140
7353Y 41	073530041	7353Z 41	073530141
7353Y 42	073530042	7353Z 42	073530142
7353Y 43	073530043	7353Z 43	073530143
7353Y 44	073530044	7353Z 44	073530144
7353Y 45	073530045	7353Z 45	073530145
7353Y 46	073530046	7353Z 46	073530146
7353Y 47	073530047	7353Z 47	073530147
7353Y 48	073530048	7353Z 48	073530148
7355V 38	073550038	7357V 38	073570138
7355V 39	073550039	7357V 39	073570139
7355V 40	073550040	7357V 40	073570140
7355V 41	073550041	7357V 41	073570141
7355V 42	073550042	7357V 42	073570142
7355V 43	073550043	7357V 43	073570143
7355V 44	073550044	7357V 44	073570144
7355V 45	073550045	7357V 45	073570145
7355V 46	073550046	7357V 46	073570146
7355V 47	073550047	7357V 47	073570147
7355V 48	073550048	7357V 48	073570148
7376A 38	073760038		
7398T 35	073981335		
7398T 36	073981336		
7398T 37	073981337		
7398T 38	073981338		
7398T 39	073981339		
7398T 40	073981340		
7398T 41	073981341		
7398T 42	073981342		
7398T 43	073981343		
7398T 44	073981344		
7398T 45	073981345		
7398T 46	073981346		
7398T 47	073981347		
7398T 48	073981348		
7547BL XS	075470200	7552BL XS	075520300
7547BL S	075470201	7552BL S	075520301
7547BL M	075470202	7552BL M	075520302
7547BL L	075470203	7552BL L	075520303
7547BL XL	075470204	7552BL XL	075520304
7547BL XXL	075470205	7552BL XXL	075520305
7547BL XXXL	075470206	7552BL XXXL	075520306
7547G XS	075470300	7552G XS	075520400
7547G S	075470301	7552G S	075520401
7547G M	075470302	7552G M	075520402
7547G L	075470303	7552G L	075520403
7547G XL	075470304	7552G XL	075520404
7547G XXL	075470305	7552G XXL	075520405
7547G XXXL	075470306	7552G XXXL	075520406

7547N XS	075470400	7552N XS	075520500
7547N S	075470401	7552N S	075520501
7547N M	075470402	7552N M	075520502
7547N L	075470403	7552N L	075520503
7547N XL	075470404	7552N XL	075520504
7547N XXL	075470405	7552N XXL	075520505
7547N XXXL	075470406	7552N XXXL	075520506
7547AZ XS	075470500		
7547AZ S	075470501		
7547AZ M	075470502		
7547AZ L	075470503		
7547AZ XL	075470504		
7547AZ XXL	075470505		
7547AZ XXXL	075470506		
7547R XS	075470600		
7547R S	075470601		
7547R M	075470602		
7547R L	075470603		
7547R XL	075470604		
7547R XXL	075470605		
7547R XXXL	075470606		
7549BL XS	075490200	7553BL XS	075530300
7549BL S	075490201	7553BL S	075530301
7549BL M	075490202	7553BL M	075530302
7549BL L	075490203	7553BL L	075530303
7549BL XL	075490204	7553BL XL	075530304
7549BL XXL	075490205	7553BL XXL	075530305
7549BL XXXL	075490206	7553BL XXXL	075530306
7549G XS	075490300	7553G XS	075530400
7549G S	075490301	7553G S	075530401
7549G M	075490302	7553G M	075530402
7549G L	075490303	7553G L	075530403
7549G XL	075490304	7553G XL	075530404
7549G XXL	075490305	7553G XXL	075530405
7549G XXXL	075490306	7553G XXXL	075530406
7549N XS	075490400	7553N XS	075530500
7549N S	075490401	7553N S	075530501
7549N M	075490402	7553N M	075530502
7549N L			



# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	<b>ELIMINATED ITEM</b>
	<b>SUBSTITUTE ITEM</b>
	<b>RECOMMENDED ITEM</b>

7673NG L	076730003	7647GG L	076470013
7673NG XL	076730004	7647GG XL	076470014
7673NG XXL	076730005	7647GG XXL	076470015
7673NG XXXL	076730006	7647GG XXXL	076470016
7674NG S	076740001	7679GG S	076790011
7674NG M	076740002	7679GG M	076790012
7674NG L	076740003	7679GG L	076790013
7674NG XL	076740004	7679GG XL	076790014
7674NG XXL	076740005	7679GG XXL	076790015
7674NG XXXL	076740006	7679GG XXXL	076790016
7830ST XS	078300000	7820SG XS	078200100
7830ST S	078300001	7820SG S	078200101
7830ST M	078300002	7820SG M	078200102
7830ST L	078300003	7820SG L	078200103
7830ST XL	078300004	7820SG XL	078200104
7830ST XXL	078300005	7820SG XXL	078200105
7830ST XXXL	078300006	7820SG XXXL	078200106
7831ST XS	078310000	7821SG XS	078210100
7831ST S	078310001	7821SG S	078210101
7831ST M	078310002	7821SG M	078210102
7831ST L	078310003	7821SG L	078210103
7831ST XL	078310004	7821SG XL	078210104
7831ST XXL	078310005	7821SG XXL	078210105
7831ST XXXL	078310006	7821SG XXXL	078210106
7880SC XS	078800000		
7880SC S	078800001		
7880SC M	078800002		
7880SC L	078800003		
7880SC XL	078800004		
7880SC XXL	078800005		
7880SC XXXL	078800006		
7900V XS	079000500	7900G XS	079000800
7900V S	079000501	7900G S	079000801
7900V M	079000502	7900G M	079000802
7900V L	079000503	7900G L	079000803
7900V XL	079000504	7900G XL	079000804
7900V XXL	079000505	7900G XXL	079000805
7900V XXXL	079000506	7900G XXXL	079000806
7900V XXXXL	079000507	7900G XXXXL	079000807
7900P XS	079000600	7900G XS	079000800
7900P S	079000601	7900G S	079000801
7900P M	079000602	7900G M	079000802
7900P L	079000603	7900G L	079000803
7900P XL	079000604	7900G XL	079000804
7900P XXL	079000605	7900G XXL	079000805
7900P XXXL	079000606	7900G XXXL	079000806
7900P XXXXL	079000607	7900G XXXXL	079000807
7900B XS	079000700	7900G XS	079000800
7900B S	079000701	7900G S	079000801
7900B M	079000702	7900G M	079000802
7900B L	079000703	7900G L	079000803
7900B XL	079000704	7900G XL	079000804
7900B XXL	079000705	7900G XXL	079000805
7900B XXXL	079000706	7900G XXXL	079000806
7900B XXXXL	079000707	7900G XXXXL	079000807
7901G XS	079010800	7861G XS	078610800
7901G S	079010801	7861G S	078610801
7901G M	079010802	7861G M	078610802
7901G L	079010803	7861G L	078610803
7901G XL	079010804	7861G XL	078610804
7901G XXL	079010805	7861G XXL	078610805
7901G XXXL	079010806	7861G XXXL	078610806
7901G XXXXL	079010807	7861G XXXXL	078610807
7903P XS	079030600	7903G XS	079030800
7903P S	079030601	7903G S	079030801
7903P M	079030602	7903G M	079030802
7903P L	079030603	7903G L	079030803
7903P XL	079030604	7903G XL	079030804
7903P XXL	079030605	7903G XXL	079030805
7903P XXXL	079030606	7903G XXXL	079030806
7903P XXXXL	079030607	7903G XXXXL	079030807
7909V XS	079090500	7909G XS	079090800
7909V S	079090501	7909G S	079090801
7909V M	079090502	7909G M	079090802
7909V L	079090503	7909G L	079090803
7909V XL	079090504	7909G XL	079090804
7909V XXL	079090505	7909G XXL	079090805
7909V XXXL	079090506	7909G XXXL	079090806
7909V XXXXL	079090507	7909G XXXXL	079090807
7909P XS	079090600	7909G XS	079090800
7909P S	079090601	7909G S	079090801
7909P M	079090602	7909G M	079090802
7909P L	079090603	7909G L	079090803
7909P XL	079090604	7909G XL	079090804
7909P XXL	079090605	7909G XXL	079090805
7909P XXXL	079090606	7909G XXXL	079090806

7909P XXXXL	079090607	7909G XXXXL	079090807
7909B XS	079090700	7909G XS	079090800
7909B S	079090701	7909G S	079090801
7909B M	079090702	7909G M	079090802
7909B L	079090703	7909G L	079090803
7909B XL	079090704	7909G XL	079090804
7909B XXL	079090705	7909G XXL	079090805
7909B XXXL	079090706	7909G XXXL	079090806
7909B XXXXL	079090707	7909G XXXXL	079090807
7940 XXXL	079400006		
7940 XXXXL	079400007		
7970 XS	079700000	7971B XS	079710200
7970 S	079700001	7971B S	079710201
7970 M	079700002	7971B M	079710202
7970 L	079700003	7971B L	079710203
7970 XL	079700004	7971B XL	079710204
7970 XXL	079700005	7971B XXL	079710205
7970 XXXL	079700006	7971B XXXL	079710206
7971L XS	079710100	7971B XS	079710200
7971L S	079710101	7971B S	079710201
7971L M	079710102	7971B M	079710202
7971L L	079710103	7971B L	079710203
7971L XL	079710104	7971B XL	079710204
7971L XXL	079710105	7971B XXL	079710205
7971L XXXL	079710106	7971B XXXL	079710206
7978L XS	079780100	7978B XS	079780200
7978L S	079780101	7978B S	079780201
7978L M	079780102	7978B M	079780202
7978L L	079780103	7978B L	079780203
7978L XL	079780104	7978B XL	079780204
7978L XXL	079780105	7978B XXL	079780205
7978L XXXL	079780106	7978B XXXL	079780206
7979 S	079790001	7978B S	079780201
7979 M	079790002	7978B M	079780202
7979 L	079790003	7978B L	079780203
7979 XL	079790004	7978B XL	079780204
7979 XXL	079790005	7978B XXL	079780205
7979 XXXL	079790006	7978B XXXL	079780206
7984EG	079840520	7984G	079840525
8080FM 4	080800204		
8080FM 5	080800205	8581 5	085810005
8080FM 6	080800206	8581 6	085810006
8080FM 7	080800207		
8080FM 8	080800208		
8082 4	080820004		
8082 5	080820005		
8082 6	080820006		
8082 7	080820007		
8082 8	080820008		
8083 3	080830003	8583GS 3	085830003
8083 4	080830004	8583GS 4	085830004
8083 5	080830005	8583GS 5	085830005
8083 6	080830006	8583GS 6	085830006
8083 8	080830008	8583GS 8	085830008
8114 8	081140008	8514M 8	085140008
8114 10	081140010	8514M 10	085140010
8114 12	081140012	8514M 12	085140012
8114 14	081140014	8514M 14	085140014
8114 16	081140016	8514M 16	085140016
8114 18	081140018	8514M 18	085140018
8114 20	081140020	8514M 20	085140020
8114 22	081140022	8514M 22	085140022
8116 6	081160006	8514S 6	085140106
8116 8	081160008	8514S 8	085140108
8116 10	081160010	8514S 10	085140110
8116 12	081160012	8514S 12	085140112
8116 14	081160014	8514S 14	085140114
8116 16	081160016	8514S 16	085140116
8116 18	081160018	8514S 18	085140118
8116 20	081160020	8514S 20	085140120
8116 22	081160022	8514S 22	085140122
8181 6/S4	081810906	8181 6/B4	081810916
8182 8,5/S2	081821985	8182 8,5/B2	081821885
VP-LD	088880358		
8889PD/7	088890427		
8889CD/7	088890437		
9500TL S	095000051		
9500TL M	095000052		
9500TL L	095000053		
9500TL XL	095000054		
9500TL XXL	095000055		
9501TL S	095010051		
9501TL M	095010052		
9501TL L	095010053		
9501TL XL	095010054		
9501TL XXL	095010055		
9502TL S	095020051		
9502TL M	095020052		
9502TL L	095020053		
9502TL XL	095020054		
9502TL XXL	095020055		
9505TL S	095050051		

9505TL M	095050052		
9505TL L	095050053		
9505TL XL	095050054		
9505TL XXL	095050055		
9526P	095260010	9526MC	095260020
9537TL S	095370051		
9537TL M	095370052		
9537TL L	095370053		
9537TL XL	095370054		
9537TL XXL	095370055		
9542G XXXL	095420017		
9542AT S	095420072		
9542AT M	095420073		
9542AT L	095420074		
9542AT XL	095420075		
9542AT XXL	095420076		
9542AT XXXL	095420077		
9561V 2,5	095610200		
9590B	095900000		
9592MB	095920060		
9592M/50	095920100		
9593 S	095930200		
9741 (3)	097412040		
9743 (1)	097430050		
9743 (2)	097431050		
9743 (3)	097432050		
9745 (3)	097452040		
9746 (3)	097462040		
9749 (2)	097491040		
9749 (3)	097492040		
9755 (3)	097552040		
9765 (3)	097652040		
9775 (2)	097751040		
9775 (3)	097752040		
9841R P200 (3)	098412020		
9841N P200 (3)	098412100		
9851 T5 (3)	098512500		
9899 920C17	098990137	9899 920C17	098990147
C99V1	099000250		
C99PC	099000491		
C99C-V3	099000496		
C99P12-V0	099000499		
11001H 230X3,2	110010733	11001 230X3,2	110010233
11003 115X2,5	110030117	11001 115X3,2	110010118
11003 125X2,5	110030127	11001 125X3,2	110010128
11003 180X2,5	110030182		
11003 230X2,5	110030232	11001 230X3,2	110010233
11011 180X6,5	110110180		
11011H 115X6,5	110110615	11011 115X6,5	110110115
11011H 125X6,5	110110625	11011 125X6,5	110110125
11011H 180X6,5	110110680		
11011H 230X6,5	110110730	11011 230X6,5	110110230
11018 300X2,5	110180030		
11018 350X3,0	110180035		
11018 400X3,2	110180040		
11019 300X3,8	110190030		
11019 350X4,2	110190035		
11019 400X4,5	110190040		
11021 180X3,2	110210183		
11024 230X2,0	110240230	11038 2,0-22,23	110380022
11031 1,0-6	110310006		
11031 1,0-10	110310010		
11031 1,6-10	110310020		

# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	<b>ELIMINATED ITEM</b>
	<b>SUBSTITUTE ITEM</b>
	<b>RECOMMENDED ITEM</b>

11101 30X10	111010034	11101 30X30	111010035
11101 32X20	111010037		
11101 40X25	111010043	11101 40X20	111010042
11101 50X15	111010051	11101 50X25	111010052
11102 8X20	111020008		
11102 10X15	111020010	11101 10X15	111010011
11102 10X30	111020020	11101 10X32	111010014
11102 12X15	111020022		
11102 15X15	111020035	11101 15X15	111010019
11102 15X30	111020040	11101 16X32	111010022
11102 20X30	111020060	11101 20X30	111010027
11105 20X65	111050020		
11106 6X10	111060006		
11110 10X15	111100010		
11115 10X20	111150010		
11116 22X70	111160022	11116 20X50	111160020
11120 6X13	111200006		
11121 6X25	111210007		
11121 12X20	111210012		
11121 20X25	111210020		
11121 25X25	111210025		
11121 30X30	111210030		
11125 6X20	111250006		
11125 25X25	111250025		
11125 30X50	111250030		
11125 40X40	111250040		
11130 6X6	111300006		
11130 8X8	111300008		
11130 10X10	111300010		
11132 10X10	111320010		
11132 15X15	111320015		
11132 20X20	111320020		
11135 30X6	111350030		
11135 40X10	111350040		
11140 20X30	111400020		
11140 25X25	111400025		
11140 30X30	111400030		
11140 50X10	111400050		
11141 20X40	111410020		
11141 30X40	111410030		
11141 40X40	111410040		
11145 20X30	111450020		
11145 25X50	111450025		
11200A 40	112000004	11202A 40	112020004
11200A 60	112000006	11202A 60	112020006
11200A 80	112000008	11202A 80	112020008
11200A 120	112000012	11202A 120	112020012
11200B 40	112000104	11202B 40	112020104
11200B 60	112000106	11202B 60	112020106
11200B 80	112000108	11202B 80	112020108
11202C 40	112020204		
11202C 60	112020206		
11208A 40	112080004	11204A 40	112040004
11208A 60	112080006	11204A 60	112040006
11208B 40	112080104	11204B 40	112040104
11208B 60	112080106	11204B 60	112040106
11212A 40	112120004	11214A 40	112140004
11212A 60	112120006	11214A 60	112140006
11212A 80	112120008	11214A 80	112140008
11212A 120	112120012	11214A 120	112140012
11212B 40	112120104		
11212B 60	112120106		
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42INOX-AS/S9	293	426MD/S	43	446ASF/C29	50	583	60	5980ET/B	524
42K	596	426MD/SP10	43	446ASG/C23	50	583/C31	60	5980ID/1	527
42LMP	13	426MD/T	43	447/C37	51	590 - 592	60	5980MQ	524
42LMP/S	13	426MD/TA	43	447/C53	51	594	60	5980U/BIKE	517
42MP	13	426MD-3	42	447/C70	51	596	60	5980U/BIKE-M	518
42MP/B	13	426SB	42	450	51	599DGT	61	5988 VHB-MQ	525
42MP/S	13	426SB/SP	42	450/C13	52	599DGT-AW	61	5988H/7M	519
42SLIM	13	426T	42	450/C15	52	5000 RSC50 2.0/ASL	488	5988L/4M	520
42SLIM/B8NI-E	13	427	43	450/C21	52	5000 RSC50 2.0/CAL	463	5988U/7M	510
42SLIM/S11	13	427/SP	42	450/C9	52	5000 RSC50 2.0/CLL	463	5988U6/M	521
45	13	428FC	44	450AD	51	5000 RSC50 2.0/CTR	489	5989 VEM	528
410	36	428FC/C7	44	450AL	51	5000 RSC50 2.0/KFC	463	<b>6</b>	
410/SEL	37	428FP	43	450PA/1	52	5000 RSC50 2.0/MP	463		600
410/SP	36	428FP/C7	44	450PA/2	52	5000 RSC50 2.0/MPA140	463	601C	61
410A	37	429FC	44	450PR	52	5000 RSC50 2.0/PLEDC	488	601CA	61
410K	598	429FC/C7	44	451	52	5000 RSC50 2.0/PLED-ST	488	603	62
410MIX/SEL19	37	429FP	44	451/C	53	5700LAMP	396	604B	62
412	37	429FP/C7	44	451GA	53	5902MT	529	605BC/15	62
412/C150	37	429FP/C7	44						
412/SP	37								



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605DGT/2	62	6600 M/253	619	6800RP/100	616	727/C16	75	7109D	667
605E	62	6600 M/27	616	6800RS	669	727/ES16	74	7212B	634
606MQ/50	280	6600 M/29	616	6888	616	727/ES16TX	74	7212G	635
610/5	62	6600 M/315	619	6888GS	669	727/ES16XZN	74	7213G	635
610L/5	62	6600 M/320	619	6888GW	669	727/ES22	75	7214FN	635
610L/5L	62	6600 M/326	619	<b>7</b>		727/ES22TX	75	7214G	636
611	62	6600 M/327	619			727/ES32	75	7215FN	636
612 ÷ 614	63	6600 M/33	616	73	15	727PI/16	74	7218FN	636
614/50	63	6600 M/330	619	73/B13N	15	727PI/16 1/2	74	7218G	636
615	63	6600 M/371	619	73/S	15	727PI/22	75	7220PEK	633
616 - 617 - 619	63	6600 M/380	619	78	15	727PI/32	75	7221PEK	633
621	63	6600 M/40	617	78AS	15	728	75	7222PEK	633
622	63	6600 M/406	619	78BA	298	728/15	76	7223PEK	634
641	63	6600 M/40K	622	78BA-AS	299	728/16	76	7241EN	629
642	63	6600 M/417	619	710	70	728/21	76	7241NC	630
643	64	6600 M/42	617	710/16	70	728/22	76	7241NFT	630
644	64	6600 M/427	619	710/20	70	728/22L	76	7243EN	629
650A	64	6600 M/430	620	710/21	70	728/25	77	7243NC	630
650H	64	6600 M/44	617	710/22	70	728/C10	75	7243NFT	631
652	64	6600 M/440	620	710/25	70	728/OR - 728/SP	77	7245NB	631
653	64	6600 M/456	620	710/C10	70	728AS	76	7246E	629
654	65	6600 M/465	620	710/OR... - 710/SP...	70	728B	75	7246NB	631
659/15	65	6600 M/47	617	720	70	728B/C10	75	7247NB	631
659/16	65	6600 M/480	620	720/15	74	728FTX	76	7248NB	632
666	66	6600 M/485	620	720/16	74	728L	76	7270Y	643
666 LBF.FT	66	6600 M/51	617	720/20	74	728L/S	76	7271V	643
666HS-ZR	287	6600 M/510	620	720/21	74	728LQ	76	7272V	644
667	66	6600 M/52	617	720/22	74	728LS	76	7273G	644
668N	66	6600 M/532	620	720/25	74	728ME	76	7274G	644
668RG	67	6600 M/534	620	720/C12	70	728ME/C6	76	7275N	644
668RGC	67	6600 M/542	620	720/C24	71	729	77	7276N	645
669N	67	6600 M/548	620	720/C6	70	729/15	77	7293HM	647
671B/C10	67	6600 M/555	620	720/OR... - 720/SP...	74	729/16	77	7294HM	647
671B/C5	67	6600 M/561	621	720/SN	73	729/21	77	7294HMC	647
671N/C10	67	6600 M/565	621	720AS	71	729/21L	77	7316NB	637
671N/C20	68	6600 M/566	621	720B	71	729/22	77	7316NG	637
671N/C30	68	6600 M/567	621	720B/C12	71	729/25	77	7317NA	637
674/C	68	6600 M/58	617	720FRD	72	729/OR... - 729/SP...	77	7320NA	638
677	68	6600 M/589	621	720FTX	73	729L	77	7321NA	638
677/C	68	6600 M/59	617	720FTX/SB	73	729LS	77	7322SA	638
677/CP2000	68	6600 M/592	621	720IC	72	729T	77	7323SA	638
677/CV - 678/CV	69	6600 M/61	617	720L	71	730	78	7328A	632
678/C	69	6600 M/63	617	720L/S3	71	730/15	78	7328N	632
680	69	6600 M/643	621	720LC	72	730/21	78	7340G	645
682	69	6600 M/650	621	720LC/C3	72	730/25	78	7340VA	645
6200AP/S10	669	6600 M/657	621	720LC/PM5	72	730L	78	7341V	646
6600 M/112	617	6600 M/658	621	720LC/S3K	598	733/15	78	7341Y	646
6600 M/116	618	6600 M/716	621	720LC/S5	72	7041LCD/4S	246	7342N	646
6600 M/120	618	6600 M/73	617	720LCL	72	7041LCD/4S-VE	246	7343N	646
6600 M/125	618	6600 M/811	622	720LCL/C3	72	7041LCD/4S-VI	246	7352B	639
6600 M/126	618	6600 M/812	622	720LS	72	7042LCD	246	7352G	639
6600 M/131	618	6600 M/813	622	720MC	71	7042LCD/RV	246	7352LG	639
6600 M/14	616	6600 M/842	622	720MC/C13	71	7042LCD/RV-INT	246	7354N	640
6600 M/14K	622	6800 CB/100	616	720ME	73	7043	246	7356G	640
6600 M/174	618	6800 FB/100	616	720ME/C8	73	7061TC	668	7356LN	640
6600 M/217	618	6800 GR/37	616	720MRC	72	7076BC	668	7356V	640
6600 M/217K	622	6800 VE	616	720RNG	72	7076BD	668	7357G	641
6600 M/218	618	6800AD/P	616	720S	71	7076BP	668	7357V	641
6600 M/22	616	6800AE	616	720S/SB6	71	7076BU	668	7362B	641
6600 M/223	618	6800AI	616	720TC/S5	73	7093BC	668	7363N	641
6600 M/230	618	6800BA	669	720TX	73	7093BD	668	7371V	642
6600 M/236	618	6800FO/100	616	720TX/C6	73	7104 90	667	7372B	642
6600 M/241	618	6800PL	616	720XZN	73	7105 6	667	7376A	642
6600 M/242	619	6800PM	616	720XZN/C6	73	7109A	667	7381N	642



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7382N	643	7669N	662	850MQ	280	867XZN/L	84	8031R	680
7397H	648	7670G	662	851	78	882	85	8031R-K	680
7397M	648	7679GG	662	851SR	78	882AN	85	8032	680
7397S	648	7750N	662	852	79	882M	85	8032-K	680
7398 0/G	648	7780QN	662	855P	79	882M1	85	8040EN	683
7398EF	649	7800G	667	860/55	79	882MSR	85	8040EN-K	683
7398ESD	648	7815CM	657	860/58	79	882P	85	8040EZ	683
7398GEL	648	7818BL	654	860/58K	598	892	85	8040EZ-K	683
7398U	648	7818CM	654	860/C27	79	895	85	8041	682
7398UP	648	7818G	654	860/C38P	80	897	85	8041-K	682
7399 A/N...	649	7818LN	654	860LP	79	897L	85	8042EN	684
7421	649	7819G	654	860PE	79	8001TZ	674	8042EN-K	684
7422P	649	7820SG	655	860PH	79	8001TZ-K	674	8042EZ	684
7425	649	7821SG	657	860PZ	79	8001Z	674	8042EZ-K	684
7426P	649	7830SN	655	860RTX	79	8001Z-K	674	8043	683
7427	649	7831SN	657	860TX	79	8002ZD	675	8043-K	683
7430T	649	7840BL	655	861/C61P	82	8003ZD	675	8044	684
7431P	649	7849BL	659	861LP	80	8004ND	675	8048	676
7527	652	7850G	655	861MIX/A10	81	8005TZ	672	8049	681
7528	652	7860B	655	861MIX/A31	81	8005TZ-K	672	8049A	682
7529	656	7860G	655	861PE	80	8005WZ	672	8049V	682
7530	652	7861B	658	861PE/A10	81	8005Z	672	8050 D1÷D45	696
7545F	664	7861G	657	861PH	80	8005Z-K	672	8050 D46÷D48	696
7548C	664	7863G	658	861PH/C	80	8006Z	672	8050 D49÷D53	696
7548M	664	7865B	658	861PHZ/A10	81	8006Z-K	672	8051S	691
7550G	664	7865G	659	861PZ	80	8007Z	673	8051S-K	691
7550N	664	7867B	660	861PZ/C	80	8007Z-K	673	8052 - 8055S	690
7552BL	665	7867G	661	861RTX	80	8008N	673	8057R	690
7552G	665	7869G	660	861SP	81	8008N-K	673	8058R	690
7552N	665	7900G	656	861QTS	81	8008TZN	673	8058R/PS	696
7553BL	665	7903G	658	861TRW	81	8009FD	676	8060R	690
7553G	665	7905G	659	861TX	80	8009TZ	673	8060R/PS	696
7553N	665	7907G	661	861TX/A10	81	8009TZ-K	673	8061R	690
7553V	665	7909G	660	861TX/C	80	8009Z	673	8062	691
7579QN	660	7930MG	656	862F	83	8009Z-K	673	8063	690
7600G	652	7931MG	658	862F/A7	83	8010TZ	674	8063SL	691
7600N	652	7935MG	659	862LP	82	8010Z	674	8064S	691
7610G	653	7937MG	661	862PE	82	8010Z-K	674	8065SC	691
7610N	653	7940	656	862PH	82	8011TZ	674	8068S	682
7611G	656	7949	660	862PH/L	82	8011Z	674	8074	695
7636N	662	7971B	665	862PH-XL	82	8015	677	8074A	696
7637B	663	7978B	666	862PZ	82	8016	677	8074G	696
7637G	663	7980L	667	862TX	82	8016FR	678	8080	696
7640GG	653	7980NC	667	862TX/L	82	8016-K	677	8085R	689
7642G	663	7980RN	667	862TX-XL	82	8016U2	678	8086	689
7643G	663	7981N	667	862XP/A16	83	8016UGK	678	8090F	709
7644GG	663	7982N	667	866LP	83	8016U-K	678	8090R	689
7647GG	660	7984G	667	866PE	83	8018E	678	8091	685
7648GG	661	7985N	667	866PH	83	8018T	678	8091SL	685
7650	653	7996N	666	866PZ	83	8020	679	8092	686
7650B	653	7997GN	666	866TX	83	8020A	679	8092SL	686
7653G	659	7998GN	666	867/...	84	8021	679	8094	686
7654B	663	<b>8</b>		867/C20	84	8021A	679	8094SL	687
7654N	663			867/C38	84	8025	680	8096	687
7657B	663	80	15	867/C52	85	8025-K	680	8096SL	687
7657N	664	80/S	15	867PE	83	8026A	681	8097	688
7658CM	661	83	15	867PE/L	83	8026A-K	681	8097SL	688
7659N	661	83/S	15	867RIBE	84	8026R	679	8098	688
7660B	653	83AS	16	867RIBE/L	84	8026R-K	679	8098SL	689
7660G	654	83AS/S	16	867RTX	84	8028	681	8100	689
7661B	657	88	16	867RTX/L	84	8028-K	681	8105	671
7661G	657	88/S7	16	867TX	84	8029R	679	8105-K	671
7664N	664	89BA	299	867TX/L	84	8029R-K	680	8109	671
7665N	664	89MQ	279	867XZN	83	8029RS	680	8109-K	671



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8110	671	8181S	710	8285	704	93K	596	96TBP/S	22
8120	695	8182	710	8286	704	94	17	96TBP-HS	286
8120B	695	8182 8,5/B2	711	8287	704	94/S	17	96THS	286
8120D	695	8182A	711	8290	705	94K	596	96THS-AS	286
8120DZC	695	8182E	710	8293	705	95	17	96TINOX	294
8121MZC	695	8182GD	711	8297C	705	95/S	17	96TINOX/S5	294
8129	695	8182H	711	8297F	705	95BA	299	96TINOX/S8	294
8130	695	8182H/2	711	8302Z	676	95FTX	17	96TINOX-AS	294
8134	691	8182S	711	8303Z	676	95FTX/S	17	96TINOX-AS/S7	294
8135	692	8182T	710	8381SX	705	96	18	96TK	597
8135/KLA1	697	8182TS	710	8600 R/11	623	96/B	18	97BRTXL/SC8	23
8135/KMO	697	8183	712	8600 R/113	623	96/BG7	18	97BTX	22
8135H	692	8184	711	8600 R/114	623	96/BGS7	18	97BTX/B	22
8143	692	8185	712	8600 R/12	623	96/SC12	18	97BTX/SC8	22
8143/RKCI	697	8186	712	8600 R/13	623	96/SC9	18	97BTX-C/SC8	22
8143/RKL	697	8187	712	8600 R/225	623	96/ST	18	97BTXL	22
8143/RPC	697	8188/K8	713	8600 R/412	623	96/ST6K	596	97BTXL/SC8	22
8143/RPF	697	8188C	712	8600 R/511	623	96AS	19	97RTX	23
8143SL	692	8188CG/25	713	8600 R/601	623	96AS/B	19	97RTX/B	23
8146	693	8188CU/25	713	8600 R/602	623	96AS/BG7	19	97RTX/SC8	23
8146/RK	697	8188F	713	8600 R/611	623	96AS/SC9	19	97TTX	23
8146/RKCI	697	8188F35	713	8702N - 8702Z - 8702ZC	676	96AS/T	19	97TTX/S	23
8146/RKFC	697	8188VFG2	713	8709N - 8709Z - 8709ZC	677	96BA	299	97TTX/SP	23
8146/RKL	697	8189	713	8871	291	96BA/BP	299	97TTXHHS	286
8146/RPC	697	8189A	713	8872A	291	96BAF-AS	300	97TX	22
8146C	693	8189PA	713	8872AS	291	96BP	20	97TX/B	22
8146SL	693	8190	712	8873	291	96BP/AS	21	97TX/BG8	22
8147C	694	8190B	712	8877	291	96BP/ASB	21	97TX/G	22
8147C/RKR	698	8201T	700	8877M	291	96BP/AS-SC9	21	97TX/SC8	22
8147P	694	8205	699	8879	291	96BP/SC9	20	97TX/ST	22
8147S	694	8206	699	8880	291	96BPA	21	98XZN	23
8147S/RKR	697	8207	699	8883	291	96BPA/SC9	21	98XZN/B	23
8148	694	8209	699	8889C1	569	96BPC	20	99	23
8148/RA	698	8210	699	8889C2	569	96BPC/SC9	20	99 VN/...	24
8148/RKCL	698	8210F	700	8889C3	570	96BP-CL	20	99BA	300
8148/RKCM	698	8210FTP	700	8889C6	570	96BP-CL/SC9	20	99SQ	23
8148/RKG	698	8216	700	8889CS	570	96BP-HO/SC9	20	99ST	24
8148/RKS	698	8216-K	700	8889I4	570	96BPINOX	293	900	86
8148/RP	698	8220	701	8889P1	569	96BPINOX/B	293	900/...	89
8148F	694	8225	701	8889P2	569	96BPINOX-AS	293	900/16	89
8149	698	8227	701	8889P3	569	96BPINOX-AS/B8	293	900/20LK	599
8149 CMC	698	8228	701	8889P4	570	96C-AS/SC9	19	900/25	89
8149CM	698	8240	701	8889PS	570	96L	20	900/25K	599
8149CM/RA	698	8240F	701	<b>9</b>		96L/SC12	20	900/32	89
8150	706	8242	702			96L/SP8	20	900/35A	89
8153	706	8242F	702	90	16	96LBP	20	900/40	90
8156	706	8248	700	90/B8N	16	96LBP/SC9	20	900/42	90
8157	706	8249	700	90/S	16	96LC	19	900/55	90
8158	707	8249G	700	90/SP	16	96LC/SC12	19	900/55Z	90
8159	707	8250	703	90AS	16	96LC/SC8	19	900/55ZK	599
8160	707	8264	703	90AS/S	16	96N	18	900/58	90
8161	707	8267	703	90BA	299	96N/B	19	900/58K	599
8166	709	8272	704	90K	596	96N/G	19	900/C11	91
8170	707	8273	704	91	17	96N/SC12	19	900/C11HR	93
8173	707	8274	702	91BA	299	96N/SC9	19	900/C11Z	91
8176	708	8274A	702	91HS	286	96N/ST	19	900/C12MR	91
8177	708	8274G	702	91HS-C	286	96N/ST6K	596	900/C12MZ	91
8178	708	8276	702	92	17	96T	21	900/C13-5	91
8179A	709	8276G	703	92BA	299	96T/AS	21	900/C13-8	91
8179B	708	8278	703	92HS	286	96T/S	21	900/C24	92
8179M	708	8279	705	93	17	96T/SP	21	900/C39N	90
8180	710	8280	703	93BA	299	96T/SPV	21	900/C39U	90
8181	710	8282S	704	93C	17	96TAS/S	21	900/R55	111
8181 6/B4	710	8284	704	93HS	286	96TBP	22	900/R55-Z	111



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900/RN55	111	910/R55	111	910XZN	96	920AS/MBM-C21	108	921BA/21 - 921BA/22	301
900/SB	86	910/R55X	111	911BA	300	920AS/SB11	100	921BA/25	301
900AN	89	910/RN55	111	911BA/16	300	920ASL/SB11	100	921BA/42	301
900AS	87	910A	93	911BA/20	300	920B	99	921BA/50	301
900AS/C10 - /MB-C17	93	910A/AS	94	911BA/55	300	920B/C30Q	106	921BA/R50	301
900AS/C17-MBM	93	910A/C16...	98	914MQ/A	281	920B/SB13	99	921BA-AS	301
900AS/L	87	910A/C16HR	99	914MQ-A/S4	281	920B/SB8	100	926BA	301
900AS/MB	87	910A/C17	98	920.../C11	105	920BL	100	926BA/15	301
900AS/MBL	87	910A/SB	93	920.../C12...	105	920BL/SB11	100	926BA/22	301
900AS/SB11	87	910A-AS/SB13	94	920.../C20...	106	920BP	102	926BA/42	301
900BG/30	89	910AK	599	920.../C21...	106	920BP/SB	102	926BA/50	302
900BG/30C	89	910AL	94	920.../C33	107	920ES	103	926BA/R50	302
900BG/30K	599	910AL/SB14	94	920/15	103	920ES/SB	103	928.../C12	110
900FL	89	910AN	97	920/16	103	920ES/XL-SB	103	928/15	109
900FTX	88	910AS	94	920/20=920/23	103	920FTX	101	928/16	109
900FTX/SB9	88	910AS/C13...	99	920/21K	599	920FTX/C	101	928/20 - 928/21 - 928/22	109
900HS/55	287	910AS/L	95	920/25	103	920FTX/L	101	928/25	109
900K	599	910AS/MBM-C18	99	920/25K	600	920FTX/LSB	101	928/36A	109
900L	87	910AS/SB13	94	920/35A	103	920FTX/SB	101	928/42	109
900L/SB	87	910AS/SN	95	920/36A	104	920HS/55LC	287	928/55	109
900LP	88	910ASL/SB12	95	920/38	104	920INOX-A	294	928/R55X	112
900M/35	89	910B	94	920/40	104	920LH/SB7	101	928/RN55	112
900M/55	90	910B/C16...	98	920/42	104	920LP	101	928A	108
900M/R55	111	910B/SB	94	920/44	104	920M/35	104	928AS	109
900MB	86	910B/SN	94	920/46	104	920M/35L	104	928AS/C12	110
900MB/C19	92	910BL	94	920/50	104	920M/55	105	928B	108
900MB/C28	92	910BL/SB	94	920/50F	104	920M/56	105	928B/C12	110
900MB/L	87	910BP	96	920/55	104	920M/R55	112	928ME	109
900MB/SB	86	910BP/SB6L	96	920/55INOX	294	920MC	99	929	110
900MC/C24	92	910CF	96	920/55LC	105	920MC/C14	106	929/15	110
900MC/C32	92	910CF/SB	96	920/55Q	104	920ME	102	929/21 - 929/22	110
900MC/LP	88	910FTX	95	920/55X	104	920ME/C7	102	929/42	110
900MC/PH	88	910FTX/L	95	920/56A	105	920ME/SB	102	929/55	110
900MC/TX	89	910FTX/LSB	95	920/58	105	920MQ/21	281	929/55PR	110
900ME	88	910FTX/SB	95	920/58K	600	920MQ/22	281	929/C8	110
900ME/SB8	88	910FTX/XL	95	920/C37	107	920MQ/55A	281	929/R55	112
900PE/AS	88	910FTX-XL/C10	95	920/R50	111	920MQ/A	281	930	112
900PH	88	910HS/55	287	920/R55	111	920MQ/C16	281	930/C	112
900PH/SB4	88	910LP	95	920/R55INOX	294	920MQ/PE	281	930/S	112
900PT	88	910M/35	97	920/R55LC	112	920MQ/T	281	932	112
900PZ	88	910M/55	97	920/R55X	112	920PE	101	932/S	113
900T/44	90	910M/56	97	920/RN50	111	920PE/AS	102	932HS	287
900TX	89	910M/R55	111	920/RN50F	111	920PE/C	101	933	113
900TX/SB	89	910ME	96	920/RN55	112	920PE/SB	101	933/S	113
900U	87	910ME/SB	96	920/RN55LC	112	920PE-AS/SB6	102	935	113
900U/C12M	92	910MQ/21	280	920/RN55Q	112	920PH	101	935/S	113
900U/SB	87	910MQ/22	280	920/RN55X	112	920PH/SB4	101	935K	600
902A/C22	93	910MQ/55	280	920A	99	920RTX	102	937	113
902R/C6	93	910MQ/B	280	920A/AS	100	920RTX/SB	102	937/S	113
910.../C10	98	910MQ/C16	280	920A/C17HR	108	920TX	102	937BA	302
910.../C29	98	910MQ/PE	280	920A/C17M	107	920TX/C	102	937K	600
910/15	96	910MQ/PT	280	920A/C17MR	107	920TX/C17	108	940	113
910/16	97	910MQ/T	280	920A/SB13	99	920TX/L-SB10	102	941	113
910/20 - 910/21 - 910/22	97	910MQ/TX	280	920A/SB8	99	920TX/SB	102	941/S	113
910/21K	599	910MQ/XZN	280	920A-AS/SB11	100	920U	100	942BX	114
910/25	97	910PE	96	920AK	599	920U/SB13	100	942BX/DG	611
910/25K	599	910PE/AS	96	920AL	100	920U/SB4	101	942BX/S	114
910/36A	97	910PE/SB	96	920AL/SB11	100	920XZN	103	943BX	114
910/40	97	910PH	95	920AN	103	920XZN/LS	103	943BX/D	114
910/42	97	910PH/SB4	95	920AS	100	920XZN/SB12	103	943BX/DG	611
910/46	97	910PT	96	920AS/C10	107	920XZN/SB7	103	943BX/S	114
910/55	97	910PT/SB	96	920AS/C15	107	921BA	301	943BXK	600
910/58	98	910TX	96	920AS/C17X	108	921BA/15	301	943FL	114
910/58K	599	910TX/SB	96	920AS/L	100	921BA/16	301	943FL/S	114





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943MQ	281	961P6/S	121	9503TL	715	9565K	725	9812M	573
943MQ/BG	611	962	121	9504TL	715	9565S	669	9813H	573
943MQ/S	281	962C	270	9510W	716	9565T	725	9821L	574
944BX	114	962M	121	9520P	721	9566K	725	9822M	574
944BX/D	114	962P	121	9521	721	9566S/3	725	9823H	574
944BX/DG	611	963	121	9521OB	721	9569MS	724	9831L	574
944BX/S	114	963BA	302	9522A	721	9569MS-2	724	9832M	574
949	114	964	121	9523A	722	9569P	724	9833H	574
949/S6	115	964BA	302	9523T	722	9569S	724	9840BF - Beta Fix	575
950	115	964BA/L	302	9524SC	721	9572LB	716	9841N	575
950/S	115	965	121	9525CM	716	9574B	717	9841R	576
951	115	965/S	122	9525TR	716	9574O	717	9842W - Acryl Seal	575
951/S	115	965BA	302	9525WB	716	9577R	716	9843T - Multi Sil	575
951/SP	115	966/C3	122	9526F	722	9579C	716	9844T - Neutral Sil	575
951AS	116	966BA	302	9526MC	722	9580S	717	9851	576
951AS/S	116	966BA/V	302	9526RMN	721	9586K	722	9860 - Multi Foam	575
951BA	302	969/C5	122	9527 6T	722	9587 13x21	723	9881U	578
951GP	116	969B	122	9527T	722	9587 9x14	723	9882R	578
951GP/S6	116	970B	122	9528B	722	9588/10PI	723	9899 CV/A	111
951K	600	970IVECO	122	9528C	721	9588M	723	9899 CV/B	111
951MQ	281	971/C8	122	9534BO	716	9588S/10...	724	9899 CV/C	111
951TX	116	972/C10	122	9534WO	716	9589A/36	724	<b>C</b>	
951TX/S	116	972/C4BMW	122	9539CB	718	9589B/36	724		
952	117	973	123	9541BIKE	717	9592AC	723	C3	350
952/D7	117	978 - 979	123	9541F	717	9592B/C50	723	C5 - 2105	350
952/S	117	982	123	9541PC	718	9592B/P	723	C5S	350
952AS	117	983 PM/R-DA	123	9541S	718	9592MG/3	723	C6T - 2106	351
952FTX	117	983PM	123	9542AL	718	9593A	717	C7 - 2107	351
952FTX/S	117	984	123	9542C	718	9593M	717	C7AT	351
952L	117	985/B7	123	9542G	718	9593SB	717	C8 - 2108	351
953	117	985F	123	9542GW	719	9593W	717	C8B	351
953/S	117	985M	123	9542M	719	9594	724	C9 - 2109	351
953TX	117	986 48	123	9542S	719	9595C	724	C9/RT	352
953TX/S	117	986 78	123	9543C	717	9595T	724	C9DA	352
955	118	986PT	124	9544C	718	9596	724	C9MT	352
956C	118	987	124	9547	723	9597P	720	C9PT	314
956E	118	987AR	124	9547T	721	9597TRIOWAY	719	C04TSS-7	296
956F	118	987P	124	9547WSK	721	9598WHP-N	720	C10 - 2110	352
956L	118	988/K4	124	9548G	721	9598W-N	719	C10S - 2110S	353
957	118	989	124	9548KB	720	9599CB-N2	720	C11 - 2111	353
959	119	989A	124	9548KB 20	720	9599CB-WN	720	C12 - 2112	353
959R	119	989B	124	9548KB 24	720	9710 - LUBRIBETA universal	576	C13	353
960/C6	119	990	124	9549ABW	722	9712 - Ultra Sblock	576	C14	353
960A	119	991	124	9549BP	722	9720 - Multi Grease	576	C16 - 2116	354
960AVE	119	992	124	9549BRW	722	9722 - Lithium Grease	576	C18 - 2118	354
960EPC/L	119	993	124	9549C	722	9724 - PTFE Grease	576	C19 - 2119 - C19L - 2119L	355
960E-PI/P	120	993G	125	9549CR	723	9726 - Copper Grease	577	C20 - C20L - 2120	355
960ER	119	993MQ	282	9549MPC	723	9729 - Silic Spray	577	C20TSS	295
960KC-M8/M9/M10	120	993PL	124	9549SBW	723	9738 - Cutting Oil	577	C22B	355
960KPC	120	994	125	9557J 2.0	718	9740 - Brake Cleaner	577	C22P	355
960P	120	994MQ	282	9559	726	9741 - Multi Cleaner	577	C22W	355
960PI	120	994PL	125	9559/S	726	9742 - Contact Cleaner	577	C25	372
960PI/C19	120	994TF	125	9561V	726	9745 - Carb Cleaner	577	C27S	373
960PI/K36	120	996	125	9561VV	726	9746 - Clima Cleaner	577	C30M	375
960PI/S	120	998	125	9561VV 2,5	726	9749 - Air Spray	578	C35/6GM	376
960PMC	121	999	125	9562	726	9752 - Zinc 98%	578	C35/7GM	377
960RPI	121	999/B6N	125	9562P12	725	9755 - Welding Spray	578	C35/8GM	377
960SL	119	999A	125	9562P2	725	9765 - Deicer Spray	578	C35/9GM	377
960SN	119	999B	125	9562T1	269	9775 - Water Stop	578	C37/6	379
960T/C11	119	999C	125	9562T2	726	9801L	573	C37/7	378
960UC	120	999D	125	9562T3	269	9802M	573	C37/8	379
960VTC	121	999E	125	9562TB	669	9803H	573		
961BA	302	999G	125	9563G	725	9811L	573		
961N	121	9501TLD	715	9563U	725				



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C37A/7	379	C45PRO 2.0 MWS/W	473	C55M4	429	C58CSH 5C	408
C39/6	382	C45PRO 2.0 MWS/X	473	C55M7	429	C58CSH 6C	408
C39/7	381	C45PRO 2.0 PAS	482	C55M8	430	C58GF	405
C39/8	382	C45PRO 2.0 PF	482	C55MA	431	C58GRF	405
C39MD	384	C45PRO 2.0 PFE	482	C55MDO	431	C58GRGM	405
C39SM	384	C45PRO 2.0 PM	484	C55MP	437	C58GT	405
C39T	382	C45PRO 2.0 PML	485	C55MS	432	C58K/2PF-1,6M	408
C41H	385	C45PRO 2.0 PWE/1-0,7MT	474	C55P/2MDX-SX	433	C58K/2PF-2,1M	409
C41H/CE	385	C45PRO 2.0 PWE/2-1,3MT	474	C55P/MCD	433	C58K/4PF-1,6M	409
C41S	385	C45PRO 2.0 PWE/3-2,0MT	475	C55PB/3	419	C58K/4PF-2,1M	409
C42H	386	C45PRO 2.0 PXE/1-0,7MT	474	C55PB-PRO/7	420	C58MA	407
C45PRO 2.0 A1/R600	485	C45PRO 2.0 PXE/2-1,3MT	474	C55PB-PRO/8	420	C58MP-0,8M	411
C45PRO 2.0 A1/RB600	485	C45PRO 2.0 PXE/3-2,0MT	475	C55PFA-0,8	435	C58MP-1M	411
C45PRO 2.0 ACT	480	C45PRO 2.0 RD/W	478	C55PFA-1,0	433	C58P	396
C45PRO 2.0 AS1	485	C45PRO 2.0 RD/X	478	C55PM	433	C58PFL	410
C45PRO 2.0 AS2	486	C45PRO 2.0 SL	481	C55PM/M0,8	435	C58PLED-150	411
C45PRO 2.0 AS2/3C	486	C45PRO 2.0 SS	481	C55PRO B/2	421	C58PLED-90	412
C45PRO 2.0 AW	468	C45PRO 2.0 T3	481	C55PRO B/2,8	422	C58PLT-W 1,6	404
C45PRO 2.0 AX	468	C45PRO 2.0 TC	481	C55PRO B-D4	423	C58PLT-W 2,1	404
C45PRO 2.0 BLW	472	C45PRO 2.0 W	467	C55PS	436	C58PLT-X 1,6	404
C45PRO 2.0 BLX	472	C45PRO 2.0 X	466	C55PSE	436	C58PLT-X 2,1	405
C45PRO 2.0 BPW-1,3	471	C45PRO A2/R915	486	C55PT0,8X0,6	435	C58SP 1,6	410
C45PRO 2.0 BPW-2,0	471	C45STR	487	C55PT1,0X0,6	434	C58SP 2,1	410
C45PRO 2.0 BPX-1,3	471	C48M	388	C55PTE-0,8	435	C59A	413
C45PRO 2.0 BPX-2,0	470	C48P	389	C55PTE-1,0	434	C59B	413
C45PRO 2.0 BW	469	C51	389	C55RB	426	C59C	414
C45PRO 2.0 BX	468	C54S	393	C55STR	440	C62M/WW	668
C45PRO 2.0 C5	475	C55	418	C55T3	432	C64	668
C45PRO 2.0 C7	476	C55 A1/RB42	438	C56	412	C64CW	669
C45PRO 2.0 CAI/W	484	C55/1PF	435	C56P O	392	C64G	669
C45PRO 2.0 CAI/X	484	C55/2PM	434	C56PL O	392	C68	615
C45PRO 2.0 CORNER/W	483	C55/PF	433	C56W	412	C68 G	615
C45PRO 2.0 CORNER/X	483	C55/PL-1,024	426	C57SA	394	C68N	615
C45PRO 2.0 CPF	474	C55A1	438	C57SB	395	C88 R/1	615
C45PRO 2.0 CW	470	C55A1/R42	438	C57SC	395	C88/R601	623
C45PRO 2.0 CX	470	C55A2	439	C57SD	394	C88/R611	623
C45PRO 2.0 DW	465	C55A2/R70	439	C57SP	396	C88SE	615
C45PRO 2.0 DX	464	C55AB	419	C58BAC 1,6	410	C88VE	615
C45PRO 2.0 EW	469	C55AC	437	C58BAC 2,1	410	C99	356
C45PRO 2.0 EX	469	C55AE	436	C58BC-W1,6	397	C99P	358
C45PRO 2.0 FW	465	C55AT1	440	C58BC-W1,6 2C	398	C99PP	358
C45PRO 2.0 FX	465	C55AT2	440	C58BC-W1,6 4C	399	C99V0	356
C45PRO 2.0 GW	466	C55B PT/2	426	C58BC-W2,1	399	C99V0-P12	357
C45PRO 2.0 GX	466	C55B PT/2,8	426	C58BC-W2,1 2C	400	C99V2	357
C45PRO 2.0 HW	467	C55B/2	421	C58BC-W2,1 4C	401	C99V3/2C	358
C45PRO 2.0 HX	467	C55B/2,8	422	C58BC-W2,1 4CA	401	CA49-G	387
C45PRO 2.0 M3A	479	C55B/G	424	C58BC-W2,1 6CA	402	CB52	391
C45PRO 2.0 M4	476	C55B/GAA	424	C58BC-W2,1 8CA	402	CB/2	571
C45PRO 2.0 M5	476	C55B/GAE	425	C58BC-X1,6	398	CD23S	360
C45PRO 2.0 M7	477	C55B/GDP	424	C58BC-X2,1	400	CP15 - 2115	353
C45PRO 2.0 M7A/W	473	C55B/GDS	424	C58BC-X2,1 4C	403	CP15L - 2115	354
C45PRO 2.0 M7A/X	472	C55B/GE	425	C58BC-X2,1 4CA	403	CP17 - CP17L - 2117	354
C45PRO 2.0 M8	477	C55B/VS	426	C58BC-X2,1 8CA	404	CP51	391
C45PRO 2.0 MA	478	C55B-D4	423	C58BLP-1,6M	411	CPMB/3C	489
C45PRO 2.0 MAL	479	C55C7	427	C58BLP-1M	411	CPMB/5C	490
C45PRO 2.0 MAT	479	C55C8	428	C58CS 1C	406	CP	490
C45PRO 2.0 ML	480	C55CS	430	C58CS 2C	406	CX49-G	387
C45PRO 2.0 MP	482	C55KAI	437	C58CS 3C	406		
C45PRO 2.0 MRE	480	C55M2	428	C58CSH 3C	407		
C45PRO 2.0 MS	477			C58CSH 4C	407		

## G,K

GM	570
KIT 10VC/5C	490
KIT 6VC/3C	489
KIT/GPS	570

## M

M3CA	491
M01	544
M01K	609
M02	544
M05	544
M06	544
M13	544
M25	544
M30	544
M31	545
M32	545
M33	545
M38	545
M40	545
M44	545
M45	545
M46	545
M49	545
M50	545
M52	546
M53	546
M55	546
M60	546
M62	546
M63	546
M63K	609
M65	546
M67	546
M69	546
M75	547
M78	547
M82	547
M83	547
M85	547
M86	547
M91	547
M92	547
M94	547
M96	547
M100	548
M105	548
M108	548
M110	548
M112	548
M115	548
M118	549
M120	549
M121	549
M125	549
M126	549
M127	549
M128	549
M129	549
M129K	609
M133	549



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M134	550	MM105	558	RSC50 2.0 M10	454	T34	560	T183	566
M135	550	MM129	558	RSC50 2.0 M4	452	T40	560	T198	566
M136	550	MM210	558	RSC50 2.0 M5	452	T41	560	T199	566
M137	550	MM230	558	RSC50 2.0 M6	453	T45	561	T201	566
M145	550	MM400	558	RSC50 2.0 M7	453	T46	561	T202	566
M153	550	MM401	559	RSC50 2.0 M8	453	T48	561	T204	566
M161	550	<b>P</b>		RSC50 2.0 MA	455	T50	561	T205	566
M162	550		RSC50 2.0 MDO	456	T52	561	T206	566	
M166	550	PM 1/2-Q5	72	RSC50 2.0 ML	456	T55	561	T207	566
M170	550	PM/5C	490	RSC50 2.0 MS-2AVV	455	T59	561	T208	566
M172	551	PM/6C	490	RSC50 2.0 MS-2C	454	T63	561	T209	567
M174	551	PV	396	RSC50 2.0 MS-AVV	454	T64	561	T211	567
M180	551	<b>R</b>		RSC50 2.0 MTP	458	T65	561	T213	567
M195	551		RSC50 2.0 NAC	459	T68	561	T216	567	
M201	551	RSC22	359	RSC50 2.0 NAC-W	460	T73	561	T221	567
M204	551	RSC23	360	RSC50 2.0 NAC-X	460	T75	562	T226	567
M208	551	RSC23C	360	RSC50 2.0 NP/1-0,7MT	448	T76	562	T227	567
M209	551	RSC23T	361	RSC50 2.0 NP/2-1,5MT	448	T77	562	T228	567
M213	551	RSC24/5	363	RSC50 2.0 NP/3-2,2MT	449	T80	562	T231	567
M213K	609	RSC24/6	363	RSC50 2.0 P/2MDX-SX	458	T81	562	T233	567
M214	552	RSC24/7	362	RSC50 2.0 PFI	457	T82	562	T234	567
M216	552	RSC24/8	363	RSC50 2.0 PFS	457	T83	562	T236	567
M217	552	RSC24A/6	364	RSC50 2.0 PM	458	T85	562	T239	568
M218	552	RSC24A/7	364	RSC50 2.0 PS	459	T91	562	T241	568
M222	552	RSC24A/8	364	RSC50 2.0 PW/1-0,7MT	449	T92	562	T259	568
M223	552	RSC24AXL/7	365	RSC50 2.0 PW/2-1,5MT	449	T99	563	T264	568
M226	552	RSC24AXL/8	366	RSC50 2.0 PW/3-2,2MT	450	T100	563	T270	568
M227	552	RSC24AXL/9	366	RSC50 2.0 PX/1-0,7MT	449	T101	563	T271	568
M230	552	RSC24AXLP/7	367	RSC50 2.0 PX/2-1,5MT	449	T102	563	T273	568
M231	552	RSC24AXXL	368	RSC50 2.0 PX/3-2,2MT	450	T103	563	T279	568
M234	553	RSC24L/7	371	RSC50 2.0 RB	450	T105	563	T284	568
M236	553	RSC24L-CAB	371	RSC50 2.0 T3	456	T106	563	T285	568
M237	553	RSC28	374	RSC51	390	T111	563	T291	568
M240	553	RSC50 2.0	444	<b>S</b>		T112	563	T294	569
M264	553	RSC50 2.0 A	448		T113	563	T297	569	
M284	553	RSC50 2.0 A1	461	S4CA	487	T122	563	TSPP	571
M292	553	RSC50 2.0 A1/R59	461	S4CB	487	T123	563	<b>V</b>	
M294	553	RSC50 2.0 A1/RB59	462	S42/17	571	T124	564		
M295	553	RSC50 2.0 A2	462	S55/12	570	T135	563	VE1	570
M400	554	RSC50 2.0 A2/3C	462	S55/8	570	T136	564	VP1 - VP2	569
M401	554	RSC50 2.0 A2/R91	462	S96T/8	571	T137	564	VP3 - VP4	569
MB12	555	RSC50 2.0 B	447	S951/6	571	T138	564	VP5	569
MB37	555	RSC50 2.0 C	447	S952/10	571	T140	564	VP6	569
MB39	555	RSC50 2.0 C5	450	S1719BM	571	T144	564	VP7-C	569
MB44	555	RSC50 2.0 C6	451	SB	570	T145	564	VP-3SC	569
MB46	555	RSC50 2.0 C7	451	SCG	415	T146	564	VP-LS	569
MB47	555	RSC50 2.0 C8	452	SGN	571	T151	564	VPM0	559
MB58	556	RSC50 2.0 CS	455	SP5S	491	T153	564	VPM3	559
MB59	556	RSC50 2.0 D	446	SPC	491	T156	564	VPM7	559
MB63	556	RSC50 2.0 DW	447	SPG11 - S1203/8	571	T157	565	VPM7-C	559
MB64	556	RSC50 2.0 DX	446	SSPE	484	T160	565	VPM8	559
MB65	556	RSC50 2.0 E	446	ST2P	570	T161	565	VPM9	559
MB	570	RSC50 2.0 F	445	<b>T</b>		T164	565		
MC10	554	RSC50 2.0 FW	445		T167	565			
MC12	554	RSC50 2.0 FX	445	T01	560	T168	565		
MC20	554	RSC50 2.0 G	444	T05	560	T170	565		
MC21	554	RSC50 2.0 H	444	T06	560	T171	565		
MM11	557	RSC50 2.0 I	443	T23	560	T172	565		
MM26	557	RSC50 2.0 KNAI	460	T24	560	T173	565		
MM30	557	RSC50 2.0 KNAI-W	461	T28	560	T175	565		
MM60	557	RSC50 2.0 KNAI-X	461	T29	560	T176	565		
MM63	557	RSC50 2.0 KPF	457	T31	560	T177	566		
MM100	557	RSC50 2.0 L	443	T33	560	T180	566		



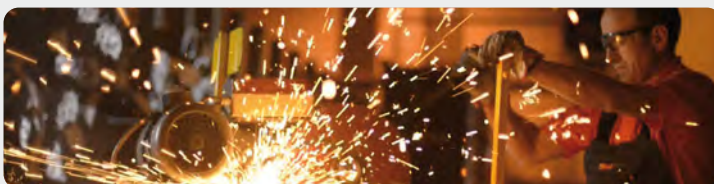
**10 production units**  
IN ITALY



**1.000**  
staff

**12 branches**  
worldwide

Active in over  
**100 countries**  
worldwide with over  
**250 importers**



**BETA UTENSILI S.p.A.** - 20845 Sovico (MB)  
Via A.Volta, 18 - Tel. 039.2077.1 - Fax 039.2010742  
[www.beta-tools.com](http://www.beta-tools.com)

**Robur Wire rope accessories:**  
67039 Sulmona (AQ) Zona industriale - C.da S. Nicola  
Tel. 0864.2504.1 - Fax 0864.253132  
[www.roburitaly.com](http://www.roburitaly.com) - [info@roburitaly.com](mailto:info@roburitaly.com)



# THE HISTORY OF ITALIAN TOOLS

- 1923** ● Alessandro Ciceri founded “Alessandro Ciceri & Figli”, in Erba (in the province of Como), to manufacture iron and steel casts.
- 1939** ● The trademark Beta was registered, and the Company became involved mainly in **manufacturing professional tools** at the factory in Sovico (in the province of Monza e Brianza). The Company is still based in Sovico.
- 1960** ● Beta Utensili employed no less than two hundred people, established themselves as an up-and-coming manufacturer of professional hand tools and exported their products.
- 1969** ● The revolutionary orange sheet metal **“Tank” trolley** was launched; from that moment orange would result in a unique style for the trademark Beta.
- 1971** ● Beta Utensili entered the **motor racing world** – first in Formula 1 and then in rally racing and motor sports in general.
- 1973** ● The **factory in Castiglione d’Adda** (in the province of Lodi) was opened, thus joining the established factory in Sovico (in the province of Monza e Brianza).
- 1975** ● The Company scored their first Formula 1 victory, with the orange **March-Beta Utensili** driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.
- 1984** ● The Company opened their **third factory in Sulmona** (in the province of L’Aquila). In the forge shop, they started manufacturing the iconic combination wrenches, item 42. The production and testing of lifting accessories kicked off under the brand name Robur.
- 1990** ● Beta Utensili further penetrated the main European markets, **establishing branches** in France, Britain, Holland, Spain, Poland and Hungary.
- 2000** ● The **new Beta Utensili catalogue** testified to **ongoing growth**: the range of available products was doubled, with over 10,000 coded items divided into 22 product families.
- 2002** ● Beta Utensili’s range was further expanded, being supplemented with safety footwear as well as with the work and free-time wear collection, **“Beta Work”**.
- 2009** ● Beta started expanding overseas, establishing **Beta China** and, three years later, **Beta do Brasil**.
- 2016** ● Beta introduced the new modular workshop equipment combination system, **RSC55**.
- 2018** ● The **Beta Group** further established themselves, by taking over **BM S.p.A.**, a leading manufacturer of terminal lugs and electrical connection systems, **3D Beta S.r.l.**, a company specializing in the design and production of customized workshop equipment combination systems, and **VGF S.r.l.**, a company specialising in powder coating of metal furniture
- 2019** ● The leading manufacturers of rigid and flexible abrasives, **Abra Beta S.p.A.** and **Elpa Abrasivi S.r.l.**, were also taken over.
- 2020** ● Beta entered the North American market by establishing the branch **Beta USA**.
- 2023** ● As the 100th anniversary of the foundation was celebrated, the **Beta Group** further grew by taking over **Helvi S.p.A.**, a major player in the metal welding industry. Two Italian-made products were introduced by the Research & Development Department: the **modular workshop equipment system, RSC50**, and the **torque wrench, 666, with Zero-Reset technology**.
- 2024** ● The Beta Group employed over **1,000 staff** worldwide, relying on **40 product families** and **over 30,000 items**, designed and manufactured to answer professionals’ requirements and ensure ongoing quality and performance, according to the principle **Beta Well Done**, because we at Beta can only do things well.



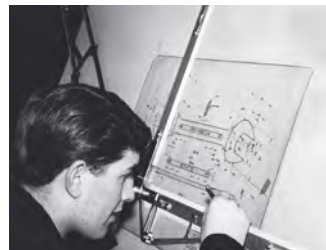
1923 Alessandro Ciceri & Figli



1939 Forging department



1955 Shearing department



1960 Design department



1969 Tank trolley



1974 Advertisement for tool assortments



1975 Vittorio Brambilla



2002 “BetaWork”



2016 Workshop equipment combination system RSC55



2024 Fabio Quartararo, Beta Ambassador

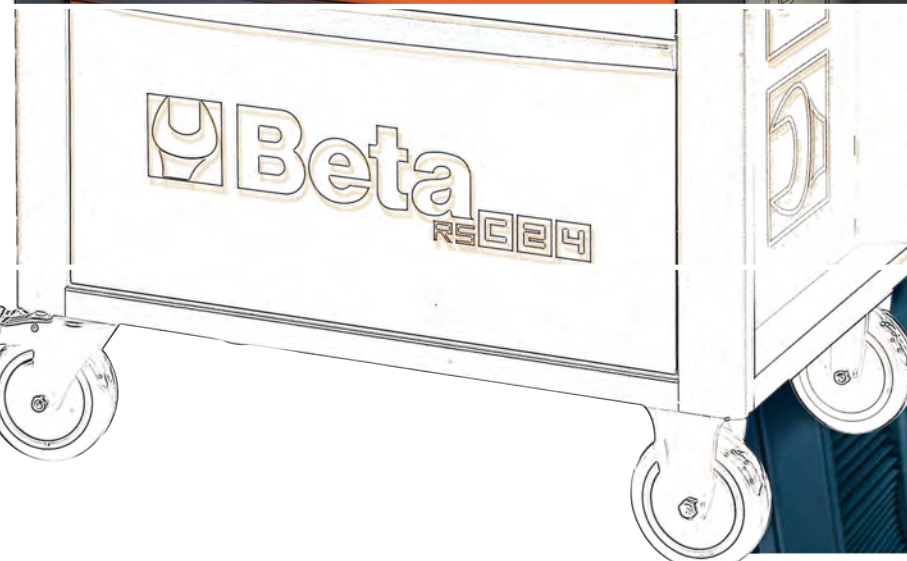


# CERTIFIED QUALITY

Beta had its Quality System certified in accordance with the **ISO 9001 standards** as early as 1995; in 2018, the Company obtained **TÜV** certification, by passing strict tests under the EK5/TA5 test protocol.

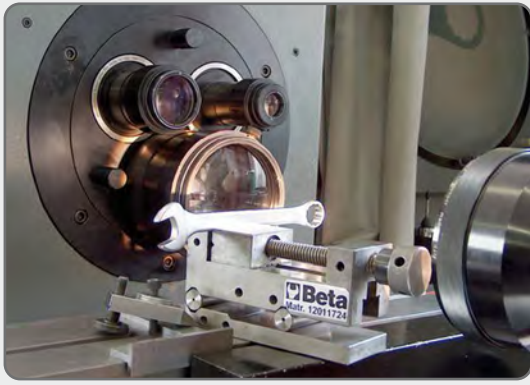
Protocol EK5/TA5 deals with 31 well-defined building characteristics, stringent static tests and dynamic behaviour tests. Other tests determine resistance to high and low temperatures, the service life of markings over time and corrosion resistance.

Credit for this achievement is due to the expert design, accurate manufacture and stringent tests Beta relies on for its roller cabs, which has allowed their quality to be acknowledged by end users.

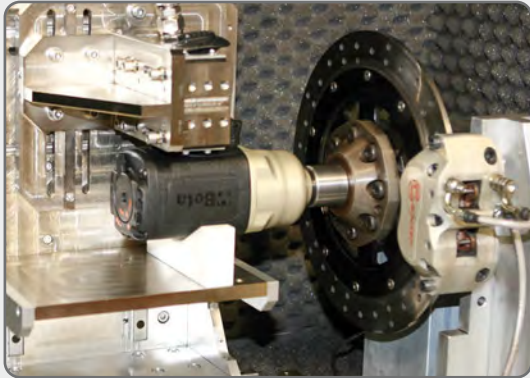




# CONTROL AND QUALITY



At Beta, quality has a simple, concrete meaning: “that which fully satisfies the needs and expectations of the professional users who rely on our products as an irreplaceable working instrument”. Tools are not only designed and manufactured correctly to fulfil a need, but they must guarantee repeat performances consistently over time.



At Beta, quality goes beyond a merely attentive industrial and sales policy, to permeate every company division, driving us all to achieve increasingly ambitious goals in terms of customer satisfaction. Beta has built its history on this very concept.



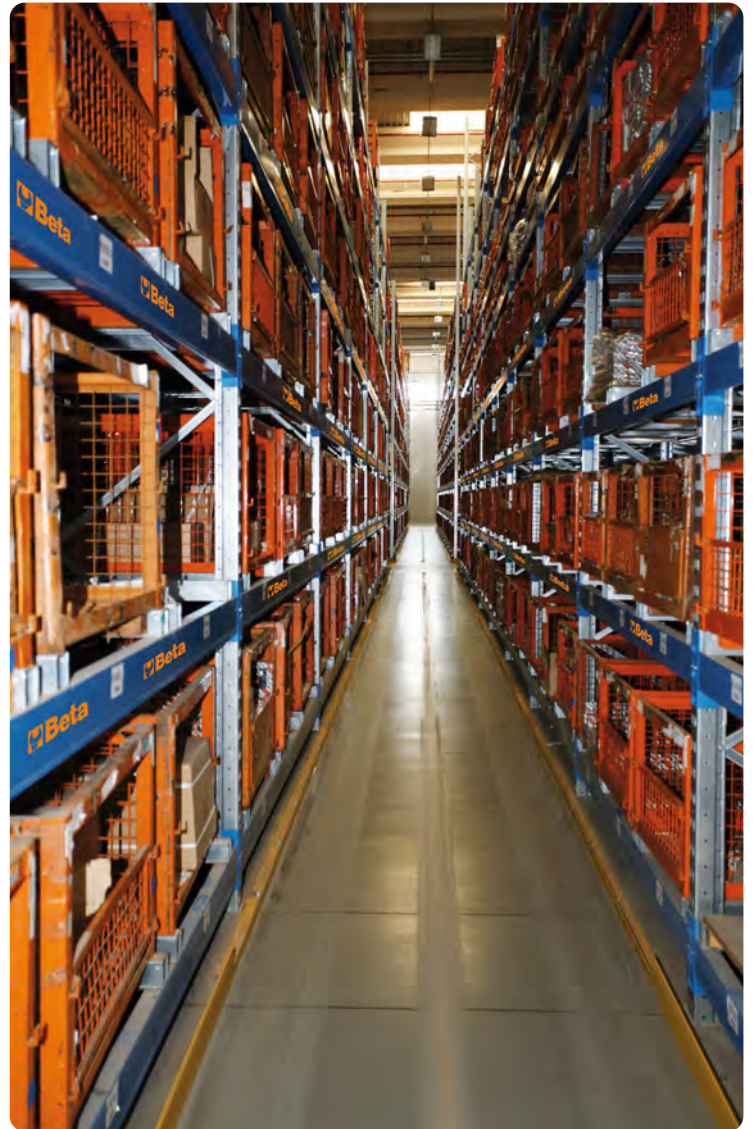
**Beta quality,**  
our most concrete proof

The quality of Beta tools  
is a synergy  
of age-old techniques  
and new technologies.



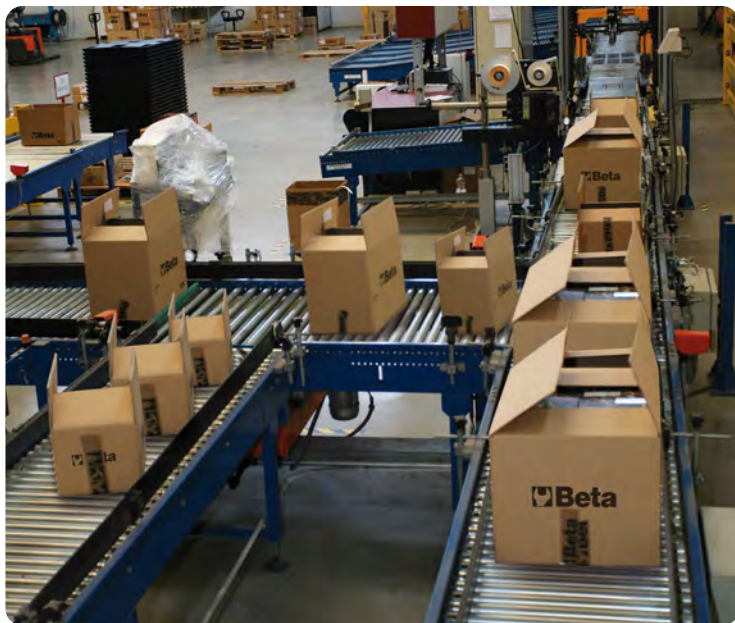
Since 1995 our production processes have complied with the ISO 9001 Quality System standards





**32.000 m<sup>2</sup>**  
surface area

**45.000**  
coded items  
and over **35.000**  
loading units



**Quick, prompt  
and complete deliveries**







# WORK ORGANIZATION

**5S** is a **workplace organization method** of Japanese origin. The name is derived from the western transcription of 5 Japanese words: **SEIRI, SEITON, SEISO, SEIKETSU AND SHITSUKE.**

Following the 5 steps identified by the words allows a systematic, repeatable method to be implemented with a view to optimized working standards and enhanced operating performance.



## SEIRI

### **SORT**

Remove all unnecessary items from the workplace; only keep the items you need.



## SEITON

### **SET IN ORDER**

Put everything into its proper place: a place for everything and everything in its place.



## SEISO

### **SHINE**

Keep the workplace clean and tidy.



## SEIKETSU

### **STANDARDIZE**

Establish consistent work practices to keep rationalizing resources and spaces, determining a standard to implement.



## SHITSUKE

### **SUSTAIN**

Support and spread this mindset and behaviour across the organization.



## BENEFITS



Reduced time loss and improved cost-effectiveness



Enhanced quality and productivity



Fewer work accidents



Greater efficiency



**BEFORE**



**AFTER**



# PRESENCE AND TECHNICAL EXPERTISE IN THE AREA

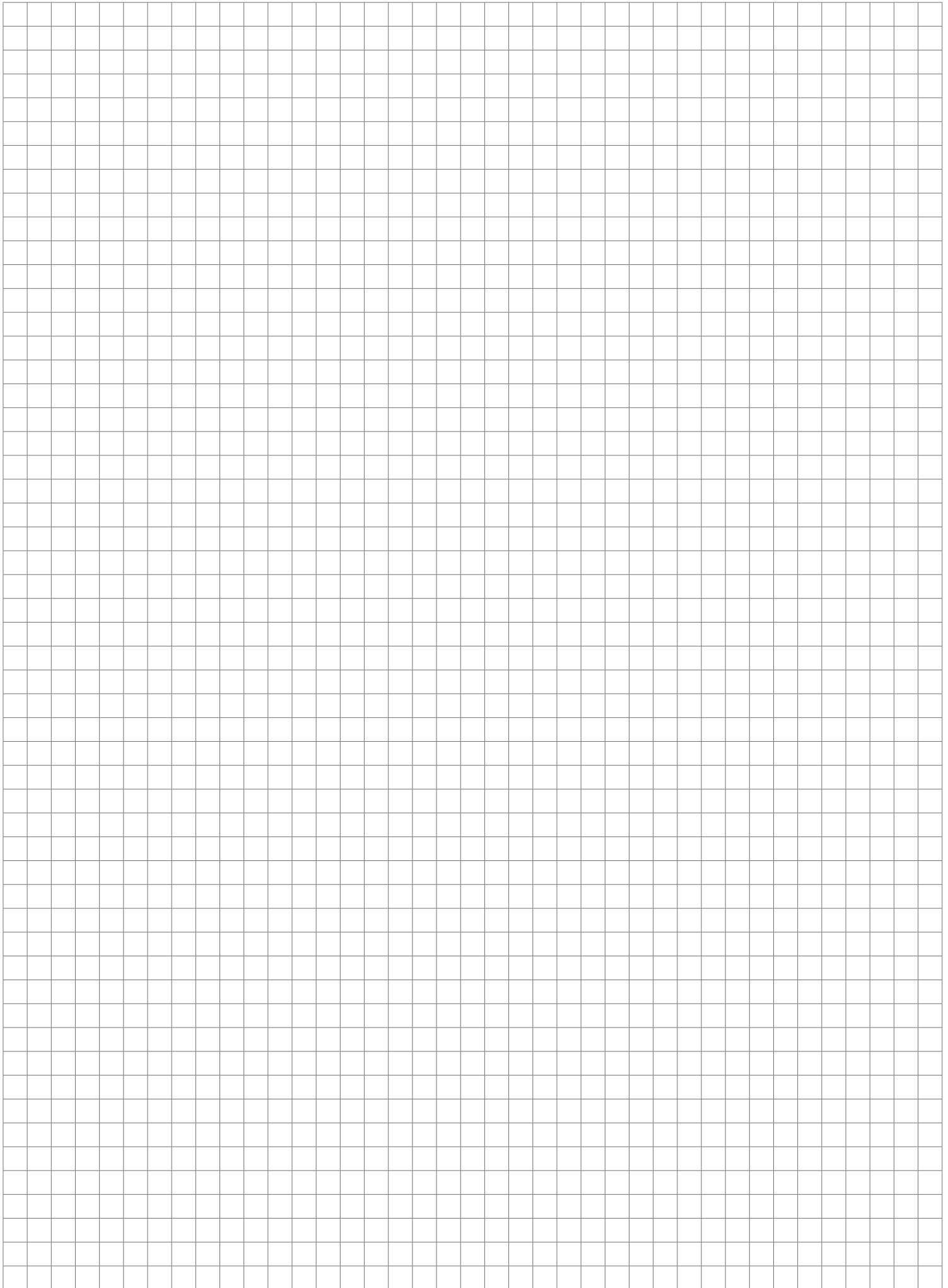


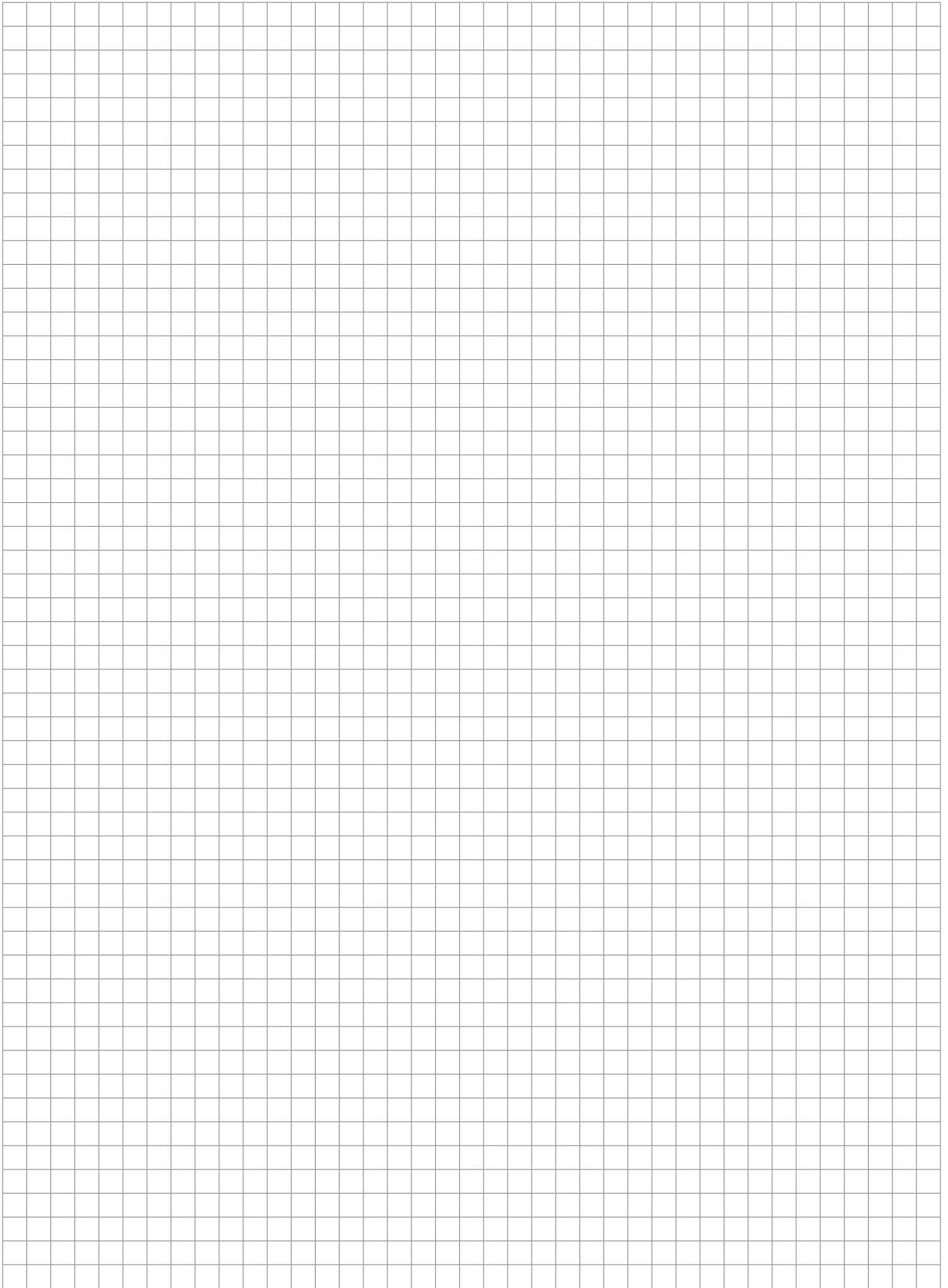
**Beta's Sales Consultants** synergistically work hand in hand with the dense network of dealers and distributors, to make their expertise and skills available. Whereas our **Technical Promoters** drive Beta's Demonstration Vans, equipped with the latest cutting-edge technology, to have the products and equipment tested and their characteristics, quality and functionality assessed.

New for 2024, **Beta's Workshop Equipment** accommodates two workshop equipment combinations from the ranges, **C45PRO 2.0** and **RSC50 2.0**, and allows you to customize your garage through a wall-mounted computer.

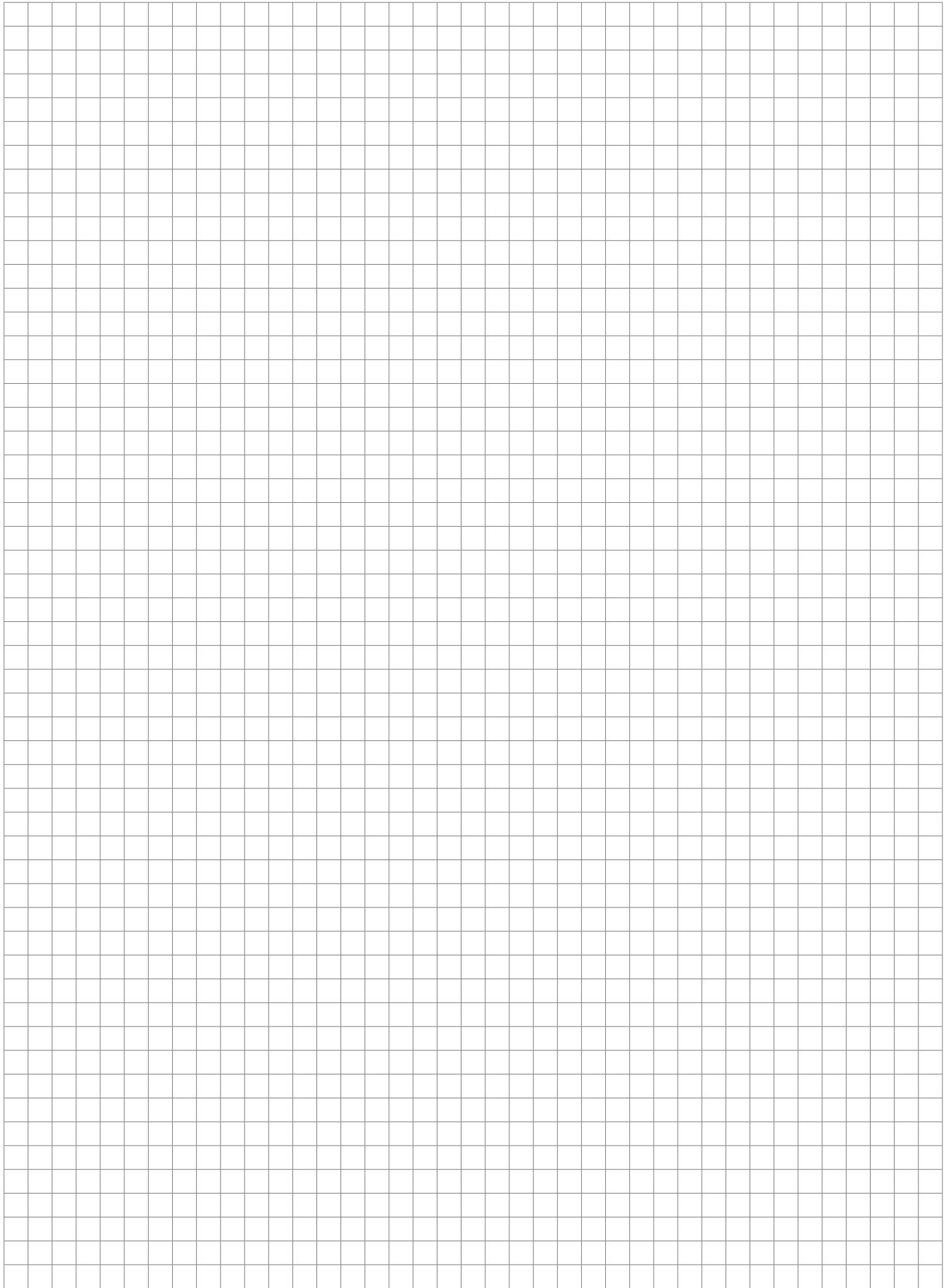


## DEMONSTRATION UNITS

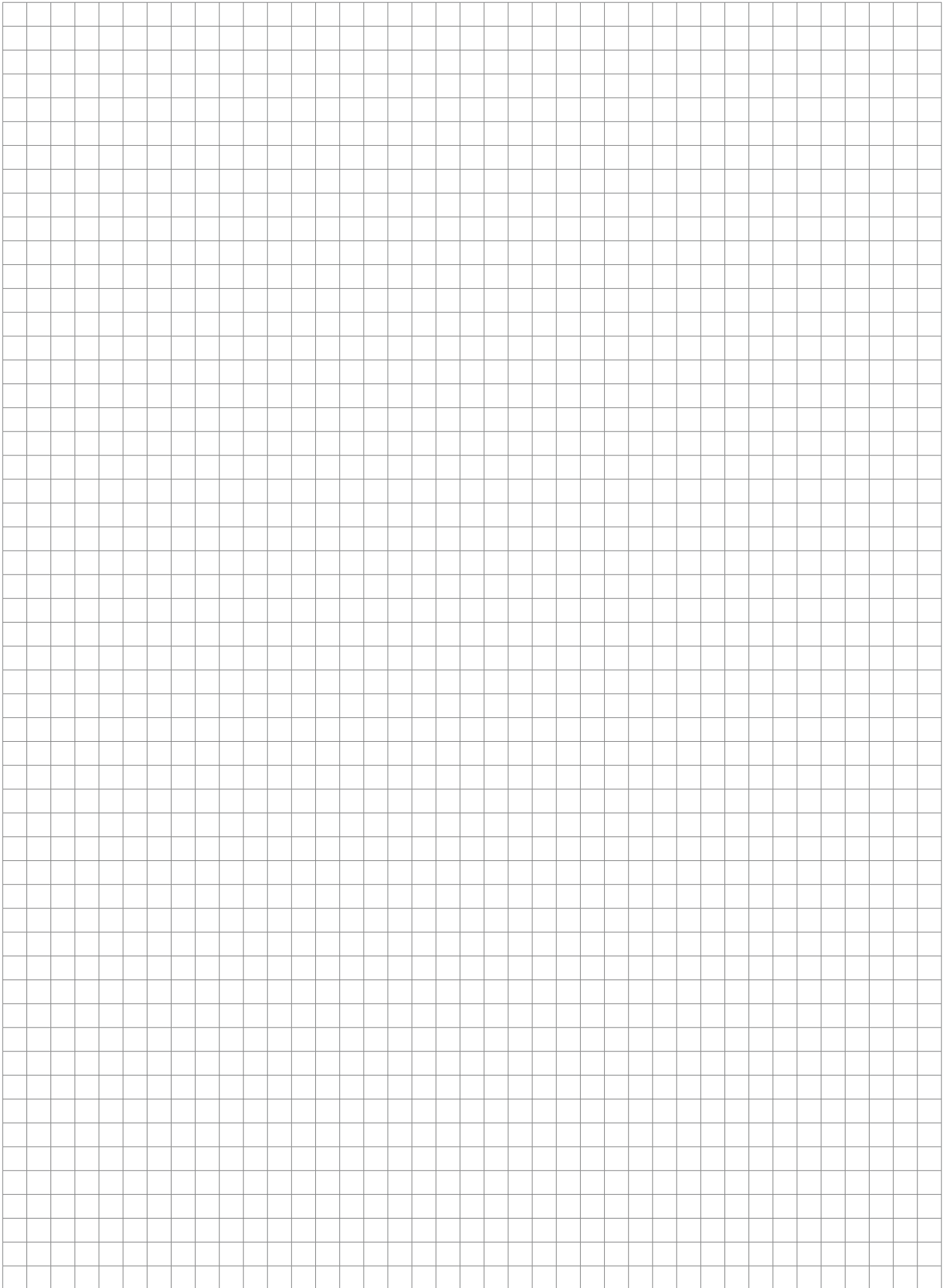






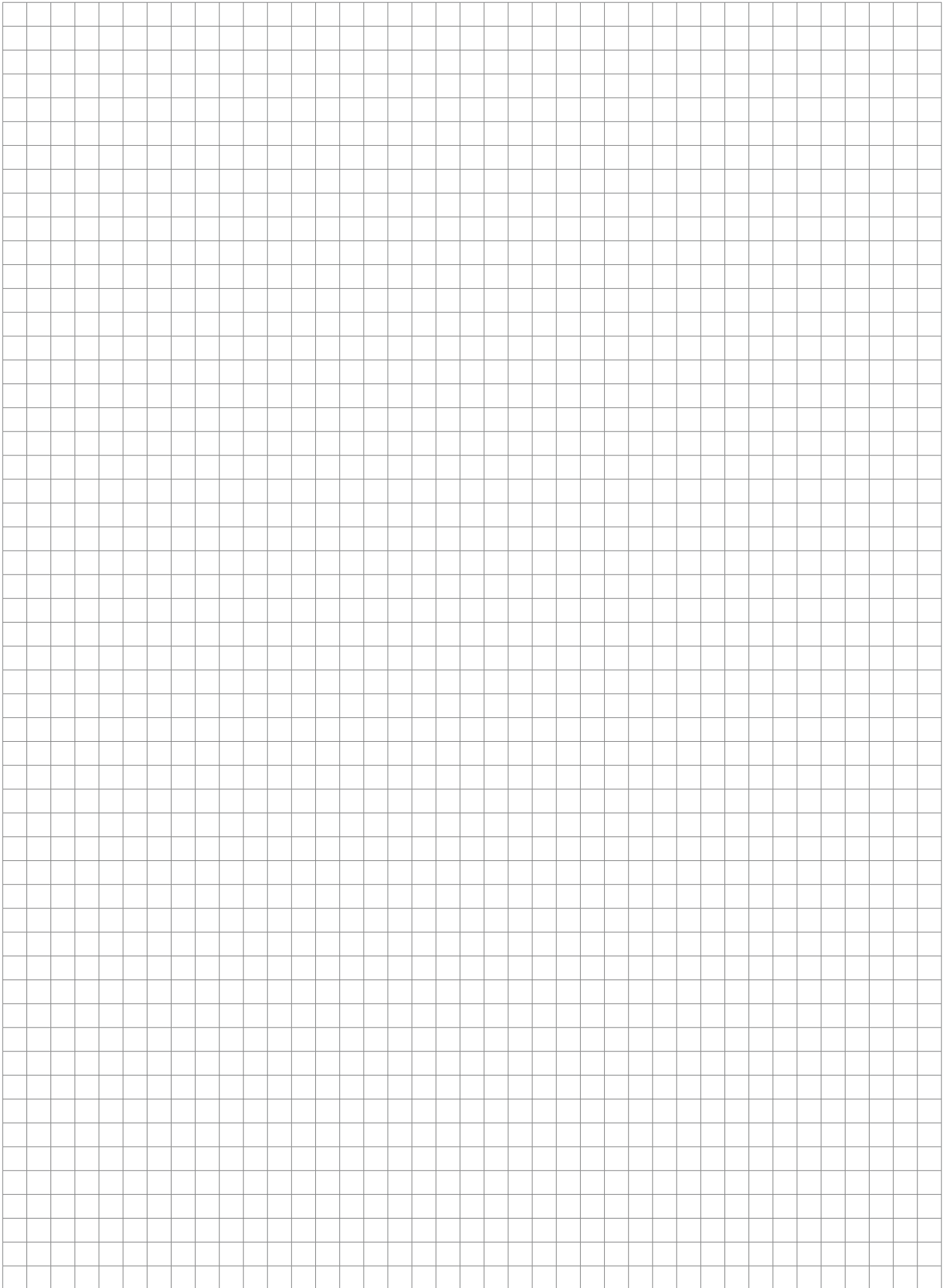














# 2024 MotoGP World Championship



Fabio  
Quartararo

# Beta

50 Years in Motorsports

PARTNERSHIP

20  
24

ALONSO LÓPEZ

FERMÍN ALDEGUER



2024 MOTO2  
WORLD CHAMPIONSHIP



Technical Partner



Official partner of  
aprilia RACING



LEOPARD RACING



Ecosantagata Althea  
Racing Team

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