



# Beta

## General programme 2013

 Robur  
 BetaWORK  
 Beta  
Collection  
 Beta  
SHOP  
in shop

EN

[www.beta-tools.com](http://www.beta-tools.com)



# BETA: THE HISTORY OF ITALIAN TOOLS

**1923** - Alessandro Ciceri founded "Alessandro Ciceri & Figli", to manufacture iron and steel casts.

**1939** - The trademark Beta was registered and the Company became involved mainly in manufacturing professional tools.

**1960** - Beta Utensili employed two hundred people, exported their products and stood out as an up-and-coming manufacturer of professional tools.

**1969** - The revolutionary orange sheet metal "Tank" trolley was developed; from that moment orange would result in a unique style for the trademark Beta.

**1971** - Beta Utensili entered the motor racing world, with a view to testing and developing their products.

**1975** - The Company scored their first Formula 1 victory with the orange **Beta Utensili March** driven by Vittorio Brambilla, who won the Austrian Grand Prix in Zeltweg, in the pouring rain.

**1980** - Beta Utensili further penetrated the main European markets, progressively establishing branches in France, Britain, Holland, Spain and Poland.

**1995** - It took the Company no more than 8 months to have their **Quality System** certified in accordance with the **ISO 9001** standards.

**2000** - launch of the new Beta Utensili catalogue testified to ongoing growth. The range of available products was doubled and the over 10,000 coded items were divided into 20 product ranges.

**2002** - Beta Utensili's range was further expanded, being supplemented with safety footwear as well as with work and free-time wear, namely the "Beta Work" range.

**2013** - Ongoing growth leading to today: a product range – distributed worldwide – which exceeds 10,000 coded items and satisfies the most demanding professionals' requirements.



**Sovico**

**Castiglione**

**Sulmona**

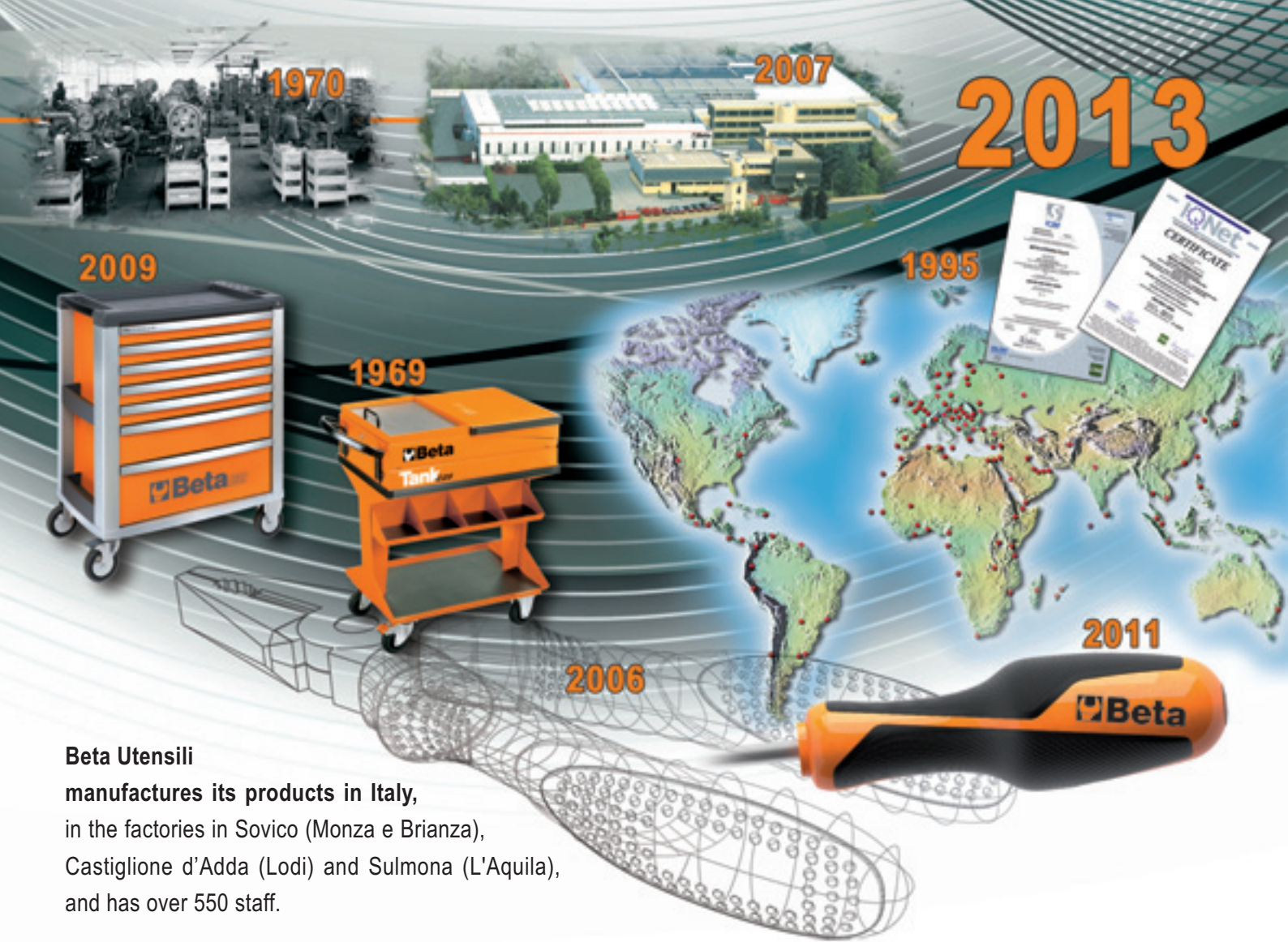
1939

1950

2012







#### Beta Utensili

manufactures its products in Italy, in the factories in Sovico (Monza e Brianza), Castiglione d'Adda (Lodi) and Sulmona (L'Aquila), and has over 550 staff.

**Beta Utensili respects the environment**, accurately selecting such materials and processes as to minimize the impact on the ecosystem.

**Beta Utensili is active worldwide**, through a high-performance logistic structure and a global distribution network which includes 7 foreign branches, in France, Britain, Holland, Spain, Poland, China and Brazil, and over 200 importers and distributors.

**Beta Utensili is synonymous with quality**, on the basis of stringent tests on their products and company processes, in accordance with the ISO9001 standards.

**Beta Utensili has been a winner for forty years.** An indissoluble link - supported by the best professionals involved in achieving outstanding results - which has long been sealed by partnerships with prestigious teams, including Ferrari, Jordan, McLaren and Minardi in Formula 1, and Honda, Suzuki, Kawasaki and Yamaha in MotoGP.

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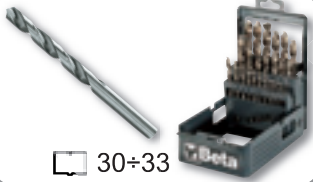


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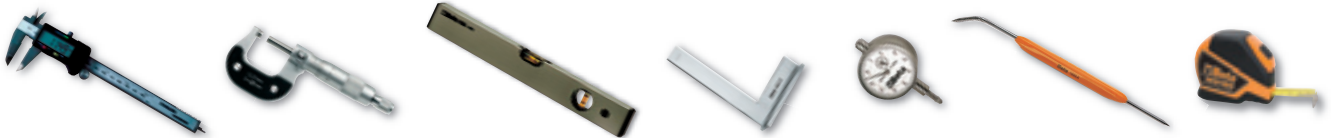


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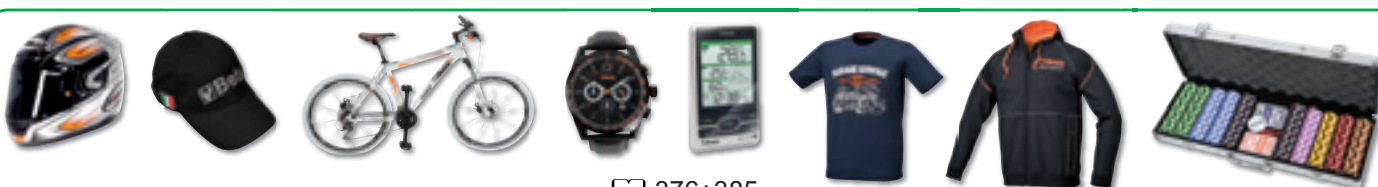
☐ 304+318

## BLISTER PACK RANGE



☐ 297+303

## BETA COLLECTION



☐ 376+385

# Key

item number

tool profile

★ item available on request

• main size

○ hexagon drive

size

n.° of tools per box

n.° of tools per set

● type of packaging

set content

**96BPA**

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

in blister pack

NEW ITEM 2013

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

**96BPA/SC9**

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

**96BPA/SCV**

1 000961974

1 000961988

code number

## Most used symbols

### ● Sets

	Example
<b>B</b> = in plastic wallet	42/B6
<b>BV</b> = empty wallet	42/BV6
<b>C</b> = in case	900/C11
<b>D</b> = in hanging pack	1293/D6
<b>S</b> = in box	42/S17
<b>SP</b> = with display	42/SP17
<b>SPV</b> = empty display	42/SPV1
<b>SC</b> = with compact support	96/SC9
<b>SCV</b> = compact support, empty	96/SCV

### Assortments

	Example
<b>AS</b> = with tools in inches	5915VU/AS
<b>E</b> = Electronics/Electrotechnics	5980ET/A
<b>I</b> = Plumbing	5980ID
<b>MT</b> = Earth-moving	5902MT
<b>U</b> = Universal	5915VU3
<b>VG</b> = Automotive	5904VG/5T
<b>VI</b> = Industry	5902VI
<b>M</b> = Motorcycle Repairs	5940M2

### Sockets

	Example
<b>A</b> = hexagon profile	910A
<b>B</b> = bi-hex profile	910B
<b>ES</b> = grooved profile	920ES
<b>FTX</b> = for TORX® screws	910FTX

## Most used symbols

	Example
<b>PT</b> = for 5-star head screws	910PT
<b>X</b> = reversible ratchet in cases	920A/C12X

### Screwdrivers and bits

	Example
<b>LP</b> = for slotted head screws	920LP
<b>PE</b> = for hexagon screws	920PE
<b>PH</b> = for cross head PHILLIPS® screws	920PH
<b>PZ</b> = for cross head POZIDRIV® - SUPADRIV® screws	1299PZ
<b>RTX</b> = for TAMPER RESISTANT TORX® screws	1298RTX
<b>SP</b> = for SPANNER screws	861SP
<b>TRW</b> = for TRI-WING® screws	861TRW
<b>TQS</b> = for TORQ-SET® screws	861TQS
<b>TX</b> = for TORX® head screws	920TX
<b>XZN</b> = for XZN® screws	920XZN

### Miscellaneous

	Example
<b>AS</b> = sizes in inches	42AS
<b>BA</b> = spark-proof tools	42BA
<b>BM</b> = bi-material handle	1150BM
<b>C</b> = empty metal container	C25
<b>L</b> = long series	952L
<b>MQ</b> = 1000V insulated tools	1150MQ
<b>MP</b> = bright finish	42MP
<b>R</b> = spare part	338R
<b>TM</b> = three-material handle	1152TM

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.





### 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



31/B6



31/SP6

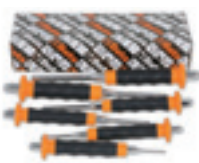
31/B6	2-3-4-5-6-8 mm	1	000310020
42/BV6		1	000420051
31/SP6	2-3-4-5-6-8 mm	1	000310030
31/SPV		1	000310031

### 31BM

pin punches with handles



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



31BM/S6	2-3-4-5-6-8 mm	1	000310421
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### 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/B6-LSE	31L: 4-5-6 mm	1	000310320
31/SE-LSE	31SE: 4-5-6 mm	1	000310022

### 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



Ø mm			
3			5 000320170

### 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



<b>38/B6</b>	1	000380006
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
<b>42/BV6</b>	1	000420051
<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

### 42

combination wrenches, open and offset ring ends



DIN 3113 UNI-ISO 7738

mm	L mm		
<b>5,5x5,5</b>	95	5	000420005
<b>6x6</b>	95	5	000420006
<b>7x7</b>	105	5	000420007
<b>8x8</b>	116	5	000420008
<b>9x9</b>	127	5	000420009
<b>10x10</b>	137	5	000420010
<b>11x11</b>	148	5	000420011
<b>12x12</b>	158	5	000420012
<b>13x13</b>	169	5	000420013
<b>14x14</b>	180	5	000420014
<b>15x15</b>	190	5	000420015
<b>16x16</b>	201	5	000420016
<b>17x17</b>	212	5	000420017
<b>18x18</b>	222	5	000420018
<b>19x19</b>	233	5	000420019
<b>20x20</b>	243	3	000420020
<b>21x21</b>	254	3	000420021
<b>22x22</b>	264	3	000420022
<b>23x23</b>	275	3	000420023
<b>24x24</b>	285	3	000420024
<b>25x25</b>	296	2	000420025
<b>26x26</b>	307	2	000420026
<b>27x27</b>	317	2	000420027
<b>28x28</b>	328	2	000420028
<b>29x29</b>	338	2	000420029
<b>30x30</b>	349	2	000420030
<b>32x32</b>	370	2	000420032
<b>34x34</b>	391	1	000420034
<b>35x35</b>	412	1	000420035
<b>36x36</b>	412	1	000420036
<b>38x38</b>	433	1	000420038
<b>41x41</b>	465	1	000420041



<b>42/B6</b>	1	000420049
6-7-8-10-11-13 mm		
<b>42/BV6</b>	1	000420051
<b>42/B9</b>	1	000420064
6-7-8-10-11-13-14-17-19 mm		
<b>42/BV9</b>	1	000420056



<b>42/S15</b>	1	000420066
6-7-8-9-10-11-12-13-14 17-19-22-24-27-30-32 mm		
<b>42/S17</b>	1	000420065
6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm		
<b>42/S26</b>	1	000420070
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		

### 42/SC9I-E

set of 9 combination wrenches, open and offset ring ends, with compact support



<b>42/SC9I</b>	1	000420087
8-10-11-12-13-14-15-17-19 mm		
<b>42/SCV9I</b>	1	000420103
<b>42/SC9E</b>	1	000420088
8-10-11-12-13-16-17-18-19 mm		
<b>42/SCV9E</b>	1	000420104



<b>42/SP17</b>	1	000420075
6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm		
<b>42/SPV1</b>	1	000420080
<b>42/SP25</b>	1	000420085
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		
<b>42/SPV2</b>	1	000420090



42/SP15

42/SPV...

<b>42/SP15</b>	1	000420078
6-7-8-9-10-11-12-13-14-15 16-17-19-22-24 mm		
<b>42/SPV7</b>	1	000420097
42: 8-10-11-13-14-17-19 mm 55: 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm		
<b>42/SPV11</b>	1	000420100
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		
<b>42/SPV15</b>	1	000420102
42: 6-7-8-9-10-11-12-13-14 15-16-17-19-22-24 mm		

**Beta**



## 42AS

combination wrenches,  
open and offset ring ends



mm	L mm		
1/4x1/4	95	2	000420106
5/16x5/16	116	2	000420108
3/8x3/8	137	2	000420110
7/16x7/16	148	2	000420111
1/2x1/2	169	2	000420113
9/16x9/16	180	2	000420114
5/8x5/8	201	2	000420116
11/16x11/16	212	2	000420117
3/4x3/4	233	2	000420119
13/16x13/16	254	2	000420121
7/8x7/8	264	2	000420122
15/16x15/16	285	2	000420124
1x1	296	2	000420125
1.1/16x1.1/16	317	2	000420127
1.1/8x1.1/8	338	2	000420129
1.1/4x1.1/4	370	2	000420132
1.5/16x1.5/16	391	1	000420133
1.3/8x1.3/8	412	1	000420135
1.7/16x1.7/16	412	1	000420136
1.1/2x1.1/2	433	1	000420138



<b>42AS/B9</b>	1	000420155
1/4-5/16-3/8-7/16-1/2		
9/16-5/8-11/16-3/4		



<b>42AS/13</b>	1	000420163
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		

## 42MP

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



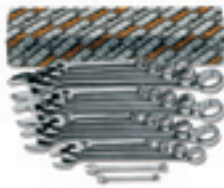
DIN 3113 UNI-ISO 7738

mm	L mm		
6x6	95	5	000420606
7x7	105	5	000420607
8x8	116	5	000420608
9x9	127	5	000420609
10x10	137	5	000420610
11x11	148	5	000420611
12x12	158	5	000420612
13x13	169	5	000420613
14x14	180	5	000420614
15x15	190	5	000420615
16x16	201	5	000420616
17x17	212	5	000420617
18x18	222	5	000420618
19x19	233	5	000420619
20x20	243	3	000420620

mm	L mm		
21x21	254	3	000420621
22x22	264	3	000420622
24x24	285	3	000420624
27x27	317	3	000420627
30x30	349	3	000420630
32x32	370	3	000420632



<b>42MP/B9</b>	1	000420651
6-7-8-10-11-13-14-17-19 mm		
<b>42/BV9</b>	1	000420056



<b>42MP/S17</b>	1	000420652
6-7-8-9-10-11-12-13-14-15		
16-17-18-19-20-21-22 mm		
<b>42MP/S21</b>	1	000420653
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	394	2	000420530
32x32	435	2	000420532



<b>42LMP/S14</b>	1	000420551
8-9-10-11-12-13-14		
15-16-17-18-19-21-22 mm		
<b>42LMP/S18</b>	1	000420552
8-9-10-11-12-13-14		
15-16-17-18-19-21-22		
24-27-30-32 mm		

## 45

combination wrenches,  
open and offset ring ends, heavy series



DIN 3113 UNI-ISO 7738

mm	L mm		
46x46	520	1	000450046
50x50	560	1	000450050
55x55	610	1	000450055
60x60	660	1	000450060
65x65	710	1	000450065
70x70	760	1	000450070
75x75	810	1	000450075
80x80	860	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

**Beta**

ISO 9001

## 53

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

## 55

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/B6</b>	6x7-8x9-10x11-12x13 14x15-16x17 mm	1	000550150
<b>55/BV6</b>		1	000550151
<b>55/B8</b>	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000550158
<b>55/BV8</b>		1	000550159
<b>55/B12</b>	6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm	1	000550162
<b>55/BV12</b>		1	000550163



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



55/SP7



55/SP13

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



## 55AS

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>	5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8	1	000550290
<b>55AS/7</b>	5/16x11/32-3/8x7/16 1/2x9/16-5/8x3/4 11/16x13/16 7/8x15/16-1.1/8x1.5/16	1	000550295
<b>55AS/11</b>	1/4x9/32-5/16x11/32 3/8x7/16-1/2x9/16 19/32x11/16-5/8x3/4 25/32x13/16-7/8x15/16 1x1.1/8-1.1/16x1.1/4 1.1/8x1.5/16	1	000550300

## 55MP

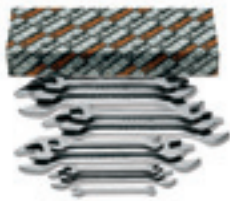
double open end wrenches,  
bright chrome-plated



UNI-ISO 10102 DIN 3110

mm	L mm		
6x7	120	2	000550603
8x9	140	2	000550606
10x11	155	2	000550609
12x13	170	2	000550612
14x15	185	2	000550615
16x17	202	2	000550618
18x19	220	2	000550621
20x22	236	2	000550624
21x23	245	2	000550627
24x26	262	1	000550630
25x28	272	1	000550633
27x29	284	1	000550636
30x32	297	1	000550639





<b>55MP/S8</b>	1	000550650
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22 mm		
<b>55MP/S13</b>	1	000550651
6x7-8x9-10x11-12x13		
14x15-16x17-18x19		
20x22-21x23-24x26		
25x28-27x29-30x32 mm		

### 58

open end slogging wrenches



DIN 133

mm	L mm	
27	180	1 000580027
30	190	1 000580030
32	190	1 000580032
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
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



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



<b>73/B13</b>	1	000730200
4-4,5-5-5,5-6-7-8-9		
10-11-12-13-14 mm		
<b>73/BV</b>	1	000730201



<b>73/S13</b>	1	000730210
4-4,5-5-5,5-6-7-8-9		
10-11-12-13-14 mm		

### 78

ring slogging wrenches



mm	L mm	
24	162	1 000780024
27	180	1 000780027
30	190	1 000780030
32	190	1 000780032
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

mm	L mm	
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 slogging wrenches



mm	L mm	
*1.1/4	197	1 000780332
*1.5/16	197	1 000780333
*1.3/8	223	1 000780335
*1.7/16	223	1 000780336
*1.1/2	223	1 000780338
*1.5/8	223	1 000780341
*1.11/16	225	1 000780343
*1.13/16	240	1 000780346
*1.7/8	250	1 000780348
*2	250	1 000780350
*2.1/16	250	1 000780352
*2.3/16	275	1 000780355
*2.3/8	270	1 000780360
*2.9/16	302	1 000780365
*2.3/4	350	1 000780370
*2.15/16	350	1 000780375
*3.1/8	354	1 000780380

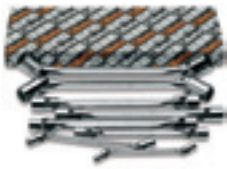
### 80

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	3 000800016
18x19	285	3 000800018
19x22	287	3 000800019
20x22	289	3 000800020
21x23	289	3 000800021
24x27	405	3 000800024
30x32	413	3 000800030





**80/S8**  
6x7-8x9-10x11-12x13-14x15  
16x17-18x19-20x22 mm

1 000800051

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

1 000800056

**90**

double ended deep offset ring wrenches



UNI 6740 DIN 838 ISO 10104

mm	L mm	Wrench Icon	Laptop Icon
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	5	000900048
20x22	285	5	000900051
21x23	305	3	000900057
22x24	305	3	000900060
24x26	325	3	000900063
24x27	325	3	000900067
25x28	340	3	000900070
27x29	355	3	000900073
27x30	355	3	000900076
27x32	375	3	000900078
30x32	375	3	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

**83**

half-moon ring wrenches



ISO 3318

mm	L mm	Wrench Icon	Laptop Icon
8x10	126	5	000830008
10x12	137	5	000830010
11x13	138	5	000830011
14x17	183	5	000830014
15x17	184	3	000830015
16x18	196	3	000830016
19x22	231	3	000830019



**83/S3**  
11x13-14x17-19x22 mm

1 000830081

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

1 000830085

**83AS**

half-moon ring wrenches



mm	L mm	Wrench Icon	Laptop Icon
7/16x1/2	138	5	000830111
9/16x5/8	183	5	000830114
3/4x7/8	230	3	000830119



**83AS/3**  
7/16x1/2-9/16x5/8  
3/4x7/8

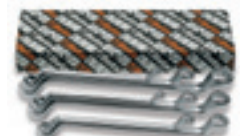
1 000830181



**90/B8**  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22 mm

1 000900154

**90/BV8** 1 000900155



**90/S8**  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22 mm

1 000900162

**90/S12** 1 000900166  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-30x32 mm

**90/S12X** 1 000900167  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x27  
25x28-30x32 mm

**90/S13** 1 000900170  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-27x29-30x32 mm



**90/SP13**  
6x7-8x9-10x11-12x13  
14x15-16x17-18x19  
20x22-21x23-24x26  
25x28-27x29-30x32 mm

1 000900174

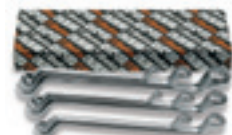
**55/SPV** 1 000550190

**90AS**

double ended deep offset ring wrenches



mm	L mm	Wrench Icon	Laptop Icon
1/4x5/16	165	2	000900203
5/16x1/32	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
5/8x11/16	250	2	000900224
5/8x3/4	265	2	000900227
11/16x3/4	265	1	000900230
11/16x13/16	265	1	000900233
3/4x7/8	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



**90AS/8**  
1/4x5/16-5/16x11/32  
3/8x7/16-1/2x9/16  
5/8x11/16-11/16x3/4  
13/16x7/8-15/16x1

1 000900298

**90AS/10** 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	315	1	000930117
19x22	315	1	000930119
19x24	360	1	000930120
21x22	315	1	000930121

## 94

flare nut open ring wrenches



DIN 3118

mm	L mm		
8x10	140	3	000940008
9x11	153	3	000940009
10x11	153	3	000940010
11x13	175	3	000940011
12x14	175	3	000940012
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	5	000950161
8x9	135	5	000950162
10x11	150	5	000950163
12x13	165	5	000950164
14x15	185	5	000950165
16x17	210	5	000950166
17x19	225	5	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	3	000950306
E10xE12	143	3	000950310
E14xE18	177	3	000950314
E20xE24	224	3	000950320



95FTX/S4	1	000950325
E6xE8-E10xE12		
E14xE18-E20xE24		



offset hexagon key wrenches  
chrome-plated



mm	L mm	L1 mm		
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
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



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



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



96/B8  
2-2,5-3-4-5-6-8-10 mm  
96/B10  
1,5-2-2,5-3-4-5-6-8-10-12 mm  
96N/BV  
1 000960651



96/SC9  
1,5-2-2,5-3-4-5-6-8-10 mm  
96/SCV  
1 000960985



96/SC12  
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm  
96/SCV12  
1 000960975

96N  
offset hexagon key wrenches,  
burnished



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



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



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



96N/B10  
1,5-2-2,5-3-4-5-6-8-10-12 mm  
96N/BV  
1 000960651



96N/SC9  
1,5-2-2,5-3-4-5-6-8-10 mm  
96N/SCV  
1 000960986



96N/SC12  
2-2,5-3-3,5-4-4,5-5-6-7-8-9-10 mm  
96N/SCV12  
1 000960976



## 96AS

offset hexagon key wrenches,  
burnished



"	L mm	L1 mm		
1/30	44	14	20	000960698
1/20	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



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

3 000960740



**96AS/G7**  
3/32-1/8-5/32  
3/16-1/4-5/16-3/8

3 000960745



**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

1 000960749

**96N/BV** 1 000960651

## 96LC

offset hexagon key wrenches,  
long series, chrome-plated



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

1 000960334

**96LC/SCV** 1 000960983



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

1 000960337

**96LC/SCV12** 1 000960977

## 96L

offset hexagon key wrenches,  
long series, burnished



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** 1 000960924  
2-2,5-3-4-5-6-8-10 mm

**96L/SCV** 1 000960987

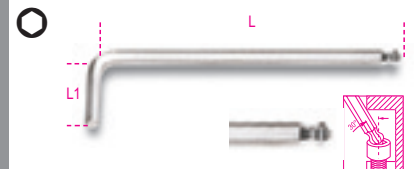


**96L/SC12** 1 000960929  
2-2,5-3-3,5-4-4,5-5  
6-7-8-9-10 mm

**96L/SCV12** 1 000960978

## 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



**96BPC/SC9** 1 000960354  
1,5-2-2,5-3-4-5-6-8-10 mm

**96BPC/SCV** 1 000960984

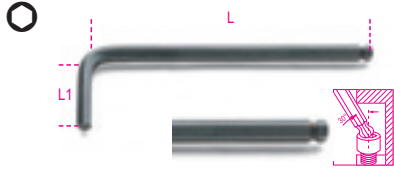
**Beta**

ISO 9001



### 96BP

ball head offset hexagon key wrenches  
burnished



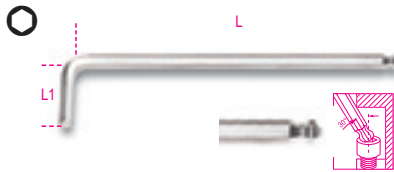
mm	L mm	L1 mm		
1,5	79	13	10	000960960
2	84	15	10	000960961
2,5	89	17	10	000960962
3	99	19	10	000960963
4	108	24	10	000960965
5	126	27	10	000960967
6	148	31	10	000960968
8	168	35	5	000960970
10	187	39	5	000960972



96BP/SC9	1	000960974
1,5-2-2,5-3-4-5-6-8-10 mm		
96BP/SCV	1	000960988

### 96LBP

ball head offset hexagon key wrenches,  
extra-long model



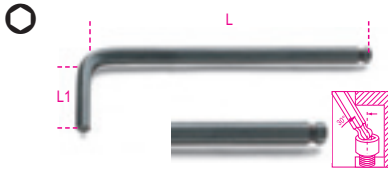
mm	L mm	L1 mm		
1,5	90	15	5	000961340
2	100	17	5	000961341
2,5	112	20	5	000961342
3	127	22	5	000961343
4	144	27	5	000961344
5	163	32	5	000961345
6	184	37	5	000961346
8	204	44	2	000961348
10	230	49	2	000961350



96LBP/SC9	1	000961354
1,5-2-2,5-3-4-5-6-8-10 mm		
96 LBP/SCV	1	000961984

### 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



96BP/AS8	1	000960997
3/32-1/8-5/32-3/16-7/32		
1/4-5/16-3/8		
96BP/ASBV	1	000960998

### 96BPA

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



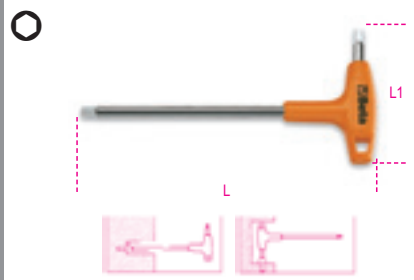
mm	L mm	L1 mm		
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970



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

### 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	220	95	5	000960941
7	236	106	5	000960942
8	255	114	5	000960943
10	285	132	5	000960945



96T/S6	1	000960952
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2-2,5-3-4-5-6 mm

96T/S11	1	000960951
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2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm



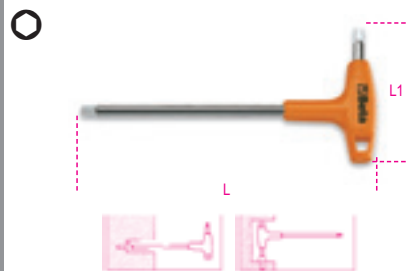
96T/SP11	1	000960957
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2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm

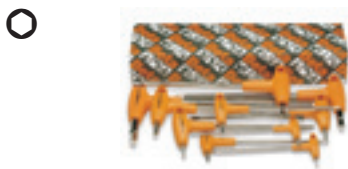
96T/SPV	1	000960958
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### 96T/AS

offset hexagon key wrenches,  
with high torque handles



"	L mm	L1 mm		
3/32	153	40	2	000960669
7/64	153	40	2	000960670
1/8	179	53	2	000960671
9/64	179	53	2	000960672
5/32	200	64	2	000960673
3/16	200	64	2	000960674
7/32	220	71	2	000960675
1/4	236	78	2	000960676
5/16	255	78	2	000960678
3/8	285	85	2	000960680

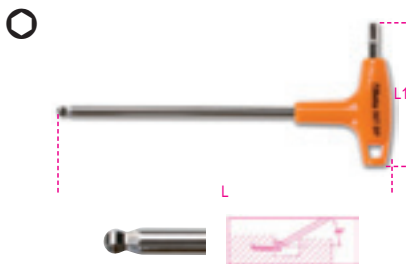


**96TAS/10**  
3/32-7/64-1/8-9/64-5/32  
3/16-7/32-1/4-5/16-3/8

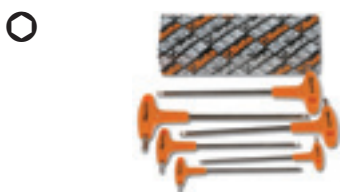
1 000960683

### 96TBP

ball head offset hexagon key wrenches  
with high torque handles



mm	L mm	L1 mm	
2,5	153	55	5 000960685
3	153	55	5 000960686
4	179	70	5 000960687
5	200	84	5 000960688
6	220	95	5 000960689
8	255	114	5 000960690



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

1 000960694

### 97TX

offset key wrenches,  
for Torx® head screws



⊙	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

3 000970640



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

3 000970645



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

1 000970368



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

1 000970064

**97TX/SCV** 1 000970985



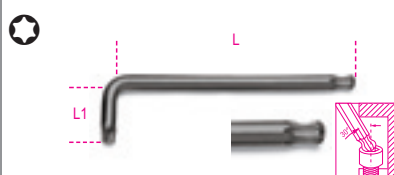
**97TX/B13**  
T6-T7-T8-T9-T10-T15-T20  
T25-T27-T30-T40-T45-T50

1 000970650

**96N/BV** 1 000960651

### 97BTX

ball head offset key wrenches,  
for Torx® head screws



⊙	L mm	L1 mm	
T9	80	16	5 000970109
T10	86	17	5 000970110
T15	90	18	5 000970115

⊙	L mm	L1 mm	
T20	95	19	5 000970120
T25	100	20	5 000970125
T27	105	21	5 000970127
T30	114	24	5 000970130
T40	124	26	5 000970140
T45	133	28	5 000970145
T50	152	32	3 000970150
T55	164	35	3 000970155



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

1 000970164

**97BTX/SCV** 1 000970983



**97BTX/B8**  
T9-T10-T15-T20-T25  
T27-T30-T40

1 000970159

**96N/BV** 1 000960651

### 97RTX

offset key wrenches  
for Tamper Resistant Torx® head screws



⊙	L mm	L1 mm	
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




**97RTX/SC8**  
T9-T10-T15-T20-T25  
T27-T30-T40

3 000970263

**97RTX/SCV** 1 000970984









**97RTX/B8**  
T9-T10-T15-T20-T25  
T27-T30-T40

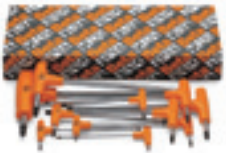
1 000970260

**96N/BV** 1 000960651

**97TTX**  
offset key wrenches with handles  
for Torx® head screws





	L mm	L1 mm		
T6	130	52	5	000970706
T7	130	52	5	000970707
T8	139	52	5	000970708
T9	139	52	5	000970709
T10	153	55	5	000970710
T15	153	55	5	000970715
T20	179	70	5	000970720
T25	179	70	5	000970725
T27	200	84	5	000970727
T30	200	84	5	000970730
T40	220	95	5	000970740
T45	236	106	3	000970745
T50	255	114	3	000970750



**97TTX/S13**  
T6-T7-T8-T9-T10-T15-T20-T25  
T27-T30-T40-T45-T50

1 000970813




**97TTX/SP11**  
T8-T9-T10-T15-T20-T25  
T27-T30-T40-T45-T50

1 000970840

**96T/SPV** 1 000960958

**98XZN**

offset key wrenches with XZN® profile



	L mm	L1 mm		
M5	72	25	5	000980005
M6	80	28	5	000980006
M8	90	32	5	000980008
M10	100	36	5	000980010
M12	112	40	5	000980012
M14	125	45	5	000980014
M16	140	55	5	000980016




**98XZN/B5**  
M5-M6-M8-M10-M12

1 000980650

**96N/BV** 1 000960651

**99**  
hook wrenches with square noses,  
for ring nuts UNI/ISO 2982, 2983




UNI 6752

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

**99SQ**


hook wrenches with square noses  
for ring nuts



mm	B mm		
15-35	2,7	2	000990215
35-50	3,5	2	000990235
50-80	4,7	2	000990250
80-120	6,2	2	000990280
120-180	7,8	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

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

**100**


round pin wrench for ring nuts  
with front holes



Ø1 mm	L mm	Ø min-max mm		
4,9-5,9	250	18÷100	1	001000001
6,9-7,9				

**100/KIT**

spare pins for item 100




100/KIT 1 001000010

**111**

adjustable wrenches with scales, chrome-plated

- Right-hand rotation of pin
- With mm and inch scale



DIN 3117 ISO 6787

L mm	A max mm		
100	15	5	001110010
150	24	5	001110015
200	28	5	001110020
250	34	5	001110025
300	35	3	001110030
380	45	3	001110038
450	54	2	001110045
600	62	1	001110060



## 111N

adjustable wrenches with scales, phosphatized

- Left-hand rotation of pin
- With mm and inch scale



DIN 3117 ISO 6787

L mm	A max mm		
100	15	5	001110210
150	24	5	001110215
200	28	5	001110220
250	34	5	001110225
300	35	3	001110230
380	45	3	001110238
450	54	2	001110245

## 111G

adjustable wrenches with scales chrome-plated, bimaterial handles

- Right-hand rotation of pin
- Mm and inch scale
- Ergonomic handle



L mm	A max mm		
200	28	3	001110620
250	34	3	001110625
300	35	2	001110630

## 120

ratchet opening single ended bi-hex wrenches



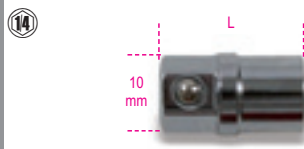
mm	L mm		
10	135	2	001200010
11	135	2	001200011
12	135	2	001200012
13	135	2	001200013
14	135	2	001200014
17	185	2	001200017
19	185	2	001200019
22	230	1	001200022
24	230	1	001200024
27	230	1	001200027
30	320	1	001200030
32	320	1	001200032



120/B6	1	001200050
10-11-13		
17-19-22 mm		
120/BV	1	001200051

## 123E1/4

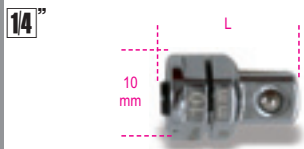
bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	20,6	1	001230010

## 123Q1/4

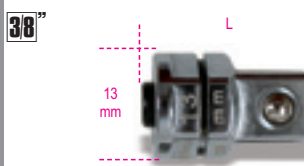
quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	17,5	1	001230310

## 123Q3/8

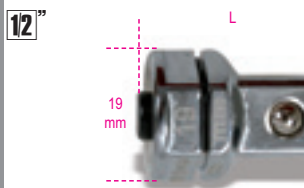
quick release adaptor, 3/8", for 13 mm ratcheting wrenches



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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## 142

reversible ratcheting combination wrenches



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



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



142/S15	1	001420074
6-7-8-9-10-11-12-13		
14-15-16-17-18-19-22 mm		
142/S19	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



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



## 142AS

reversible ratcheting  
combination wrenches



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



142AS/8  
5/16-3/8-7/16-1/2  
9/16-5/8-11/16-3/4



## 142C

ratcheting combination wrenches,  
straight short series



"	L mm		
8x8	88	3	001420108
9x9	96	3	001420109
10x10	96	3	001420110
11x11	100	3	001420111
12x12	104	3	001420112
13x13	108	3	001420113
14x14	114	3	001420114
15x15	118	3	001420115
16x16	122	3	001420116
17x17	128	3	001420117
18x18	132	3	001420118
19x19	138	3	001420119



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



## 142SN

swivel end ratcheting  
combination wrenches



"	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	2	001420222
24x24	325	2	001420224



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



## 188

ratcheting flat bi-hex ring wrenches  
for free alternator pulleys



"	L mm		
10	240	2	001880010
15	322	2	001880015

## 192

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



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



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



## 194

reversible ratcheting wrench  
for bits



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

## 195

ratcheting double-ended flat bi-hex ring  
wrenches



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



195/B5  
8x10-12x13-14x15  
16x18-17x19 mm



195/BV5  
1 001950070

## 195P

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



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



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



195P/BV5  
1 001950070

 **Beta**

 **Beta**

### 195FTX

ratcheting double-ended flat bi-hex ring wrenches with Torx® head



	L mm		
E6xE8	128	2	001950406
E10xE12	170	2	001950410
E14xE18	190	2	001950414
E20xE24	230	2	001950420



195FTX/B4	1	001950501
E6xE8-E10xE12		
E14xE18-E20xE24		
195FTX/BV4	1	001950520

### 310

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

CE



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

	Ø mm		
310/1	16÷50	1	003100001
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/C4

polywelder with assortment of 3 forms



310/C4	1	003100104
310/1+310B: Ø 20-25-32		
410x260x82 mm - 4,8 kg		

### 310/C8

polywelder with assortment of 7 forms

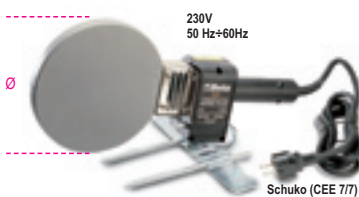


310/C8	1	003100108
310/2+310B: Ø 16-20-25 32-40-50-63		
440x270x120 mm - 7,7 kg		

### 311

heating plates for manual straight and slanted welding of PE, PP, PVC and PVDF pipes

CE



230V  
50 Hz+60Hz  
Schuko (CEE 7/7)

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

### 312A

gas welding handle



	Ø	L mm		
M18x1		210	2	003120001

### 312B

gas welding handle with quick valve control lever



	Ø	L mm		
M18x1		210	2	003120005

### 312F

fork burners



	A mm	L mm	kJ/h		
312F/40	40	240	24611	2	003120012

### 312G

kit with copper bit, wind guard and burner 22 mm in diameter



	L mm	kJ/h		
312G	180	9543	2	003120041

### 312G/RM

spare bits for item 312G



312G/RM	2	003120046
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### 312G/RC

spare wind guard for item 312G



312G/RC	2	003120047
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**Beta**



### 312BR

brass burners



Ø mm	L mm	kJ/h		
10	120	1306	2	003120051
15	160	7534	2	003120053
17	160	9041	2	003120055
20	200	25113	2	003120057

### 312BR/A

steel burners



Ø mm	L mm	kJ/h		
45	90	46208	2	003120145
60	110	175791	2	003120160
90	140	190859	2	003120190

### 312PC

curved extension bars



	L mm		
312PC/20	160	2	003120220
312PC/35	350	2	003120235
312PC/60	600	2	003120260
312PC/75	750	2	003120275

### 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		
330R/A2	32	1	003300012
330R/A4	42	1	003300014

### 330R/I

spare cutter wheel for item 330 for stainless steel pipes



	Ø mm		
330R/I	32	1	003300024

### 331L

ratcheting pipe cutter for copper and light alloy pipes



	Ø mm - "	L mm		
8÷29	180	1	003310008	
5/16"÷1"1/8				

### 332

mini pipe cutter for copper and light alloy pipes



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

### 334

pipe cutter for copper and light alloy pipes



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

### 334R

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



	Ø mm		
334R	18,5	1	003340021

### 334R/I

spare cutter wheel for items 332 and 334 for stainless steel pipes



	Ø mm		
334R/I	18,5	1	003340023

### 336

telescopic pipe cutter for copper and light alloy pipes



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



**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 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			
338R/I 23,5		1	003380023

**338RP**

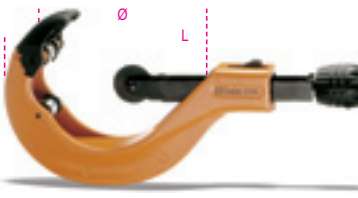
spare cutter wheel for items 336  
and 338 for plastic pipes



Ø mm			
338RP 23,5		1	003380025

**339A**

telescopic pipe cutter, fast advance  
for plastic pipes



Ø mm - "	L mm		
50÷127 2"÷5"	345	1	003390011

**339A/R**

spare cutter wheels for item 339A



Ø mm			
339A/R 42		1	003390061

**341**

pipe cutting pliers for plastic pipes



Ø mm	L mm		
341 0÷25	190	1	003410001

**341RL**

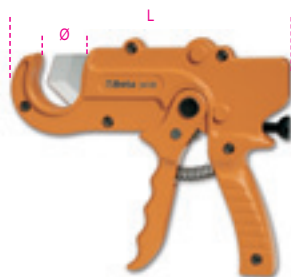
spare blade for item 341



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 mm - "	L mm		
342 0÷42 1"5/8	200	1	003420030

**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 mm - "	L mm		
342A 0÷50 2"	270	1	003420101

**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 mm - "	L mm	
0+50 2"	260	1 003420121

### 342P/RL

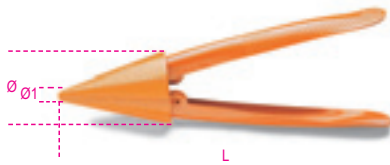
spare blade for item 342P



342P/RL	1 003420130
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### 344

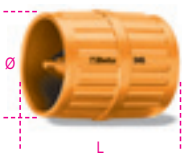
tube flaring pliers for lead pipes



L mm	Ø mm	Ø1 mm	
240	53	11	1 003440001

### 345

pipe reamer metal body



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

### 345U

pipe reamer for stainless steel, steel, copper and light alloys



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

### 345SB

deburrer with revolving replacement blade



L mm	
150	5 003450010

### 345SB/R

spare blade for item 345SB



345SB/R	3 003450015
---------	-------------

### 349

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



Ø mm - "	
6-8-10-12-14-15-16-18 (1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4)	1 003490001
270x200x50 mm - 2,7 kg	

### 349/SMM

metric slide for item 349



Ø mm	
6-8-10-12-14-15-16-18	1 003490011

### 349/SMAS

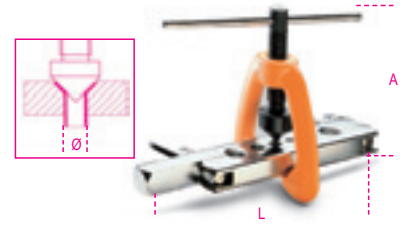
inch slide for item 349



Ø "	
1/8-3/16-1/4-5/16 3/8-1/2-5/8-3/4	1 003490012

### 350

tube flaring tool for copper and light alloy pipes



Ø mm	L mm	A mm	
4-4,75-6-8 10-12-14	175	104	1 003500001

### 351C

pipe cutter and tube flaring tool



351C	1 003510010
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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

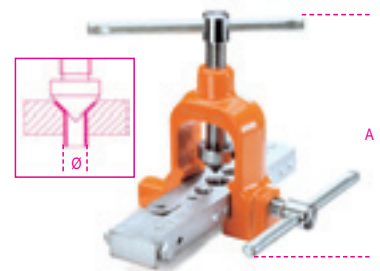
inserts for tube flaring tool item 350



	Ø mm	
351P4	4	5 003510101
351P4,75	4,75	5 003510102
351P6	6	5 003510103
351P8	8	5 003510104
351P10	10	5 003510105
351P12	12	5 003510106
351P14	14	5 003510107

### 352

tube flaring tool for copper and light alloy pipes



Ø mm	A mm	
4,75-5-6-8-10-12-14	124	1 003520001

### 352C

pipe cutter and tube flaring tool



352C 1 003520010

334	Ø 3+30 mm (1/8"+1"1/8)
352	Ø 4,75+14 mm
352P	Ø 4,75x0,7-5x0,7-6x0,7-8x0,7-10x0,7 mm Ø 4,75x1-5x1-6x1-8x1-10x1 mm
352PR	

418x160x59 mm - 3,3 kg

### 352PR

compressor for tube flaring tool item 352



352PR 5 003520050

### 352P

inserts for tube flaring tool item 352



	ØxS mm	
352P1/0,7	4,75x0,7	5 003520051
352P2/0,7	5x0,7	5 003520052
352P3/0,7	6x0,7	5 003520053
352P4/0,7	8x0,7	5 003520054
352P5/0,7	10x0,7	5 003520055
352P1/1	4,75x1,0	5 003520056
352P2/1	5x1,0	5 003520057
352P3/1	6x1,0	5 003520058
352P4/1	8x1,0	5 003520059
352P5/1	10x1,0	5 003520060

### 352U

adjustable tube flaring tool for copper and light alloy pipes



Ø mm - "	A mm	
5÷16	130	1 003520101
3/16÷5/8		

### 352C/U

pipe cutter, deburrer and adjustable tube flaring tool



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

### 353N

tube expanding pliers, with interchangeable forms



L  
mm  
380 1 003530201

### 353NM

forms for tube expanding pliers item 353N



Ø mm	
10	1 003530210
12	1 003530212
14	1 003530214
16	1 003530216
18	1 003530218
22	1 003530222

### 353N/C6

tube expanding pliers item 353N with forms item 353NM



353N/C6 1 003530300

353N	
353NM	Ø 10-12-14-16-18-22 mm
420x185x60 mm - 2,2 kg	

### 355

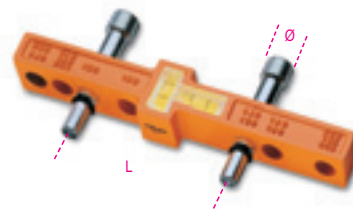
combination spud wrench, five steps



Ø "	L mm	
3/8"-1/2"	90	2 003550001
3/4"-1"		

### 357

adjustable spirit level with two vials



Ø "	L mm	
1/2"	120÷220	1 003570001

### 358

tools for chamfering plastic pipes



	Ø mm	
358/1	16÷110	1 003580001
358/2	40÷250	1 003580002

### 358RL

spare blade for items 358/1 and 358/2



358RL 1 003580011



**359**

universal drain wrench



Ø "	L mm	A mm	
1"÷1"1/4	160	140	1 003590001

**359CH**

drain adaptor, cross-shape for item 359



Ø "	L mm	
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 with jaws + ring nuts for item 360

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

**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

**362R/...**

spare parts kit for item 362

362R/200	1 003620220
362R/250	1 003620225
362R/300	1 003620230
362R/350	1 003620235
362R/450	1 003620245
362R/600	1 003620260

**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

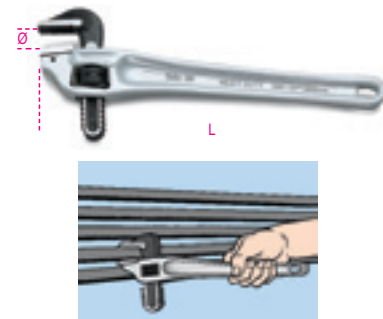
**363R/...**

spare parts kit for item 363

363R/350	1 003630235
363R/450	1 003630245
363R/600	1 003630260
363R/900	1 003630290

**365**

heavy duty pipe wrenches, offset pattern made from light alloy



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

**365R/...**

full spare parts kit for item 365

365R/350	1 003650235
365R/450	1 003650245

**366**

pipe wrenches, light pattern



L mm	Ø max "	Ø 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
350	3" gas	90	1 003660035

**374**

pipe wrenches, Swedish pattern, 45° slim jaws



L mm	Ø max "	Ø 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



L mm	Ø max "	Ø 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



L mm	Ø max "	Ø 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



L mm	Ø max "	Ø 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/...

full spare parts kit for items 374 - 375 - 376 - 378

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

### 383

reversible strip pipe wrenches



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

### 383R

spare strips for item 383



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

### 384

reversible chain pipe wrench



Ø max "	Ø 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



	Ø max	L mm		
386A/3	4" gas 115 mm	900	1	003860003
386A/4	6" gas 168 mm	900	1	003860004
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



386A/3/RC	1	003860013
386A/4/RC	1	003860014
386A/5/RC	1	003860015
386A/6/RC	1	003860016

### 388

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



Ø mm	L mm		
6	305	1	003880006
8	315	1	003880008
10	350	1	003880010
12	360	1	003880012
14	455	1	003880014
15	465	1	003880015
16	465	1	003880016

### 388A

pipe bending pliers for thin walled copper and light alloy pipes



	Ø	L mm		
388A/1	6-8-10 mm	220	1	003880051
388A/2	1/4"-5/16"-3/8"	220	1	003880055

### 388C/C8

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



	Ø mm		
388C/C8	10-12-14-16 18-20-22	1	003880200

400x330x110 mm - 3,6 kg

### 392A

adjustable drain tap pliers



Ø mm	L mm		
14+62	235	1	003920001

### 392A/RG

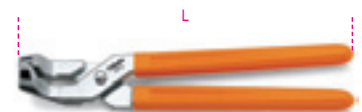
spare jaw protectors for item 392A



392A/RG	1	003920051
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### 393

water tap wrench



L mm		
270	2	003930001

### 395

hinged water tap wrench



Ø	L mm		
15+32 mm 5/8"+1"1/4	240	2	003950001

### 395T

telescopic hinged water tap wrench



Ø	L	Weight	Code
mm	mm	kg	
10÷32 mm	250÷430	2	003950100
3/8"÷1 1/4"			

### 399

pivoting clamp vices



Ø	L min	Weight	Code
mm	mm	kg	
10÷60 mm	220	1	003990005
1/8÷2"			
10÷89 mm	290	1	003990010
1/8÷3"			

### 410

twist drills with cylindrical shanks, short series HSS, rolled



DIN 338 ISO 235

Ø	L	L1	Weight	Code
mm	mm	mm	kg	
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

Ø	L	L1	Weight	Code
mm	mm	mm	kg	
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	186	125	3	004100262
18,00	194	130	3	004100266
19,00	202	135	3	004100270
20,00	210	140	3	004100274



Code	Description	Weight	Code
410/SP19	Ø 1÷10 x 0,5 mm	1	004100419
410/SPV1		1	004100420
410/SP25		1	004100425
410/SPV2	Ø 1÷13 x 0,5 mm	1	004100426



Code	Description	Weight	Code
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



Code	Description	Weight	Code
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



Ø	L	L1	Weight	Code
mm	mm	mm	kg	
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	186	125	3	004100292
17,00	186	125	3	004100293
17,50	194	130	3	004100294
18,00	194	130	3	004100295
18,50	202	135	3	004100296
19,00	202	135	3	004100297
19,50	210	140	3	004100298
20,00	210	140	3	004100299

### 410AS

twist drills with cylindrical shanks, short series HSS, rolled



Ø	L	L1	Weight	Code
"	mm	mm	kg	
1/16	48	22	10	004100371
5/64	51	25	10	004100372
3/32	57	32	10	004100373
7/64	67	38	10	004100374
1/8	70	41	10	004100375
9/64	73	44	10	004100376
5/32	79	51	10	004100377
11/64	83	54	10	004100378
3/16	89	59	10	004100379
13/64	92	62	10	004100380
7/32	95	64	10	004100381
15/64	98	67	10	004100382
1/4	102	70	10	004100383
17/64	105	73	10	004100384
9/32	108	75	10	004100385



Ø "	L mm	L1 mm		
19/64	111	78	10	004100386
5/16	114	81	10	004100387
21/64	117	84	10	004100388
11/32	121	87	5	004100389
23/64	124	89	5	004100390
3/8	127	92	5	004100391



<b>410AS/SP21</b>	1	004100429
Ø 1/16-5/64-3/32-7/64 1/8-9/64-5/32-11/64-3/16 13/64-7/32-15/64-1/4 17/64-9/32-19/64-5/16 21/64-11/32-23/64-3/8		
<b>410AS/SPV1</b>	1	004100430



<b>410AS/SEL21</b>	1	004100433
Ø 1/16-5/64-3/32-7/64 1/8-9/64-5/32-11/64-3/16 13/64-7/32-15/64-1/4 17/64-9/32-19/64-5/16 21/64-11/32-23/64-3/8		

### 412

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



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

Ø mm	L mm	L1 mm		
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	94	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



<b>412/SP19</b>	1	004120419
Ø 1÷10 x 0,5 mm		
<b>412/SPV1</b>	1	004120420
<b>412/SP25</b>	1	004120425
Ø 1÷13 x 0,5 mm		
<b>412/SPV2</b>	1	004120426
<b>412/SP49</b>	1	004120449
Ø 1÷13 x 0,25 mm		
<b>412/SPV4</b>	1	004120451

### 412/C150



<b>412/C150</b>	1	004120450
n.		
412	Ø 3 mm	20
	Ø 1 - 1,5 - 2 - 2,5 - 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		



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

### 412A

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



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	186	125	1	004120213
17,00	186	125	1	004120214
17,50	194	130	1	004120215
18,00	194	130	1	004120216
18,50	202	135	1	004120217
19,00	202	135	1	004120218
19,50	210	140	1	004120219
20,00	210	140	1	004120220

### 412L

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



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



## 414

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



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



<b>414/SP19</b> Ø 1÷10 x 0,5 mm	1	004140419
<b>414/SPV1</b>	1	004140420
<b>414/SP25</b> Ø 1÷13 x 0,5 mm	1	004140425
<b>414/SPV2</b>	1	004140426
<b>414/SP49</b> Ø 1÷13 x 0,25 mm	1	004140429
<b>414/SPV4</b>	1	004140430

## 414/C116



**414/C116** 1 004140450

<b>414</b>	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



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
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

Ø mm	L mm	L1 mm		
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



<b>415/SP19</b> Ø 1÷10 x 0,5 mm	1	004150419
<b>415/SPV1</b>	1	004150420
<b>415/SP25</b> Ø 1÷13 x 0,5 mm	1	004150425
<b>415/SPV2</b>	1	004150426
<b>415/SP49</b> Ø 1÷13 x 0,25 mm	1	004150431
<b>415/SPV4</b>	1	004150432

## 415/C116



**415/C116** 1 004150450

<b>415</b>	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



<b>415/SP19</b> Ø 1÷10 x 0,10 mm	1	004150460
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## 416

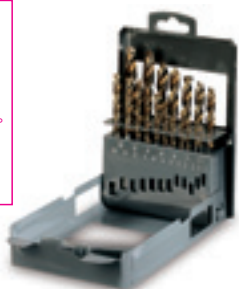
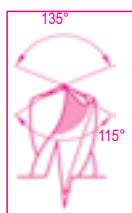
drill with cylindrical shank, specially ground, with two cutter pairs



**HIGHER CUTTING CAPACITY**

DIN 338

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

## 417

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



DIN 8039

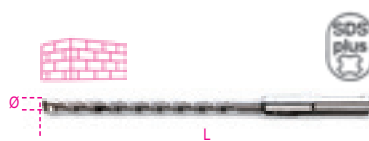
Ø mm	L mm		
3	70	10	004170003
4	75	10	004170004
5	85	10	004170005
5L	150	5	004170105
6	100	10	004170007
6L	150	5	004170106
7	120	10	004170009
8	120	10	004170010
8L	200	5	004170113
9	120	10	004170011
10	120	10	004170012
10L	200	5	004170120
12	150	10	004170014
12L	200	5	004170125
14	150	5	004170016
16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



**417/SP8**  
Ø 3-4-5-6-8-9-10-12 mm

## 419

hammer drill bits with milled shanks and hard metal plates



DIN 8039

ØxL mm		
4x110	10	004190002
5x110	10	004190004
5x160	10	004190006
6x110	10	004190012
6x160	10	004190014
6x210	10	004190016
7x160	10	004190028
8x110	10	004190030
8x160	10	004190032
8x210	10	004190034
8x260	10	004190036
8x460	10	004190042
9x160	5	004190044
10x160	5	004190050
10x210	5	004190052
10x260	5	004190054
10x310	5	004190056
10x460	5	004190060
12x160	5	004190064
12x210	5	004190066
12x260	5	004190068
12x460	5	004190074
14x160	3	004190086
14x260	3	004190090
14x310	3	004190092
14x460	3	004190096
16x210	3	004190112
16x250	3	004190114
16x300	3	004190116
16x450	3	004190120
18x250	1	004190124
20x310	1	004190128

## 423

special end mills for welding HSS ground



Ø mm	L mm		
6	66	10	004230006
7	74	10	004230007
8	79	10	004230008
10	89	10	004230010

## 423A

special mills for spot welding, HSS ground

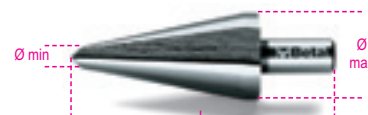


DIN 1412/E

Ø mm	L mm		
6,5	40	1	004230015
8,0	40	1	004230020

## 424

conical drill bits, HSS



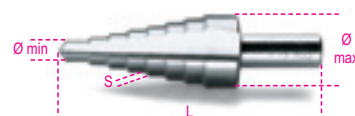
	L mm	Ø mm		
424/1	58	3÷14	3	004240001
424/2	63	6÷20	3	004240002
424/3	60	16÷30	3	004240003
424/4	80	3÷22	1	004240004
424/5	102	3÷31	1	004240005
424/6	86	26÷40	1	004240006
424/7	89	36÷50	1	004240007
424/8	90	40÷61	1	004240008



**424/SP3**  
424/1+424/2+424/3  
Ø 3÷30 mm  
**424/SPV**

## 425

stepped drills, HSS



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



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

## 426

countersinking cutters  
with three cutters, HSS



DIN 335-C

GR	Ø mm	L mm		
1	4,3	44	5	004260001
2	5,3	44	5	004260002
3	6,3	44	5	004260003
4	7,3	44	5	004260004
5	8,3	50	5	004260005
6	9,4	50	5	004260006
7	10,4	54	5	004260007
8	12,4	54	5	004260008
9	15,0	56	5	004260009
10	16,5	60	5	004260010
11	20,5	63	5	004260011
12	25,0	66	5	004260012
13	28,0	71	5	004260013
14	31,0	71	5	004260014



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

## 426SB

countersinking cutters, HSS



	L mm	Ø1 mm		
<b>426/SB1</b>	45	10 - (2÷5)	1	004260101
<b>426/SB2</b>	48	14 - (5÷10)	1	004260102
<b>426/SB3</b>	65	21 - (10÷15)	1	004260103
<b>426/SB4</b>	85	28 - (15÷20)	1	004260104
<b>426/SB5</b>	102	35 - (20÷25)	1	004260105
<b>426/SB6</b>	115	44 - (25÷30)	1	004260106



<b>426SB/SP4</b>	1	004260130
426/SB1-426/SB2		
426/SB3-426/SB4		
Ø 2÷20 mm		
<b>426SB/SPV1</b>	1	004260135

## 426MD

rotary files, made from hard metal

cross cut HM4



	L mm	Ø mm		
<b>426MD/CP8</b>	63	8	1	004260512
<b>426MD/CP12</b>	70	12	1	004260522
<b>426MD/CT8</b>	63	8	1	004260513
<b>426MD/CT12</b>	70	12	1	004260523
<b>426MD/F8</b>	63	8	1	004260514
<b>426MD/F12</b>	70	12	1	004260524
<b>426MD/T8</b>	63	8	1	004260516
<b>426MD/T12</b>	70	12	1	004260526
<b>426MD/S8</b>	52	8	1	004260518
<b>426MD/S12</b>	55	12	1	004260528
<b>426MD/FA8</b>	63	8	1	004260519
<b>426MD/FA12</b>	70	12	1	004260529



<b>426MD/SP10</b>	1	004260510
426MD/CP-426MD/CT-426MD/F		
426MD/T-426MD/S		
ø 8-12 mm		

## 427

morse taper extractors



DIN 317

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

## 428FP

machine taps for clearance holes,  
coarse pitch threads, HSS



ISO 529

M	■ mm	L mm	L1 mm		
<b>3x0,5</b>	2,7	56	11	10	004280003
<b>4x0,7</b>	3,4	63	13	10	004280004
<b>5x0,8</b>	4,9	70	16	10	004280005
<b>6x1</b>	4,9	80	19	10	004280006
<b>8x1,25</b>	6,2	90	22	10	004280008
<b>10x1,5</b>	8,0	100	24	10	004280010
<b>12x1,75</b>	7,0	110	29	5	004280012
<b>14x2</b>	9,0	110	30	5	004280014
<b>16x2</b>	9,0	110	30	5	004280016
<b>18x2,5</b>	11,0	125	34	3	004280018
<b>20x2,5</b>	12,0	140	34	3	004280020
<b>22x2,5</b>	14,5	140	34	3	004280022
<b>24x3</b>	14,5	160	38	3	004280024

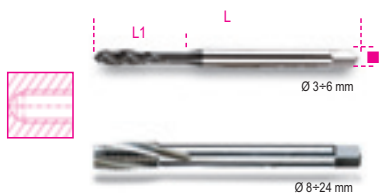
**Beta**





## 428FC

machine taps for blind holes,  
coarse pitch threads, HSS



ISO 529

M	mm	L mm	L1 mm		
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	29	5	004280112
14x2	9,0	110	30	5	004280114
16x2	9,0	110	30	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

## 428/C14

assortment of 14 machine taps  
items 428FP + 428FC



428/C14		1	004280201
428FP M3÷12			
428FC M3÷12			
428/SPV		1	004280202

## 429FP

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



ISO 529

M	mm	L mm	L1 mm		
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	29	5	004290012
14x2	9,0	110	30	5	004290014

## 429FC

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



ISO 543

M	mm	L mm	L1 mm		
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	6,2	90	22	5	004290108
10x1,5	8,0	100	24	5	004290110
12x1,75	7,0	110	29	5	004290112
14x2	9,0	110	30	5	004290114

## 429/C14

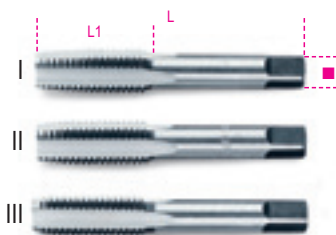
assortment of 14 machine taps  
items 429FP + 429FC



429/C14		1	004290201
429FP M3÷12			
429FC M3÷12			
428/SPV		1	004280202

## 430

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



ISO 543

M	mm	L mm	L1 mm		
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

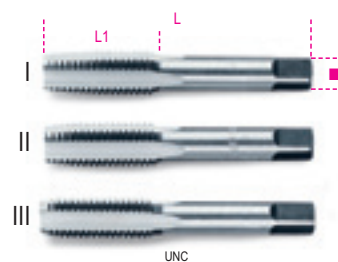


DIN 352

BSW	mm	L mm	L1 mm		
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 mm	L1 mm		
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

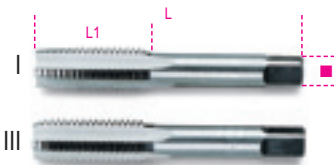
M	mm	L	L1		
3x0,5	2,5	40	12	5	004310003
4x0,7	3,0	45	14	5	004310004
5x0,8	4,0	48	16	5	004310005
6x1	5,0	50	18	5	004310006
7x1	5,0	50	18	5	004310007
8x1,25	5,0	56	22	3	004310008
10x1,5	6,0	70	25	3	004310010
12x1,75	7,0	75	30	3	004310012
14x2	9,0	80	32	1	004310014
16x2	9,0	80	32	1	004310016
18x2,5	11,0	95	40	1	004310018
20x2,5	12,0	95	40	1	004310020
22x2,5	12,0	100	40	1	004310022
24x3	14,5	110	50	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



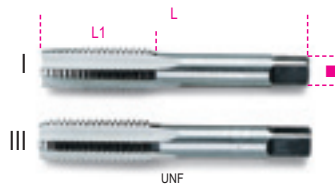
DIN 2181 UNI 4535

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

M	mm	L	L1		
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

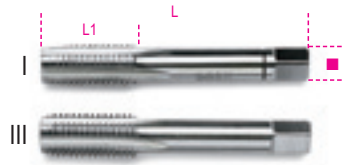


DIN 353 UNI 338

GAS	mm	L	L1		
1/8x28	4,9	65	18	1	004330401
1/4x19	5,5	70	24	1	004330402
3/8x19	6,2	75	25	1	004330403
1/2x14	7,0	80	31	1	004330405
3/4x14	9,0	90	33	1	004330408
1"x11	11,0	100	39	1	004330410

### 434

hand taps, **fine pitch**, metric thread HSS

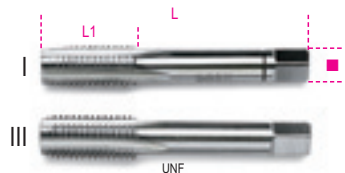


DIN 2181 UNI 4535

M	mm	L	L1		
6x0,75	4,5	48	16	5	004340001
8x0,75	5,0	56	16	5	004340003
8x1	5,0	56	16	5	004340004
10x0,75	6,5	63	18	5	004340007
10x1	6,5	63	18	5	004340008
10x1,25	6,5	63	18	5	004340009
12x1	7,0	70	20	3	004340014
12x1,25	7,0	70	20	3	004340015
12x1,5	7,0	70	20	3	004340016
13x1,5	9,0	70	20	1	004340017
14x1	9,0	70	20	1	004340018
14x1,25	9,0	70	20	1	004340019
14x1,5	9,0	70	20	1	004340020
15x1,5	9,0	70	20	1	004340021
16x1	9,0	70	20	1	004340022
16x1,5	9,0	70	20	1	004340023
18x1,5	11,0	80	22	1	004340024
18x2	11,0	90	25	1	004340025
20x1,25	12,0	80	22	1	004340026
20x1,5	12,0	80	22	1	004340027
20x2	12,0	90	25	1	004340028
22x1,5	14,5	80	22	1	004340029
24x1	14,5	80	22	1	004340030
24x1,5	14,5	80	22	1	004340031
24x2	14,5	80	22	1	004340032

### 434ASF

hand taps, **fine pitch**, UNF thread HSS



DIN 2181

UNF	mm	L	L1		
NR 6x40	3,0	40	12	1	004340301
NR 8x36	4,9	40	12	1	004340302
NR 10x32	4,9	45	14	1	004340303
NR 12x28	4,9	50	14	1	004340304
1/4x28	4,9	50	18	1	004340305
5/16x24	4,9	56	22	1	004340306
3/8x24	5,5	63	22	1	004340307
7/16x20	6,2	63	18	1	004340308
1/2x20	7,0	75	30	1	004340309
9/16x18	9,0	80	32	1	004340310
5/8x18	9,0	80	32	1	004340311
3/4x16	11,0	95	40	1	004340312
7/8x14	14,5	100	40	1	004340313
1"x12	16,0	110	50	1	004340314

Beta

### 434ASG

hand taps, cylindrical **GAS** (BSP) thread, HSS

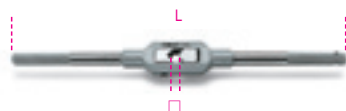


DIN 5157

GAS	mm	L mm	L1 mm		
1/8x28	5,5	63	18	1	004340401
1/4x19	9,0	63	20	1	004340402
3/8x19	9,0	70	20	1	004340403
1/2x14	12,0	80	22	1	004340404
5/8x14	14,0	90	25	1	004340405
3/4x14	16,0	100	28	1	004340406
7/8x14	18,0	100	28	1	004340407
1"x11	20,0	110	32	1	004340408

### 435

adjustable tap wrenches, steel body



DIN 1814

	mm	L mm		
435/0	2÷5 M2÷M8	140	3	004350007
435/1	2÷6 M3÷M10	180	2	004350009
435/1,5	2,5÷6 M3÷M12	180	2	004350011
435/2	3÷7 M4÷M12	260	2	004350013
435/3	4÷12 M5÷M20	380	1	004350020
435/4	5,5÷16 M9÷M27	490	1	004350027
435/5	7÷18 M13÷M32	620	1	004350032

### 435G

adjustable tap wrenches, light alloy body

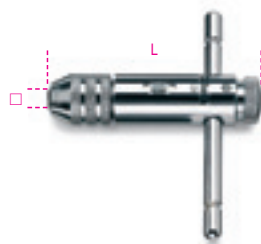


DIN 1814

	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	217	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

### 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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### 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
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M5X0,8  
M6X1,0  
M8X1,25  
M10X1,5  
M12X1,75

370x230x55 mm - 2 Kg

### 437U/E-M...

stainless steel helicoids



	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



$\frac{1}{4}$  S MAX mm = Ø mm

438A	1	004380010
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### 438...

bits for drilling, threading and countersinking

HSS, 1/4" drive



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

### 440

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



DIN 223 UNI EN 22568

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

### 440A

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



UNI EN 22568

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

### 440B

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



UNI EN 22568

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

### 440ASW

round dies, **Whitworth** thread made from chrome-steel



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

### 440ASC

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



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

### 440ASF

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



ANSI B1.1

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

### 440ASG

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



UNI EN 22568

GAS	Ø mm		
1/8x28	38,1	3	004400255
1/4x19	38,1	3	004400256
3/8x19	38,1	3	004400257
1/2x14	50,8	3	004400259
3/4x14	50,8	3	004400260
1"x11	63,5	3	004400261

### 441

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



DIN EN 22568

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

### 441A

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



DIN 223 UNI EN 22568

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

### 441B

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



DIN 223 UNI EN 22568

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

### 442

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



DIN 223 UNI EN 22568

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
22x2,5	55x22	1	004420022
24x3	55x22	1	004420024

### 442ASG

round dies, cylindrical **GAS** (BSP) thread  
HSS



UNI EN 22568

GAS	ØxS mm		
1/8x28	30x11	1	004420255
1/4x19	38x10	1	004420256
3/8x19	45x14	1	004420257
1/2x14	45x14	1	004420258
5/8x14	55x16	1	004420259
3/4x14	55x16	1	004420260
7/8x14	65x18	1	004420261
1"x11	65x18	1	004420262

### 443

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



UNI EN 22568

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

M	ØxS mm		
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



DIN 225

	Ø mm	L mm		
444	20x5	215	5	004440005
444/0	20x7	215	5	004440007
444/1	25,4	225	5	004440025
444/1A	25x9	225	5	004440027
444/1B	30x11	300	5	004440030
444/C	38x10	315	3	004440033
444/1C	38x14	315	3	004440035
444/2	38,1x14	360	3	004440038
444/1D	45x14	455	1	004440045
444/2D	45x18	455	1	004440046
444/3	50,8	555	1	004440050
444/4	55x16	555	1	004440055
444/5A	63,5	630	1	004440057

### 444G

die stocks, light alloy body



UNI EN 22568

	Ø mm	L mm		
444G/A	16x5	160	5	004440103
444G	20x5	200	5	004440105
444G/0	20x7	200	5	004440107
444G/1	25,4	210	5	004440125
444G/1A	25x9	224	5	004440127
444G/1B	30x11	280	5	004440130
444G/C	38x10	315	3	004440133
444G/1C	38x14	315	3	004440135
444G/2	38,1	320	3	004440138
444G/1D	45x14	450	1	004440145
444G/2D	45x18	450	1	004440146
444G/3	50,8	500	1	004440150
444G/4	55x16	560	1	004440155
444G/5A	63,5	620	1	004440163
444G/6	65x18	630	1	004440165

**Beta**



### 446/C30

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



446/C30 1 004460055

325x220x35 mm - 3,2 Kg

430 M	440 M	435/1,5	444/1
3x0,5	3x0,5		
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 1 004460057

580x300x50 mm - 5 Kg

430 M	440 M	440A M	435/1	444/1
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 M	433 M	440/440A, 441/441A M	440/440A, 441/441A M
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	435/1,5	444/1
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	435/1,5	444/1
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		





### 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		

### 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	442 M		
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
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### 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	442 M			
3x0,5	3x0,5	435/1,5	444	436/1
4x0,7	4x0,7	435/3	444/0	
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

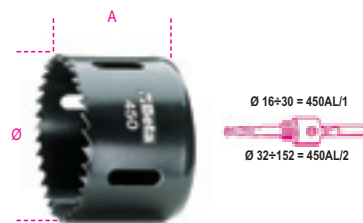
510x340x70 mm - 7,5 Kg

431 M	434 M	442 M	443 M
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	
	444/1C	
	444/1D	

### 450

holesaws HSS, Bimetal



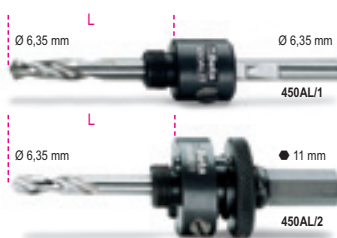
HSS-Co 8%

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
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

Ø mm	Ø "	A mm		
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

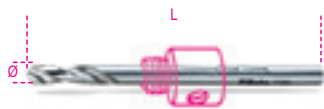
adaptors for arbors item 450AL/1



	Ø mm		
450AD	32÷51	1	004500230

### 450PA/1

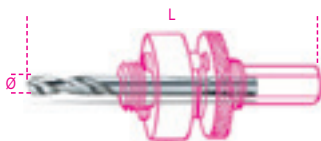
pilot drills for arbors item 450AL/1, HSS



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



450/C9	1	004500305

450 Ø 22 - 29 - 35 - 44 - 51 - 64 mm

450AL /1 - /2

450AD

220x160x60 mm - 1,1 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 - 1,4 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

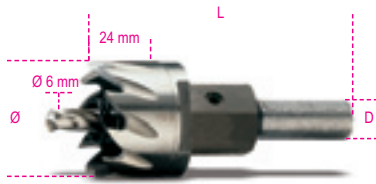
450AD

420x280x60 mm - 5,2 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

## 451GA

arbors for hole cutters item 451



M	Ø mm	L mm	D 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 mm	L mm		
6	53	1	004510103

## 451PR

extension for hole cutters item 451



M	Ø mm	L mm	Ø1 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 mm	Ø1 mm	L mm		
15	10	90	1	004520015
16	10	90	1	004520016
17	10	90	1	004520017
18	10	90	1	004520018
19	10	90	1	004520019
20	10	90	1	004520020
21	10	95	1	004520021
22	10	95	1	004520022
23	10	95	1	004520023
24	10	95	1	004520024
25	10	95	1	004520025
26	10	95	1	004520026
27	10	95	1	004520027
28	10	95	1	004520028
29	10	95	1	004520029
30	10	95	1	004520030
31	10	95	1	004520031
32	10	95	1	004520032
33	10	95	1	004520033
34	10	95	1	004520034
35	10	95	1	004520035
36	10	95	1	004520036
37	10	95	1	004520037
38	10	95	1	004520038
39	13	95	1	004520039
40	13	95	1	004520040
41	13	95	1	004520041
42	13	95	1	004520042
43	13	95	1	004520043
44	13	95	1	004520044
45	13	95	1	004520045
46	13	95	1	004520046
47	13	95	1	004520047
48	13	95	1	004520048
49	13	95	1	004520049
50	13	90	1	004520050
55	13	90	1	004520055
60	13	90	1	004520060
65	13	90	1	004520065
70	13	95	1	004520070
75	13	95	1	004520075
80	13	95	1	004520080
85	13	95	1	004520085
90	13	95	1	004520090

## 452GA

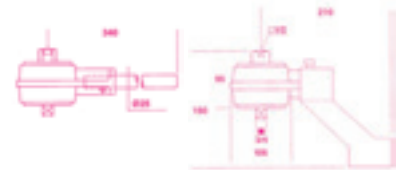
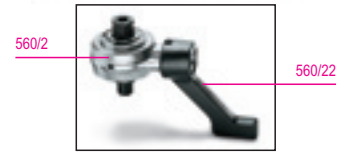
arbors for hole cutters item 452



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

## 560/C2

torque multiplier, ratio 5:1,  
and accessories in plastic case



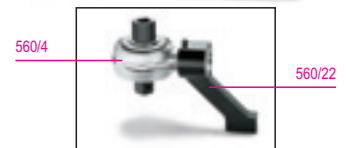
Nm	Kgfm	lbf.ft	□	■	kg
1300	130	960	1/2	3/4	3,8

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, ratio 5:1, with reaction foot



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

560/C4+	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

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

1 005600210

400x260x110 mm

### 561

torque multiplier, ratio 5:1

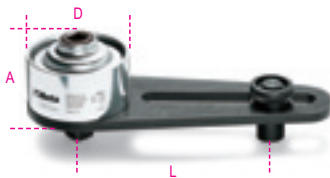


Nm	Kgfm	lbf.ft	□	■	kg
1000	100	740	1/2	3/4	4,6

1 005610001

### 562/1 - 562/2

torque multipliers, ratio 5:1



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
1700	170	1250	3/4	1"	108	95	85	220	5,3

562/1 1 005620001

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	1/2	1"	119	115	85	265	7,0

562/2 1 005620002

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

torque multipliers, ratio 25:1,  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L mm	kg
3000	300	2200	1/2	1"	108	188	155	9,2

564/3R 1 005640003

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L mm	kg
6000	600	4500	1/2	1 1/2"	119	235	200	15,5

564/4R 1 005640004

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

torque multipliers, ratio 25:1  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
1700	170	1250	1/2	1"	108	125	80	215	7,7

565/1R 1 005650011

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	1/2	1"	119	145	85	265	10,1

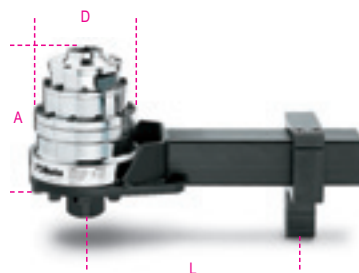
565/2R 1 005650012

Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
3400	340	2500	1/2	1 1/2"	119	145	85	265	10,7

565/3R 1 005650013

### 565/4R

torque multiplier, ratio 25:1  
with anti-wind up system

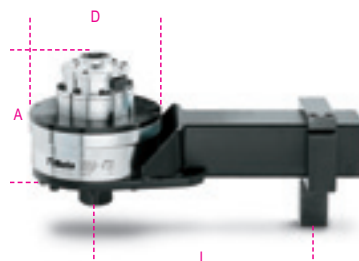


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1 1/2"	144	180	125	335	17

565/4R 1 005650014

### 565/5R

torque multiplier, ratio 25:1  
with anti-wind up system



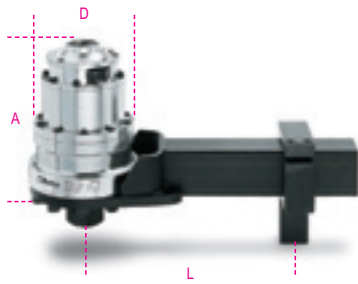
Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
9500	950	7000	3/4	1 1/2"	184	180	155	355	25

565/5R 1 005650015



### 567/4R

torque multiplier, ratio 125:1  
with anti-wind up system

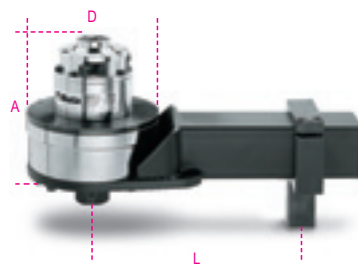


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	210	125	335	19

567/4R 1 005670014

### 567/5R

torque multiplier, ratio 125:1  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
9500	950	7000	1/2	1"1/2	184	210	155	350	27

567/5R 1 005670015

### 581

slip-torque screwdriver, ungraduated  
for right-hand and left-hand tightening  
torque accuracy: ±6%  
(to be used with items 588 - 682)



UNI EN 26789  
ISO 6789

Nm	gfm	□	g
1,2÷6	120÷600	1/4"	275

581 1 005810001

### 583

slip-torque screwdriver, ungraduated  
for right-hand and left-hand tightening  
torque accuracy: ±6%



UNI EN 26789  
ISO 6789

Nm	gfm	□	g
0,3÷1,5	30÷150	1/4"	200

583/1,5 1 005830015

Nm	gfm	□	g
0,6÷3	60÷300	1/4"	230

583/3 1 005830030

Nm	gfm	□	g
1,2÷6	120÷600	1/4"	350

583/6 1 005830060



### 583/C31

1 torque screwdriver, 8 hexagon hand sockets,  
20 bits and 2 accessories

1/4"



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	● 1/4 ■ 1/4

270x120x45 mm - 1,2 kg

### 588

electronic digital torque meter

For testing and setting torque screwdrivers 581-583



Nm	lbf.in	□	kg
1÷10	10÷90	1/4"	2

588 1 005880001

### 590 + 592/4

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	kg
0,3÷4	0,03÷0,4	3÷35	1/4	60	253	0,52

590 1 005900001

Nm	Kgfm	lbf.in	■	A mm	L mm	kg
0,5÷13,5	0,05÷1,35	4÷120	1/4	60	253	0,52

590/1 1 005900003

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

592/3 1 005920005

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

592/4 1 005920007



### 599DGT

electronic torque wrench  
with reversible ratchet, right-hand  
and left-hand tightening, torque accuracy:  
+/- 2% right-hand,  
+/- 3% left-hand

buzzer and LED indicator for pre-settable target torque  
• Power supply: 2 1.5V batteries (included)

CE



UNI EN 26789  
ISO 6789

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

599DGT/6 1 005990003

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg
20÷100	2÷20	15÷80	1/2	30	37	413	1

599DGT/10X 1 005990010

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg
40÷200	4÷20	30÷150	1/2	40	43	520	2

599DGT/20 1 005990020

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg
68÷340	6,8÷34	58÷280	1/2	40	43	539	2,35

599DGT/30 1 005990030

### 594/8 - 594/21

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%

12"



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg
6÷80	0,6÷8	5÷60	1/2	85	455	1,35

594/8 1 005940011

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg
20÷215	2÷21,5	15÷160	1/2	85	530	1,40

594/21 1 005940015

### 596/80SL - 598/200SL

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%

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



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg
40÷800	4÷80	20÷600	3/4	115	1025	4,85

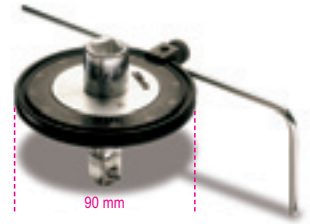
596/80SL 1 005960020

Nm	Kgfm	lbf.ft	■	A mm	L mm	kg
200÷2000	20÷200	150÷1500	1"	135	1930	16,70

598/200SL 1 005980022

### 600

torque angle indicators



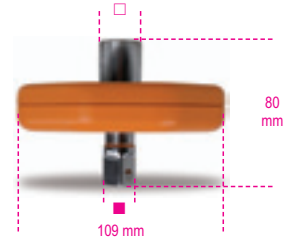
	□	■	☐	☐
600/1	1/2	1/2	1	006000001
600/2	3/4	3/4	1	006000002

### 601

electronic torque angle indicator

LED indicators and buzzer for pre-settable angle

CE



	□	■	☐	☐
601 1/2	1/2"	1/2"	1	006010001
601 3/4	3/4"	3/4"	1	006010002

☐ 240x210x105 mm - ☐ 765 g

### 603

calibrated slipping torque wrenches  
for right-hand tightening  
torque accuracy: ±6%

1/4"



ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	g
1÷5	0,1÷0,5	10÷45	1/4	35	195	235

603/5 1 006030005

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

603/10 1 006030010



### 604/5

click-type torque wrench  
torque accuracy:  $\pm 6\%$



ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
1÷5	0,1÷0,5	10÷45	1/4"	170		120	

604/5 1 006040001

### 606/2 - 606/2X

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



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.in	■	D mm	A mm	L mm	g
4÷20	0,4÷2	40÷180	1/4	28	25	220	400

606/2 1 006060102

Nm	Kgfm	lbf.in	■	D mm	A mm	L mm	g
4÷20	0,4÷2	40÷180	3/8	28	31	220	400

606/2X 1 006060103

### 606/6 + 606/30

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



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
8÷60	0,8÷6	6÷44	3/8	30	33	305	595

606/6 1 006060105

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷80	3/8	30	33	345	660

606/10 1 006060110

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷80	1/2	30	37	345	680

606/10X 1 006060111

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	440	920

606/20 1 006060120

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
60÷330	6÷33	40÷250	1/2	40	43	560	1180

606/30 1 006060130

### 608/2

click-type torque bar  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.in	Ø mm	L mm	g
4÷20	0,4÷2	40÷180	16	208	330

608/2 1 006080102

### 612 + 614

reversible ratchets for torque bars



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

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

### 614/50

push-through ratchet for torque bars



614/50 1/2 71 3 006140002

### 616 - 617 - 619

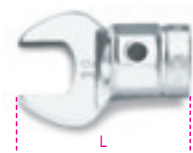
fixed heads for torque bars



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

### 642

open jaw wrenches for torque bars



mm	L mm	g
10	57	2 006420010
12	58	2 006420012
13	58	2 006420013
14	59	2 006420014
17	60	2 006420017
19	61	2 006420019
21	62	1 006420021
22	62	1 006420022
24	63	1 006420024
26	64	1 006420026
27	65	1 006420027
30	66	1 006420030
32	67	1 006420032

### 652

ring wrenches for torque bars



mm	L mm	g
10	59	2 006520010
13	61	2 006520013
14	62	2 006520014
17	64	2 006520017
19	65	2 006520019
21	66	1 006520021
22	66	1 006520022
24	67	1 006520024
26	68	1 006520026
27	69	1 006520027
30	70	1 006520030
32	71	1 006520032

Spare parts  
rotating mechanism of ratchets,  
see table after item 929/C8



## 666

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



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
8÷60	0,8÷6	6÷44	3/8	30	33	305	600

666/6 1 006660106

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷80	3/8	30	33	345	680

666/10 1 006660110

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
20÷100	2÷10	15÷80	1/2	30	37	350	780

666/10X 1 006660111

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	440	995

666/20 1 006660120

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
60÷330	6÷33	40÷250	1/2	40	43	560	1260

666/30 1 006660130

## 667

click-type torque wrenches with push-through ratchets for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	440	960

667/20 1 006670120

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
60÷330	6÷33	40÷250	1/2	40	43	560	1260

667/30 1 006670130

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
80÷400	8÷40	60÷320	3/4	50	50	690	2200

667/40 1 006670140

## 667/C3

assortment of one click-type torque wrench with push-through ratchet item 667/40 and three hexagon sockets



UNI EN 26789  
ISO 6789

667/C3 3/4 1 006670240  
Nm 80÷400



**Spare parts**  
rotating mechanism of ratchets,  
see table after item 929/C8

## 668

click-type torque bars for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
8÷60	0,8÷6	6÷44	16	300	530

668/5 1 006680105

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
20÷100	2÷10	15÷80	16	340	610

668/10 1 006680110

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
40÷200	4÷20	30÷150	16	420	780

668/20 1 006680120

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
60÷300	6÷30	40÷220	16	550	1100

668/30 1 006680130



## 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 26789  
ISO 6789

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

668RG/6 1 006680206

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
10÷100	1÷10	8÷80	16	315	600

668RG/10 1 006680210

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
20÷200	2÷20	15÷150	16	405	780

668RG/20 1 006680220

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
30÷300	3÷30	22÷220	16	645	1130

668RG/30 1 006680230

## 669

click-type torque bars, rectangular drive for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	g
8÷60	0,8÷6	6÷44	9x12	300	530

669/6 1 006690005

Nm	Kgfm	lbf.ft	□ mm	L mm	g
20÷100	2÷10	15÷80	9x12	340	610

669/10 1 006690010

Nm	Kgfm	lbf.ft	□ mm	L mm	g
40÷200	4÷20	30÷150	9x12	420	780

669/20 1 006690020

Nm	Kgfm	lbf.ft	□ mm	L mm	g
60÷300	6÷30	40÷220	14x18	550	1100

669/30 1 006690030

## 669RG

click-type torque bar,  
rectangular drive ungraduated  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$   
(to be used with items 680/40 - 682)



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	mm	L mm	g
8÷60	0,8÷6	6÷44	9x12	288	550

669RG/6 1 006690106

Nm	Kgfm	lbf.ft	mm	L mm	g
10÷100	1÷10	8÷80	9x12	315	600

669RG/10 1 006690110

Nm	Kgfm	lbf.ft	mm	L mm	g
20÷200	2÷20	15÷150	14x18	405	780

669RG/20 1 006690120

Nm	Kgfm	lbf.ft	mm	L mm	g
30÷300	3÷30	22÷220	14x18	645	1130

669RG/30 1 006690130

## 671/C10

torque bar item 668/10 and accessories



671/C10 1 006710010

	668/10	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

## 671/C20

torque bar item 668/20 and accessories



671/C20 1 006710020

	668/20	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

## 671/C30

torque bar item 668/30 and accessories



671/C30 1 006710030

	668/30	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

## 677

break-back torque wrenches  
with push-through ratchets  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
100÷500	10÷50	70÷350	70	55	915	5,2

677/50 1 006770050

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
150÷700	15÷70	100÷500	70	55	1140	6,2

677/70 1 006770070

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	70	55	1470	7,5

677/100 1 006770100

## 677/C...

torque wrenches item 677  
in case



677/C50 1 006770605

Nm 100÷500  
677/C70 1 006770610

Nm 150÷700  
677/C100 1 006770615

Nm 300÷1000

## 678

click-type torque wrenches  
with push-through ratchets  
for right-hand and left-hand tightening  
torque accuracy:  $\pm 4\%$



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
110÷550	11÷55	80÷405	61	55	845	3,7

678/55 1 006780055

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	220÷750	75	60	1250	6,0

678/100 1 006780100

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
500÷1500	50÷150	370÷1100	75	60	1570	6,7

678/150 1 006780150

Beta

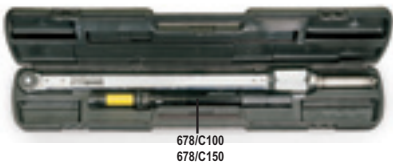
Beta



### 678/C...

torque wrenches item 678 in case

3/4"



678/C100  
678/C150

678/C55	1	006780605
Nm 110÷550		
678/C100	1	006780610
Nm 300÷1000		
678/C150	1	006780615
Nm 500÷1500		



### 678/CV...

empty cases for torque wrenches items 677 and 678



678/CV1	1	006780405
677/50-678/55		
678/CV2	1	006780410
677/70-678/100		
678/CV3	1	006780415
677/100-678/150		



### 680/40

electronic digital torque meter  
Dynatester 680  
for checking calibration  
to be used either clockwise or anticlockwise

12"

CE



680/40	16÷400	4	1	006800040
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### 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



CE

#### TECHNICAL FEATURES

**Reading accuracy**  
± 1% of the read value  
**Available measuring units**  
Nm·dNm·cNm·Lbf.ft·Lbf.in·Ozf.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



### 710

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø	L	Ø1	
7	12,5	28	19	5 007100007
8	13,8	28	19	5 007100008
9	15,0	28	19	5 007100009
10	16,3	28	19	5 007100010
11	17,5	30	19	5 007100011
12	19,0	30	19	5 007100012
13	20,0	30	22	5 007100013
14	21,3	30	22	5 007100014
16	23,8	30	22	5 007100016
17	25,0	30	22	5 007100017
18	26,3	30	22	5 007100018
19	27,5	30	22	5 007100019
21	30,0	32	22	5 007100021
22	32,0	32	22	5 007100022



### 710/16

impact adaptor, 3/8" female  
and 1/2" male drives

3/8"



L	Ø			
mm	mm	3/8	1/2	
32	22			3 007100810



### 710/20

3/8" drive impact extension bar

3/8"



L	Ø	
mm	mm	
75	22	3 007100821



### 710/21

3/8" drive impact extension bar

3/8"



L	Ø	
mm	mm	
125	22	3 007100823



### 710/25

3/8" drive impact universal joint

3/8"



L	Ø	
mm	mm	
58	24	2 007100830



### 710/C10

10 impact sockets

3/8"



710/C10	1	007100910
7-8-10-11-12-13		
14-17-19-22 mm		



130x55x40 mm - 800 g



## 710/OR... - 710/SP...

rubber O-rings and locking pins for impact sockets

3/8"



710/OR1	10	007100921
710/OR2	10	007100922
710/SP1	10	007100911
710/SP2	10	007100912

## 720

impact sockets, standard series

1/2"



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
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
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
30	42,0	50	30	3	007200030
32	44,0	50	30	3	007200032
36	50,0	50	30	3	007200036

## 720AS

impact sockets, standard series

1/2"



"	Ø mm	L mm	Ø1 mm		
3/8	17,0	38	25	3	007200210
7/16	18,2	38	25	3	007200211
1/2	20,7	38	25	3	007200213
9/16	22,0	38	25	3	007200214
5/8	24,5	38	30	3	007200216
11/16	25,7	38	30	3	007200217
3/4	28,2	38	30	3	007200219
13/16	30,7	38	30	3	007200221
7/8	32,0	38	30	3	007200222
15/16	34,5	38	30	3	007200224
1	35,7	38	30	3	007200225
1.1/16	38,2	40	30	3	007200227
1.1/8	40,7	42	30	3	007200229
1.1/4	44,5	42	30	3	007200232

## 720L

impact sockets, long series

1/2"



UNI/ISO 2725

mm	Ø mm	L mm	Ø1 mm		
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

1/2"



mm

17-19-21

1 007200355

## 720PL

impact sockets for wheel nuts, with polymeric material insets

1/2"



mm	Ø mm		
17	29,5	2	007200617
19	29,5	2	007200619
21	31,0	2	007200621
22	33,0	2	007200622
24	35,0	2	007200624



## 720PL/C5

impact sockets for wheel nuts, with polymeric material insets

1/2"



720PL/C5

17-19-21-22-24 mm

1 007200650

240x165x50 mm - 1,8 kg

## 720LPL

impact sockets for wheel nuts, with polymeric material insets, long series

1/2"



mm

17

19

21

24,3

26,2

28,5

1 007200717

1 007200719

1 007200721

## 720LPL/C3

impact sockets for wheel nuts, long series, with polymeric material insets

supplied with 3 spare insets

1/2"



720LPL/C3

17-19-21 mm

1 007200750

270x185x60 mm - 1 kg

## 720IP

spare polymeric material insets for impact sockets 720PL-LPL



mm		
720IP17	17	1 007200667
720IP19	19	1 007200669
720IP21	21	1 007200671
720IP22	22	1 007200672
720IP24	24	1 007200674

## 720FTX

impact sockets, for Torx® head screws



	Ø mm	L mm	Ø1 mm		
E10	14,0	38	25	3	007200410
E12	15,9	38	25	3	007200412
E14	17,7	38	25	3	007200414
E16	20,0	38	25	3	007200416
E18	22,0	38	25	3	007200418
E20	25,0	40	25	3	007200420



720FTX/SB6  
E10-E12-E14  
E16-E18-E20

1 007200450

## 720TX

impact socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T30	25	60	40	3	007200460
T40	25	60	40	3	007200470
T45	25	68	48	3	007200472
T50	25	68	48	3	007200474
T55	25	68	48	3	007200476
T60	25	68	48	3	007200478

## 720TX/C6

6 impact socket drivers for Torx® head screws



720TX/C6  
T30-T40-T45  
T50-T55-T60

1 007200483

275x120x65 mm - 5700 g

## 720ME

impact socket drivers for hexagon screws



	Ø mm	L mm	L1 mm		
5	25	60	40	3	007200505
6	25	60	40	3	007200506
8	25	60	40	3	007200508
10	25	68	48	3	007200510
12	25	68	48	3	007200512
14	25	78	58	3	007200514
17	25	78	58	3	007200517
19	25	78	58	3	007200519

## 720ME/C8

8 impact socket drivers for hexagon screws



720ME/C8  
5-6-8-10-12  
14-17-19 mm

1 007200525

270x120x45 mm - 1710 g

## 720/15

impact adaptor, 1/2" female and 3/8" male drives



L mm	Ø 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



L mm	Ø mm	□	■		
44	30	1/2	3/4	3	007200814

## 720/20

1/2" drive impact extension bar



L mm	Ø mm		
75	30	3	007200818

## 720/21

1/2" drive impact extension bar



L mm	Ø mm		
125	30	3	007200822

## 720/25

1/2" drive impact universal joint



L mm	Ø mm		
72	30	2	007200830

## 720/C6

6 impact sockets



720/C6  
13-14-17-19-22-24 mm

1 007200910

195x80x55 mm - 1100 g

## 720/C12

12 impact sockets



720/C12  
10-11-12-13-14-17  
19-22-24-27-30-32 mm

1 007200912

195x80x55 mm - 2000 g



## 720T

impact torsion bars  
for motor vehicle wheel nuts

12"



Nm	L mm		
90	200	1	007200760
100	200	1	007200762
110	200	1	007200764
120	200	1	007200766



720T/B4 1 007200780

## 720/OR... - 720/SP...

rubber O-rings and locking pins  
for impact sockets

12"



720/OR1	10	007200923
720/OR2	10	007200924
720/SP1	10	007200913
720/SP2	10	007200914

## 727PI/16

impact bit holder for item 727/ES16  
and 727/ES16TX

3/4"



Ø mm	L mm	Ø mm	□		
44	52	16	3/4	2	007270016

## 727/ES16

impact hexagon bits, 16 mm drive

3/4"



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

3/4"



Ø	mm	L mm		
T55	16	50	2	007270355
T60	16	50	2	007270360
T70	16	50	2	007270370

## 727PI/22

impact bit holder for item 727/ES22 and  
727/ES22TX

1"



Ø mm	L mm	Ø mm		
54	70	22	2	007270022

## 727/ES22

impact hexagon bits, 22 mm drive

1 1/2"



mm	mm	L mm		
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

1 1/2"



Ø	mm	L mm		
T80	22	60	2	007270480
T90	22	60	2	007270490
T100	22	60	2	007270500

## 727/C16

12 impact bits and 4 accessories

3/4"



1"

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 - 3,6 kg

## 727PI/32

impact bit holder  
for item 727/ES32

1 1/2"



Ø mm	L mm	Ø mm		
86	66	32	1	007270032

## 727/ES32

impact hexagon bit,  
32 mm drive

1 1/2"



mm	mm	L mm		
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

3/4"



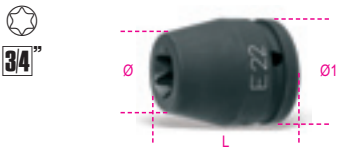
UNI/ISO 2725 DIN 3129	Ø mm	L mm	Ø1 mm		
17	30,0	51	44	2	007280017
18	31,0	51	44	2	007280018
19	32,5	51	44	2	007280019
21	35,0	51	44	2	007280021
22	36,0	51	44	2	007280022
23	37,5	51	44	2	007280023
24	38,5	51	44	2	007280024

**Beta**

mm	Ø mm	L mm	Ø1 mm		
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
41	60,0	58	44	1	007280041
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

### 728FTX

impact sockets, for Torx® head screws



mm	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

### 728L

impact sockets, long series



mm	Ø mm	L mm	Ø1 mm		
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	2	007280333
34	51,0	90	44	2	007280334
36	53,5	90	44	2	007280336
38	56,0	90	44	2	007280338
41	60,0	90	44	2	007280341

### 728LS

impact sockets, long slim series



mm	Ø 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	2	007280536

### 728LS/S3

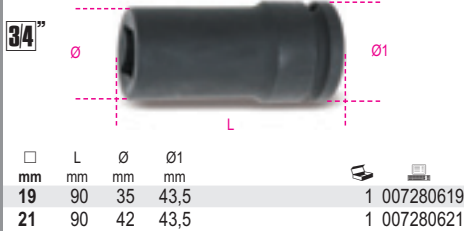
set of 3 impact sockets item 728LS



### 728LQ

impact sockets, long series

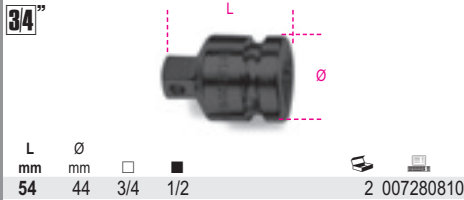
(for ISUZU wheel nuts)



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	□	■		
54	44	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

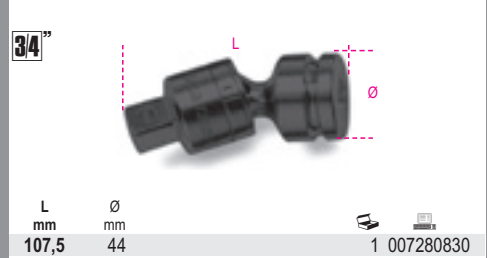
3/4" drive impact extension bar



L mm	Ø mm				
250	44	2	007280825		

### 728/25

3/4" drive impact universal joint



L mm	Ø mm				
107,5	44	1	007280830		

### 728/C10

10 impact sockets



728/C10					
17-19-22-24-27-30				1	007280910
32-36-41-46 mm					

275x120x65 mm - 5,7 kg

### 728/OR - 728/SP

rubber O-rings and locking pins for impact sockets



728/OR					
10	007280926				
10	007280916				

### 729

impact sockets, standard series



UNI/ISO 2725 DIN 3129

mm	Ø 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



Ø	Ø	L	Ø1		
mm	mm	mm	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



Ø	Ø	L	Ø1		
mm	mm	mm	mm		
22	36,0	108	53	1	007290522
24	38,5	108	53	1	007290524
27	42,3	108	53	1	007290527
30	46,0	108	53	1	007290530
32	48,5	108	53	1	007290532
33	49,8	108	53	1	007290533
36	53,5	108	53	1	007290536

## 729T

impact torsion bars for wheel nuts



Ø	Nm	L		
mm		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	Ø				
mm	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	Ø				
mm	mm				
88	54,0	1	1.1/2	1	007290813

## 729/21

1" drive impact extension bar



L	Ø				
mm	mm				
175	54	1	1	1	007290815

## 729/22

1" drive impact extension bar



L	Ø				
mm	mm				
330	54			1	007290825

## 729/25

1" drive impact universal joint



L	Ø				
mm	mm				
130	54			1	007290830

## 729/OR... - 729/SP...

rubber O-rings and locking pins for impact sockets



729/OR1	5	007290927	
729/OR2	5	007290928	
729/SP1	5	007290917	
729/SP2	5	007290918	

## 730

impact sockets, standard series

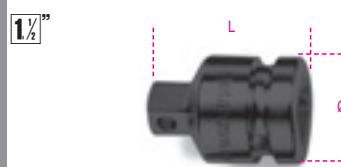


UNI/ISO 2725 DIN 3129

Ø	Ø	L	Ø1		
mm	mm	mm	mm		
50	81	87	84	1	007300050
55	88	90	86	1	007300055
60	94	95	86	1	007300060
65	100	100	86	1	007300065
70	106	105	86	1	007300070
75	113	110	86	1	007300075
80	119	115	86	1	007300080
85	125	120	86	1	007300085
90	132	125	86	1	007300090
95	138	125	96	1	007300095
100	144	130	96	1	007300100
105	150	135	96	1	007300105
110	157	140	96	1	007300110
115	163	140	96	1	007300115
120	169	145	96	1	007300120
125	175	145	96	1	007300125

## 730/15

adaptor



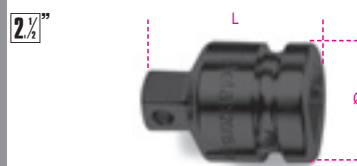
L	Ø				
mm	mm				
105	84,0	1.1/2	1	1	007300810



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

## 733/15

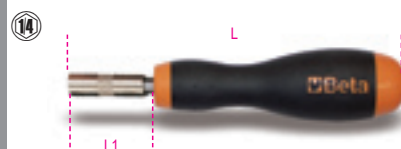
adaptor



L	Ø				
mm	mm				
156	127	2.1/2	1.1/2	1	007330810

## 851

magnetic bit holder with handle



L1	L		
mm	mm		
45	165	2	008510165
125	245	2	008510245

**Beta**





## 851SR

quick release bit holder with handle



L mm	L1 mm	
230	110	2 008510001

## 855

bit holder with handle, with reversible ratchet



L mm	L1 mm	
187	62	1 008550001

## 855T

T-handle bit holder with universal quick release and reversible ratchet on long side



L mm	L1 mm	
185	135	1 008550050

## 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/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/O	● 1/4 ■ 1/4

## 860PHZ/A10

set of 10 bits with magnetic bit holder in plastic case



860PHZ/A10 1 008600910

	860PH	PH1	n.
		PH2	1
		PH3	3
	860PZ	PZ1	1
		PZ2	3
		PZ3	1
	882M1	○ 1/4 ● 1/4	

### 860PHZ/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860PHZ/A31 1 008600912

	860PH	PH1 PH2 PH3	n. 3 9 3
	860PZ	PZ1 PZ2 PZ3	3 3 9 3
	882MSR/50	○ 1/4 ● 1/4	

### 860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10 1 008600920

	860PE	2 - 2,5 mm 3 - 4 - 5 - 6 mm	n. 1 2
	882M1	○ 1/4 ● 1/4	

### 860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10 1 008600970

	860TX	T7 - T8 - T9 - T10 - T15 - T20 T25 - T27 - T30 - T40	n. 1
	882M1	○ 1/4 ● 1/4	

### 860TX/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860TX/A31 1 008600972

	860TX	T6 - T7 - T8 T9 - T10 - T15 - T20 - T25 T27 - T30 - T40	n. 2 3
	882MSR/50	○ 1/4 ● 1/4	

### 860PHT/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860PHT/A31 1 008600940

	860PH	PH1 PH2	n. 3 6
	860TX	T10 - T15 - T20 - T25 - T27 - T30 - T40	3
	882MSR/50	○ 1/4 ● 1/4	

### 860RTX/A10

set of 10 bits with magnetic bit holder in plastic case



860RTX/A10 1 008600930

	860RTX	T9-T10-T15-T20-T25-T27 T30-T40	n. 1 2
	882M1	○ 1/4 ● 1/4	

### 860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10 1 008600900

	860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm	n. 1
	860PH	PH1 PH2 PH3	1 2 1
	860PZ	PZ1 - PZ2 - PZ3	1
	882M1	○ 1/4 ● 1/4	

### 860MIX/A31

set of 30 bits with magnetic quick release bit holder in plastic case



860MIX/A31 1 008600902

	860LP	0,5x3 - 0,6x4 - 0,8x5,5 1,0x5,5 - 1,2x6,5 mm	n. 1
	860PE	2 - 2,5 - 3 - 4 - 5 - 6 8 - 10 mm	2
	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	

### 861LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	10	008610005
0,6x4,5	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



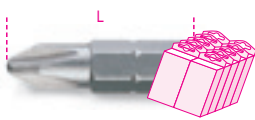
ISO 2351-2

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



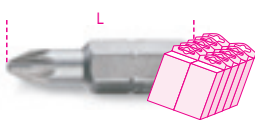
ISO 2351-2

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

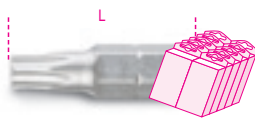


ISO 1173 C 6,3

	L mm		
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

	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

	L mm		
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

## 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



## 861/C26

26 bits and 2 accessories in metal case

1/4



861/C26 1 008610950

- 861LP 0,5x3 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
- 861PE 2 - 3 - 4 - 5 - 6 - 8 mm
- 861PH PH0 - PH1 - PH2 - PH3
- 861PZ PZ1 - PZ2 - PZ3
- 861TX T8 - T9 - T10 - T15 - T20  
T25 - T27 - T30 - T40  
○ 1/4" ○ 5/16"
- 194 ○ 1/4" - 125 mm
- 851 ○ 1/4" - 125 mm

270x120x45 mm - 950 g

## 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		
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		
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		
1	70	5	008620230
2	70	5	008620232
3	70	5	008620234

## 862PZ

bits for cross head Pozidriv®-Supadriv® screws

1/4



ISO 2351-2

ISO 1173 E 6,3

PZ	L mm		
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		
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

	L mm		
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

	L mm		
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

## 862F

magnetic bits, hexagon sockets

1/4



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

**Beta**

## 862F/A7

7 magnetic bits, hexagon sockets, in plastic case



862F/A7 1 008620950

862F 5,5-6-7-8-10-12-13 mm

## 866LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 8

SxA mm	L mm	ISO 2351-1	ISO 1173 C 8
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	ISO 2351-2	ISO 1173 C 8
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	ISO 2351-2	ISO 1173 C 8
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	ISO 2351-3	ISO 1173 C 8
3	30	10 008660100	
4	30	10 008660105	
5	30	10 008660110	
6	30	10 008660115	
8	30	10 008660120	
10	30	10 008660125	

## 866TX

bits for Torx® head screws



ISO 1173 C 8

	L mm	ISO 1173 C 8
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

## 867PE

hexagon bits



mm	L mm	ISO 2351-3	ISO 1173 C 8
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	ISO 2351-3	ISO 1173 C 8
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



	L mm	ISO 2351-3	ISO 1173 C 8
M5	30	5 008670255	
M6	30	5 008670206	
M8	30	5 008670208	
M10	30	5 008670210	
M12	30	5 008670212	

## 867XZN/L

bits with XZN® profile



	L mm	ISO 2351-3	ISO 1173 C 8
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



	L mm	ISO 1173 C 8
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



	L mm	ISO 1173 C 8
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



	L mm		
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



	L mm		
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

## 867/...

bit holder sockets for item 867



	○ mm	□ mm	L mm	∅ mm		
867/1	10	3/8"	38	17	5	008670600
867/2	10	1/2"	38	22	5	008670601

## 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

## 882

bit holder with retaining ring for drivers



ISO 1173 C 6,3

L mm	○ mm	● mm	∅ mm		
57	1/4	1/4	11	5	008820001

## 882M1

magnetic bit holder



ISO 1173 C 6,3

L mm	○ mm	● mm	∅ mm		
50	1/4	1/4	11	5	008820006

## 882M

magnetic bit holder



ISO 1173 C 6,3

L mm	○ mm	● mm	∅ mm		
75	1/4	1/4	11	5	008820005

## 882 MSR

magnetic quick release bit holder for drivers



L mm	○ mm	● mm	∅ mm		
50	1/4	1/4	11	5	008820205
75	1/4	1/4	11	5	008820207

## 882P

magnetic bit holder extension bar



L mm	○ mm	● mm	∅ mm		
80	1/4	1/4	10	5	008820080

## 892

adaptors for drivers



	■ mm	● mm	L mm		
892/0	1/4	1/4	25	5	008920000
* 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

\* ISO 1173 A 5,5  
° ISO 1173 C 6,3

## 895

socket holder for bits  
item 861 - 862 - 866



DIN 7427

	○ mm	□ mm	L mm	∅ mm		
895/1	1/4	1/4	22	12	5	008950000
895/3	1/4	3/8	30	17,3	5	008950001
895/4	5/16	3/8	38	18	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	
280	154	2 008970010

### 897L

flexible bit holder with handle, long model



L mm	L1 mm	
500	380	2 008970015

### 900

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	
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 mm	L mm	Ø1 mm	
4	7,7	22	11,2	5 009000160
5	8,0	25	11,8	5 009000161
5,5	8,7	25	11,8	5 009000162
6	9,3	25	11,8	5 009000163
7	10,4	25	11,8	5 009000164
8	11,8	25	12,7	5 009000165
9	12,7	25	11,8	5 009000166
10	14,2	25	12,0	5 009000167
11	15,8	25	12,5	5 009000168
12	17,2	25	13,5	5 009000169
13	18,0	25	13,5	5 009000170
14	20,0	25	15,0	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

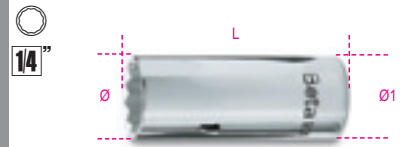
mm	Ø mm	L mm	Ø1 mm	
4	6,5	50	12,0	5 009000181
4,5	7,0	50	12,0	5 009000182
5	7,5	50	12,0	5 009000183
5,5	8,5	50	12,0	5 009000184
6	9,5	50	12,0	5 009000185
7	10,5	50	12,0	5 009000186
8	12,0	50	12,0	5 009000187
9	13,0	50	13,0	5 009000188
10	14,0	50	14,0	5 009000189
11	16,0	50	16,0	5 009000190
12	17,5	50	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		1 009000203

### 900MB/L

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm	
5	8,0	50	12,0	5 009000211
6	9,3	50	12,0	5 009000212
7	10,9	50	12,0	5 009000213
8	11,6	50	12,0	5 009000214
9	13,0	50	12,0	5 009000215
10	14,3	50	12,8	5 009000216
11	16,0	50	14,2	5 009000217
12	17,4	50	15,5	5 009000218
13	18,0	50	16,2	5 009000219
14	19,0	50	17,1	5 009000220

### 900AS

hexagon hand sockets



mm	Ø mm	L mm	Ø1 mm	
5/32	8,8	22	11,2	5 009000349
3/16	7,7	22	11,2	5 009000340
7/32	8,8	22	11,2	5 009000345
1/4	9,6	22	11,2	5 009000350
9/32	10,2	22	11,2	5 009000355
5/16	11,3	22	11,7	5 009000360
11/32	12,7	22	11,6	5 009000365
3/8	14,0	22	12,9	5 009000370
7/16	15,3	22	14,5	5 009000375
1/2	17,5	22	16,4	5 009000380
9/16	19,0	24	17,9	5 009000385



900AS/SB11		
3/16-7/32-5/32-1/4-9/32-5/16-11/32-3/8-7/16-1/2-9/16		1 009000389

### 900AS/MB

bi-hex hand sockets



SAE AS 954E

"	Ø mm	L mm	Ø1 mm	
3/16	8,0	22	10,0	5 009000390
7/32	8,6	22	10,0	5 009000391
1/4	9,6	22	10,0	5 009000392
9/32	10,0	22	10,0	5 009000393
5/16	11,9	22	11,9	5 009000394
11/32	12,0	22	12,0	5 009000395
3/8	13,9	22	13,9	5 009000396
7/16	15,2	22	15,2	5 009000397
1/2	17,2	22	17,2	5 009000398
9/16	19,0	24	19,0	5 009000399

## 900AS/L

hexagon hand sockets, long series



"	Ø mm	L mm	Ø1 mm		
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
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

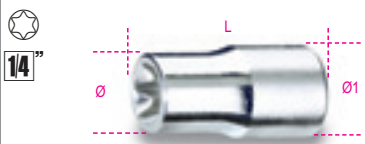
bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm		
5/32	6,8	50	12,0	5	009000325
3/16	8,0	50	12,0	5	009000326
7/32	8,5	50	12,0	5	009000327
1/4	9,8	50	12,0	5	009000328
9/32	10,9	50	12,0	5	009000329
5/16	11,6	50	12,0	5	009000330
11/32	13,0	50	12,0	5	009000331
3/8	14,3	50	12,8	5	009000332
7/16	16,0	50	14,2	5	009000333
1/2	18,0	50	16,2	5	009000334
9/16	19,0	50	17,1	5	009000335

## 900FTX

hand sockets for Torx® head screws



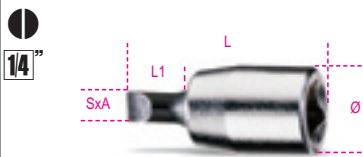
"	Ø mm	L mm	Ø1 mm		
E4	5,4	22	11,2	5	009000404
E5	6,7	22	11,2	5	009000405
E6	7,7	22	11,2	5	009000406
E7	8,3	22	11,2	5	009000407
E8	9,6	22	11,2	5	009000408
E10	11,3	22	12,0	5	009000410
E11	12,1	22	12,5	5	009000411
E12	12,9	23	12,9	5	009000412
E14	14,0	25	14,0	5	009000414



<b>900FTX/SB9</b>	1	009000419
E4-E5-E6-E7-E8		
E10-E11-E12-E14		

## 900LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
0,8x4	12	28	9	10	009000605
1x5,5	12	28	9	10	009000610
1,2x6,5	12	28	9	10	009000615
1,2x8	13	28	8	10	009000620
1,6x10	14	28	8	10	009000625

## 900PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	12	28	12	10	009000701
2	12	28	12	10	009000702
3	12	28	12	10	009000703
4	13	28	11	10	009000704

## 900LPH/SB7



<b>900LPH/SB7</b>	1	009000707
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900LP	0,8x4 - 1x5,5 - 1,2x6,5 - 1,2x8
900PH	PH1 - PH2 - PH3

## 900ME

socket drivers for hexagon screws



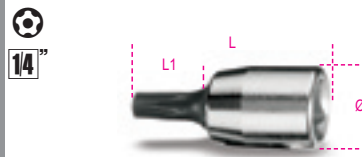
mm	Ø mm	L mm	L1 mm		
2,5	12	25	4,5	10	009000502
3	12	25	5,0	10	009000503
4	12	25	5,6	10	009000504
5	12	25	6,3	10	009000505
6	12	25	7,6	10	009000506
7	13	25	7,2	10	009000507
8	13	25	8,0	10	009000508
10	13	25	8,7	5	009000510



<b>900ME/SB8</b>	1	009000518
2,5-3-4-5-6-7-8-10 mm		

## 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

socket drivers for Torx® head screws



"	Ø mm	L mm	L1 mm		
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

## 900/16

adaptor, 1/4" female and 3/8" male drives

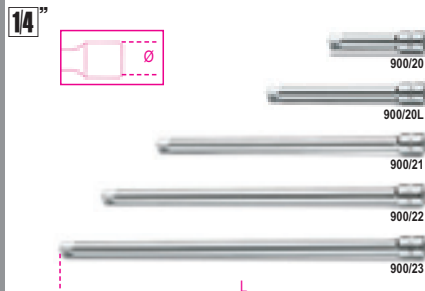


UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■		
28	13,0	1/4	3/8	5	009000814

## 900/...

1/4" female and male drive extension bars



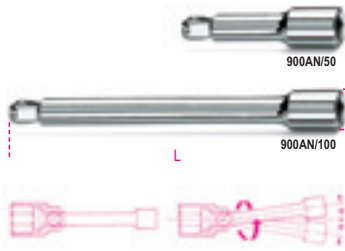
UNI/ISO 3316 DIN 3123

"	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

1/4"

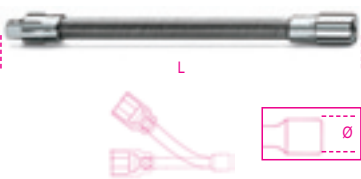


	L mm	Ø mm		
900AN/50	50	11,5	3	009000825
900AN/100	100	11,5	3	009000826

### 900FL

1/4" flexible universal extension bar

1/4"



L mm	Ø mm		
150	12	3	009000828

### 900/25

1/4" drive universal joint

1/4"



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
41	12,5	5	009000830

### 900BG/30C

1/4" drive spinner handle

1/4"



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
128	20	5	009000833

### 900BG/30

1/4" drive spinner handle

1/4"



UNI /ISO 3315 DIN 3122

L mm	L1 mm		
176	68	5	009000834

### 900/32

1/4" drive flexible handle

1/4"



L mm	L1 mm		
280	154	2	009000839

### 900/35A

1/4" drive swivel handle

1/4"



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
148	84	5	009000840

### 900M/35

1/4" swivel drive with metal handle

1/4"



L mm			
130		3	009000845

### 900/40

1/4" drive swivel T-handle

1/4"

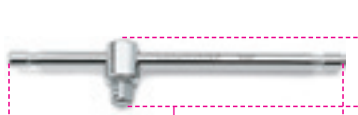


L mm	L1 mm		
390	145	5	009000843

### 900/42

1/4" drive sliding T-handle

1/4"



UNI/ISO 3315 DIN 3122

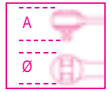
L mm	A mm		
115	22	5	009000854

### 900/55

1/4" drive reversible ratchet, 48 teeth

48

1/4"



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
125	25	18	5	009000870

### 900M/55

1/4" drive reversible ratchet with metal handle

1/4"



L mm	Ø mm	A mm		
110	22	18	3	009000905

### 900/C11

11 hexagon sockets, 20 bits and 8 accessories

1/4"

1/4"



900/C11		
1	009000971	

- 861LP 0,5x3 - 0,8x5,5
- 861PE 1x5,5 - 1,2x6,5 mm
- 861PH 3 - 4 - 5 - 6 - 8 mm
- 861TX 0 - 1 - 2 - 3
- 895/1 T8 - T10 - T15 - T20
- 900 T25 - T30 - T40
- 900 5 - 5,5 - 6 - 7 - 8 - 9 - 10
- 900/16 11 - 12 - 13 - 14 mm
- 900/20 □ 1/4 - ■ 3/8
- 900/21 50 mm
- 900/25 150 mm
- 900BG/30
- 900/42
- 900/55

270x120x45 mm - 1,2 kg



### 900/C13-5

13 hexagon sockets and 5 accessories

14"



#### 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 - 1,1 kg

### 900/C13-8

13 hexagon sockets and 8 accessories

14"



#### 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

14"



#### 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

### 900/C24

13 hexagon sockets, 11 socket drivers and 6 accessories

14"



#### 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

### 900MB/C28

11 bi-hex sockets, 11 socket drivers and 6 accessories

14"



#### 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



## 900AS/C10 - /MB-C17

10 sockets and 7 accessories

1/4"



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

1/4"



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/C30

7 hexagon sockets,  
21 bits and 2 accessories

1/4"

1/4"



1 009000958

	855	1/4"
	861LP	0,8x5,5 - 1x5,5 - 1,2x6,5 mm
	861PH	1 - 2(x2) - 3
	861PE	2 - 2,5 - 3 - 4 - 5 mm
	861PZ	1 - 2(x2) - 3
	861RTX	T9 - T10 - T15 - T20 - T25
	892/3	■ 1/4 ● 1/4
	900	5 - 5,5 - 6 - 7 - 8 - 10 - 13 mm

270x120x45 mm - 950 g

## 902R/C6

6 adaptors for socket drivers



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

## 910A

hexagon hand sockets

3/8"

3/8"



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

mm	Ø	L	Ø1	
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

3/8"

3/8"



## 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

3/8"

3/8"



UNI/ISO 2725 DIN 3124

mm	Ø	L	Ø1	
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

3/8"

3/8"



## 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		
8	12,0	55	17	5	009100158
9	13,0	55	17	5	009100159
10	14,5	55	17	5	009100160
11	16,0	55	17	5	009100161
12	17,0	55	17	5	009100162
13	18,0	55	17	5	009100163
14	20,0	55	18	5	009100164
15	21,0	55	20	5	009100165
16	22,0	55	20	5	009100166
17	23,5	55	22	5	009100167
18	24,5	55	23	5	009100168
19	25,0	55	24	5	009100169
21	27,0	65	26	5	009100171
22	29,0	65	28	5	009100172



### 910AL/SB14

8-9-10-11-12-13-14  
15-16-17-18-19-21-22 mm

## 910BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

mm	ø mm	L mm	ø1 mm		
8	12,0	55	17	5	009100308
9	13,0	55	17	5	009100309
10	14,5	55	17	5	009100310
11	16,0	55	17	5	009100311
12	17,0	55	17	5	009100312
13	18,0	55	17	5	009100313
14	20,0	55	18	5	009100314
15	21,0	55	20	5	009100315
16	22,0	55	20	5	009100316
17	23,5	55	22	5	009100317
18	24,5	55	23	5	009100318
19	25,0	55	24	5	009100319
21	27,0	65	26	5	009100321
22	29,0	65	28	5	009100322

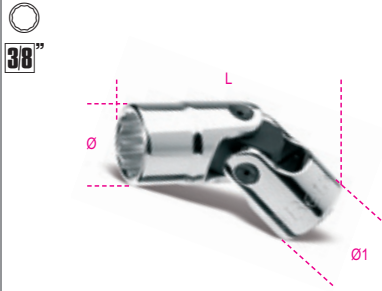


### 910BL/SB14

8-9-10-11-12-13  
14-15-16-17-18  
19-21-22 mm

## 910B/SN

swivel end bi-hex hand sockets



mm	ø mm	L mm	ø1 mm		
10	14,5	48,5	19	5	009100230
11	15,8	49,5	19	5	009100231
12	17,0	50,0	19	5	009100232
13	18,3	51,0	19	5	009100233
14	19,5	51,0	19	5	009100234
15	20,8	53,5	19	5	009100235
16	22,0	53,5	19	5	009100236
17	23,3	54,5	19	5	009100237
18	24,5	54,5	19	5	009100238
19	25,8	56,5	19	5	009100239

## 910A/AS

hexagon hand sockets



"	ø mm	L mm	ø1 mm		
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

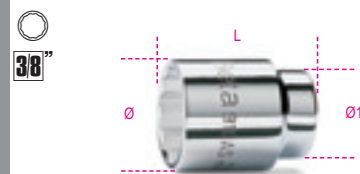


### 910A-AS/SB13

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

## 910AS

bi-hex hand sockets



"	ø mm	L mm	ø1 mm		
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

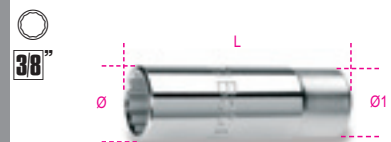


### 910AS/SB13

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

## 910AS/L

bi-hex hand sockets, long series



"	ø mm	L mm	ø1 mm		
1/4	10	55	17	5	009100350
5/16	12	55	17	5	009100351
3/8	14	55	17	5	009100352
7/16	16	55	17	5	009100353
1/2	18	55	17	5	009100354
9/16	20	55	18	5	009100355
19/32	21	55	20	5	009100356
5/8	22	55	20	5	009100357
11/16	23	55	22	5	009100359
3/4	25	55	24	5	009100360
13/16	27	65	26	5	009100362
7/8	29	65	28	5	009100363



### 910ASL/SB12

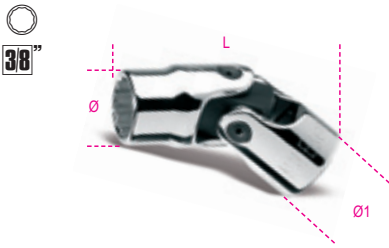
1/4-5/16-3/8-7/16  
1/2-9/16-19/32-5/8-11/16  
3/4-13/16-7/8





## 910AS/SN

swivel end bi-hex hand sockets

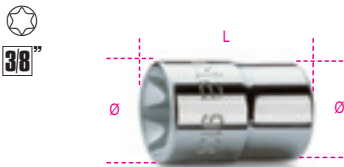


\* SAE AS 954E

"	Ø mm	L mm	Ø1 mm		
* 3/8	14,0	48,0	19	5	009100260
* 7/16	15,8	51,0	19	5	009100261
* 1/2	18,3	51,0	19	5	009100262
* 9/16	19,5	51,0	19	5	009100263
* 5/8	22,0	53,5	19	5	009100264
* 11/16	24,5	54,5	19	5	009100265
3/4	25,8	56,5	19	5	009100266

## 910FTX

hand sockets for Torx® head screws



"	Ø mm	L mm	Ø1 mm		
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
E12	14,5	26	17,3	5	009100412
E14	15,8	26	17,3	5	009100414
E16	18,0	26	17,3	5	009100416



<b>910FTX/SB9</b>	1	009100430
E4-E5-E6-E7-E8		
E10-E12-14-E16		

## 910FTX/L

hand sockets for Torx® head screws, long series



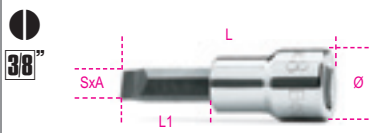
"	Ø mm	L mm	Ø1 mm		
E4	6,2	55	17,3	5	009100440
E5	7,0	55	17,3	5	009100441
E6	8,3	55	17,3	5	009100442
E7	8,9	55	17,3	5	009100443
E8	9,9	55	17,3	5	009100444
E10	12,0	55	17,3	5	009100445



<b>910FTX/LSB6</b>	1	009100449
E4-E5-E6		
E7-E8-E10		

## 910LP

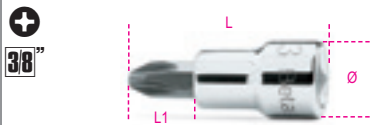
socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	18,5	54	24	5	009100452
1,2x6,5	18,5	54	24	5	009100453
1,2x8	18,5	54	24	5	009100454
1,6x9	18,5	54	24	5	009100456

## 910PH

socket drivers for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	18,5	48	18	5	009100471
2	18,5	48	18	5	009100472
3	18,5	48	18	5	009100473
4	18,5	48	18	5	009100474

## 910LH/SB7

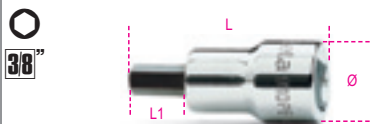
socket drivers for cross head Phillips® screws



<b>910LH/SB7</b>	1	009100479
910LP	1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x9	
910PH	PH1 - PH2 - PH3	

## 910PE

socket drivers for hexagon screws



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
10	18,5	50	20	5	009100500



<b>910PE/SB7</b>	1	009100503
3-4-5-6-7-8-10 mm		

## 910ME

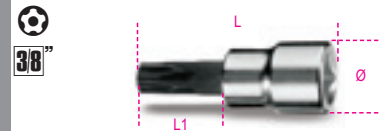
socket drivers for hexagon screws



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

## 910PT

socket drivers for 5-star head screws



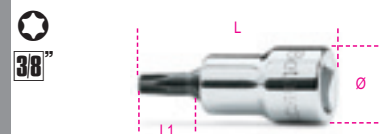
"	Ø mm	L mm	L1 mm		
PT40	20	50	20	3	009100540
PT45	20	50	20	3	009100545
PT50	20	50	20	3	009100550



<b>910PT/SB8</b>	1	009100558
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



**910TX/SB6**  
T15-T20-T25  
T27-T30-T40

1 009100530

### 910CF

3/8" square drive crowfoot wrenches



mm	A mm	L mm	
10	21,3	32,3	5 009100135
11	23,1	34,3	5 009100136
12	25,5	36,2	5 009100137
13	26,9	37,4	5 009100138
14	30,2	40,0	5 009100139
15	33,3	41,3	5 009100140
16	33,3	41,3	5 009100141
17	38,1	46,5	5 009100142
18	38,1	46,5	5 009100143
19	39,6	48,0	5 009100144



**910CF/SB10**  
10-11-12-13-14-15  
16-17-18-19 mm

1 009100147

### 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

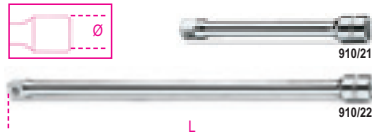


UNI/ISO 3316 DIN 3123

L mm	Ø mm	□	■	
32	18,0	3/8	1/2	5 009100814

### 910/21 - 910/22

3/8" drive extension bars

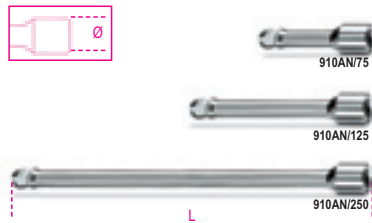


UNI/ISO 3316 DIN 3123

	L mm	Ø mm	
910/21	125	17	5 009100822
910/22	250	17	5 009100826

### 910AN

3/8" wobble extension bars



	L mm	Ø mm	
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	
54,6	19	5 009100830

### 910M/35

3/8" swivel drive with metal handle

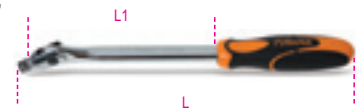


UNI/ISO 3315 DIN 3122

L mm	
250	3 009100839

### 910/36A

3/8" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm	
255	154	3 009100845

### 910/40

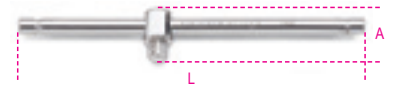
3/8" drive swivel T-handle



L mm	L1 mm	
420	175	3 009100850

### 910/42

3/8" drive sliding T-handle



UNI/ISO 3315 DIN 3122

L mm	A mm	
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	
315	80	115	1 009100862



### 910/55

3/8" drive reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	
200	30	33	3 009100882

### 910/55Q

3/8" drive reversible ratchet 48 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	
200	30	33	3 009100885

### 910M/55

3/8" drive reversible ratchet with metal handle



L mm	Ø mm	A mm	
178	30	26	2 009100875

### 910M/56

3/8" drive reversible swivel ratchet with metal handle



L mm	Ø mm	A mm	
265	31	29	2 009100887

### 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

### 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

910A/C16Q 1 009100932

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	
910/55Q	

335x145x60 mm - 2,3 kg

### 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

910B/C16Q 1 009100933

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	
910/55Q	

335x145x60 mm - 2,3 kg

# Beta



## 910A/C17

17 hexagon sockets and 9 accessories

38"



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

38"



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

38"



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

38"



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

## 920A

hexagon hand sockets



12"



UNI/ISO 2725 DIN 3124

mm	Ø 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



12"



920A/SB13

10-11-12-13-14-15-16  
17-18-19-20-21-22 mm

1 009200040



12"



920A/SB8

23-24-25-26-27-28-30-32 mm

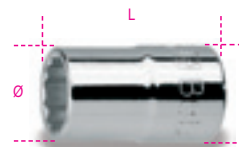
1 009200042

## 920B

bi-hex hand sockets



12"



UNI/ISO 2725 DIN 3124

mm	Ø 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

mm	Ø mm	L mm	Ø1 mm		
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**  
10-11-12-13-14-15-16  
17-18-19-20-21-22 mm  
1 009200140



**920B/SB8**  
23-24-25-26-27  
28-30-32 mm  
1 009200142

### 920AL

hexagon hand sockets,  
long series



UNI/ISO 2725 DIN 3124

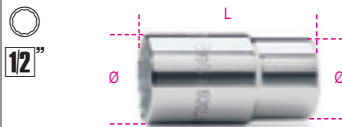
mm	Ø mm	L mm	Ø1 mm		
10	14,7	77	21	5	009200626
12	17,8	77	21	5	009200627
13	19,0	77	22	5	009200628
14	20,3	77	22	5	009200629
15	21,5	77	22	5	009200630
16	22,8	77	22	5	009200631
17	24,0	77	23	5	009200632
18	25,0	77	24	5	009200633
19	26,5	77	25	5	009200634
21	29,0	77	27	5	009200635
22	30,0	77	28	5	009200636
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



**920AL/SB11**  
10-12-13-14-15-16  
17-18-19-21-22 mm  
1 009200644

### 920BL

bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

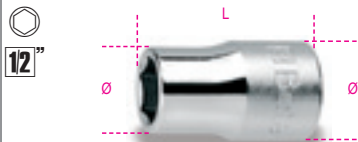
mm	Ø mm	L mm	Ø1 mm		
10	14,7	77	21	5	009200310
12	17,8	77	21	5	009200312
13	19,0	77	22	5	009200313
14	20,3	77	22	5	009200314
15	21,5	77	22	5	009200315
16	22,8	77	22	5	009200316
17	24,0	77	23	5	009200317
18	25,0	77	24	5	009200318
19	26,5	77	25	5	009200319
21	29,0	77	27	5	009200321
22	30,0	77	28	5	009200322
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



**920BL/SB11**  
10-12-13-14-15-16-17-18  
19-21-22 mm  
1 009200338

### 920A/AS

hexagon hand sockets



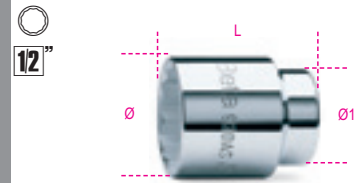
mm	Ø mm	L mm	Ø1 mm		
3/8	14,6	37	21	5	009200270
7/16	16,5	37	21	5	009200272
1/2	19,0	37	22	5	009200273
9/16	20,3	37	22	5	009200274
5/8	22,8	37	22	5	009200276
11/16	25,0	37	24	5	009200277
3/4	26,5	38	25	5	009200279
13/16	29,0	38	27	5	009200281
7/8	30,0	40	28	5	009200282
15/16	32,8	42	30	5	009200284
1	35,0	42	32	5	009200285
1.1/16	36,5	43	33	5	009200287
1.1/8	39,0	43	35	5	009200289
1.1/4	42,8	46	38	5	009200292



**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



mm	Ø mm	L mm	Ø1 mm		
3/8	14,9	38	21,7	5	009200201
7/16	16,1	38	21,7	5	009200202
1/2	18,7	38	21,7	5	009200203
9/16	20,1	38	21,7	5	009200204
5/8	22,7	38	22,5	5	009200206
19/32	21,5	38	23,7	5	009200207
11/16	25,3	39	24,0	5	009200208
3/4	26,6	39	24,0	5	009200209
25/32	27,8	40	25,0	5	009200210
13/16	28,8	40	25,0	5	009200211
7/8	29,9	41	26,0	5	009200212
15/16	32,2	43	27,0	5	009200214
1	34,2	45	28,0	5	009200216
1.1/16	36,2	46	29,0	5	009200217
1.1/8	38,6	48	31,0	5	009200218
1.3/16	40,2	48	32,0	5	009200219
1.1/4	42,3	49	33,5	5	009200220



**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



mm	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



**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

## 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	5	009200387
E24	26,5	40	25	5	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	5	009200403
E18	20,4	77	21,8	5	009200404
E20	22,9	77	22,0	5	009200405



12"



920FTX/LSB6  
E10-E12-E14  
E16-E18-E20

1 009200409

## 920LP

socket drivers for slotted head screws



12"



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	22,5	62	24	5	009200452
1,2x6,5	22,5	62	24	5	009200453
1,2x8	22,5	62	24	5	009200454
1,6x9	22,5	62	24	5	009200456
2x12	22,5	62	24	5	009200458

## 920PH

socket drivers for cross head Phillips® screws



12"



PH	Ø mm	L mm	L1 mm		
1	22,5	56	18	5	009200471
2	22,5	56	18	5	009200472
3	22,5	56	18	5	009200473
4	22,5	56	18	5	009200474

## 920LH/SB7

socket drivers for cross head  
Phillips® screws



12"



920LH/SB7	1	009200478
920LP	1,2x6,5 - 1,2x8 1,6x9 - 2x12 mm	
920PH	PH2 - PH3 - PH4	



## 920PE

socket drivers for hexagon screws



12"



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	20	5	009200426
10	22,5	58	20	5	009200428
10L	22,5	140	102	5	009200429
12	23,0	58	20	5	009200432
14	23,0	58	20	5	009200434
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

270X120X45 mm - 1,5 kg

1 009200443

## 920PE/LS4

set of 4 socket drivers item 920PE



12"



6L-7L-8L-10L

1 009200442



## 920PE/AS

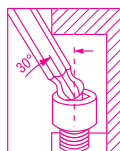
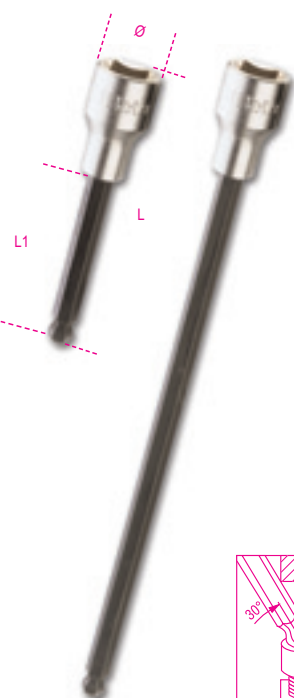
socket drivers for hexagon screws



"	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
<b>3/8</b>	<b>22,5</b>	<b>58</b>	<b>20</b>	<b>2</b>	<b>009200464</b>
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468

## 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



<b>920BP/BB8</b>	1	009200500
5L-6L-7L-8L-10L mm		
5XL-6XL-8XL mm		

## 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



<b>920ME/SB7</b>	1	009200519
5-6-8-10-12-14-17 mm		



<b>920ME/C7</b>	1	009200518
5-6-8-10-12-14-17 mm		
250X100X35 mm - 1,4 kg		

## 920TX

socket drivers for Torx® head screws



mm	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200520
T25	22,5	58	20	5	009200521
T27	22,5	58	20	5	009200522
T30	22,5	58	20	5	009200523
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
T55	23,0	58	20	3	009200527
T55L	23,0	140	102	3	009200539
T60	23,0	58	20	3	009200528
T70L	23,0	120	82	3	009200541



<b>920TX/SB9</b>	1	009200532
T20-T25-T27-T30		
T40-T45-T50-T55-T60		



<b>920TX/C9</b>	1	009200546
T20-T25-T27-T30-T40		
T45-T50-T55-T60		
270X120X45 mm - 1,2 kg		

## 920TX/LS4

set of 4 socket drivers item 920TX



T40L-T45L-T55L-T70L	1	009200544
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## 920RTX

socket drivers for Tamper Resistant Torx® head screws



mm	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



<b>920RTX/SB5</b>	1	009200378
T20-T25-T27-T30-T40		

## 920XZN

socket drivers with XZN® profile



mm	Ø mm	L mm	L1 mm		
M4	22,5	58	20	5	009200559
M5	22,5	58	20	5	009200560
M6	22,5	58	20	5	009200561
M6L	22,5	100	62	3	009200562
M8	22,5	58	20	5	009200563
M8L	22,5	100	62	3	009200564

Ø	L	L1		
mm	mm	mm		
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

**12"**

**920XZN/SB7**  
M4-M5-M6-M8  
M10-M12-M14

1 009200579

**12"**

**920XZN/SB12**  
M5-M6-M8-M10-M12  
M14-M16-M6L-M8L  
M10L-M12L-M14L

1 009200577

**12"**

**920XZN/LS5**  
M6L-M8L-M10L  
M12L-M14L

1 009200578

**920ES**  
special form socket drivers

**12"**

UNI 9326

Ø		L	L1		
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
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

**12"**

**920ES/SB7**  
7-9-10-11-12L-14L-16L

1 009200598

**920/15**  
adaptor, 1/2" female  
and 3/8" male drives

**12"**

UNI/ISO 3316 DIN 3123

L	□	■	Ø		
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

**12"**

UNI/ISO 3316 DIN 3123

L	□	■	Ø		
mm			mm		
46	1/2	3/4	26	5	009200814

**920/20 - 920/21 - 920/22**  
1/2" drive extension bars

**12"**

UNI/ISO 3316 DIN 3123

L	Ø		
mm	mm		
920/20	75	22	5 009200818
920/21	125	22	5 009200822
920/22	255	22	5 009200826



**920AN**  
1/2" wobble extension bars

**12"**

L	Ø		
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

**12"**

UNI/ISO 3316 DIN 3123

L	Ø		
mm	mm		
75	27		5 009200830

**920/35A**  
1/2" drive swivel handle

**12"**

UNI/ISO 3315 DIN 3122

L	L1		
mm	mm		
285	160		3 009200846

**920M/35**  
1/2" swivel drive with metal handle

**12"**

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	

### 920/40

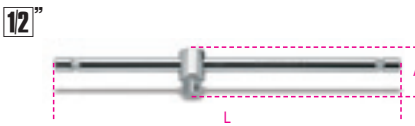
1/2" drive swivel T-handle



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

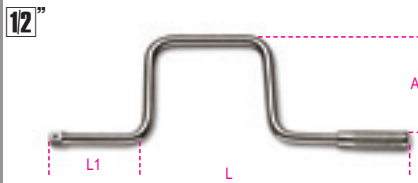
1/2" drive offset handle



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 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
275	40	42
3 009200871		

### 920/50F

1/2" female square drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
275	40	27
2 009200889		

### 920/55

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
275	40	43
3 009200882		

### 920/55Q

1/2" drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
275	40	43
3 009200885		

### 920/55X

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
200	30	33
3 009200895		

### 920/55LC

1/2" drive reversible ratchet "Locking System", 72 teeth



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
275	40	43
2 009200896		

### 920M/55

1/2" drive reversible ratchet with metal handle



UNI/ISO 3315 DIN 3122		
L	Ø	A
mm	mm	mm
253	38	35
1 009200893		



## 920/56A

1/2" drive swivel reversible ratchet,  
72 teeth



L	Ø	A		
mm	mm	mm		
315	40	43	1	009200911

## 920M/56

1/2" drive reversible swivel ratchet  
with metal handle



L	Ø	A		
mm	mm	mm		
330	38	35,7	2	009200894

## 920.../C11

11 sockets and 2 accessories



920A/C11	1	009200921
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	○ 920A	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
	920/22	255 mm
	920/50	
≡ 335x145x60 mm -		

920B/C11	1	009200922
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	○ 920B	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
	920/22	255 mm
	920/50	
≡ 335x145x60 mm -		

## 920.../C12...

12 sockets and 5 accessories



920A/C12X	1	009200933
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	○ 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 -		

920A/C12	1	009200931
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	○ 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 -		

920B/C12X	1	009200934
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	○ 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 -		

920B/C12	1	009200932
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	○ 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 -		

## 920.../C20...

20 sockets and 5 accessories



920A/C20X	1	009200950
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	○ 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 -		

920A/C20	1	009200948
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	○ 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 -		

920A/C20Q	1	009200955
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	○ 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 -		

920B/C20	1	009200949
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	○ 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 -		

## 920.../C20...

20 sockets and 5 accessories

12"



920B/C20X

1 009200951

	○ 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		

## 920.../C21...

21 sockets and 6 accessories

12"



920A/C21

1 009200952

	○ 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/C21X

1 009200983

	○ 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	
	920/55	
≡ 420x280x60 mm - 6,4 kg		

920B/C21

1 009200953

	○ 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

1 009200984

	○ 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

1 009200975

	○ 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		

## 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




## 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




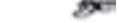


## 920AS/C17X

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





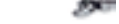

## 920AS/MBM-C21

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

## 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





## 920TX/C17

6 bits, 6 sockets, 5 socket drivers and 4 accessories for Torx® head screws



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

## 928B

bi-hex hand sockets

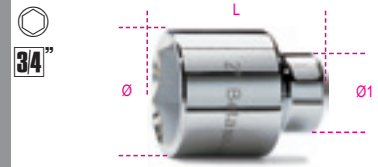


UNI/ISO 3316  
DIN 3123

mm	Ø mm	L mm	Ø1 mm	Hand	Case
19	29,2	50	34	5	009280119
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	5	009280128
29	40,2	58	35	5	009280129
30	41,5	58	37	5	009280130
32	44,3	60	37	5	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

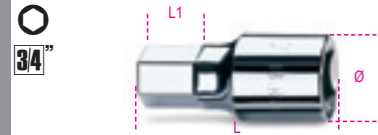
hexagon hand sockets



mm	Ø mm	L mm	Ø1 mm	Hand	Case
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	Hand	Case
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	Female	Male	Hand	Case
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



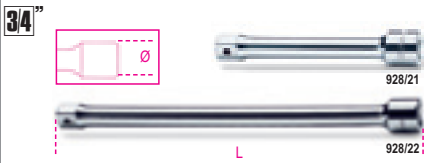
UNI/ISO 3316  
DIN 3123

L mm	Ø mm	Female	Male	Hand	Case
65	34	3/4	1"	5	009280807



### 928/21 - 928/22

3/4" drive extension bars



UNI/ISO 3316  
DIN 3123

	L mm	Ø mm		
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

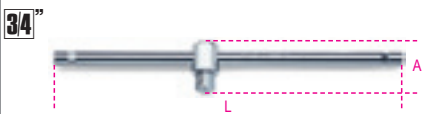
3/4" drive swivel handle



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" drive reversible ratchet, 72 teeth



L mm	Ø mm	A mm		
510	58	59	2	009280862

### 928.../C12

assortment of 12 hexagon hand sockets and 5 accessories in sheet metal case



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



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

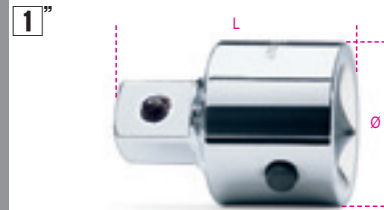


UNI/ISO 2725 DIN 3124

Ø mm	L mm	Ø1 mm		
36	49,5	65	48	1 009290036
41	56,0	70	48	1 009290041
46	62,0	75	48	1 009290046
50	67,5	80	48	1 009290050
55	74,0	85	54	1 009290055
60	80,0	90	54	1 009290060
65	86,0	95	54	1 009290065
70	92,0	100	60	1 009290070
75	99,0	110	60	1 009290075
80	106,0	120	60	1 009290080

### 929/15

adaptor, 1" female and 3/4" male drives



UNI/ISO 3316 DIN 3123

L mm	Ø mm	1"	3/4"		
65	47			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		
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			
535		1	009290850

### 929/55

1" drive slide T-handle



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm	
770	62	63	1 009290860

### 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	

560x290x12 mm - 29 kg

### 900/R55



900/R55 900/55 1 009000871

### 900M/R55



900M/R55 900M/55 1 009000888

### 910/R55



910/R55 606/6-606/10-612 666/6-666/10-910/55 599DGT/6 1 009100879

### 910M/R55



910M/R55 910M/55-910M/56 1 009100888

### 910/R55Q



910/R55Q 910/55Q 1 009100877

### 920/R50



920/R50 614/50-667/20-667/30 920/50 1 009200866

### 920/R55



920/R55 606/20-606/30-666/20-666/30 920/55-920/56A- 599DGT/20-599DGT/30 1 009200879

### 920M/R55



920M/R55 920M/55-920M/56 1 009200888

### 920/R55Q



920/R55Q 920/55Q 1 009200877

### 920/R55X



920/R55X 606/10X-612X 666/10X-920/55X-599DGT/10X 1 009200878

### 920/R55LC



920/R55LC 920/55LC "Locking System" 1 009200887

### 928/R55



928/R55 928/55 1 009280859

### 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	5	009300006
8x9	108	12,5	14,0	5	009300010
10x11	116	15,0	16,5	5	009300014
12x13	124	17,5	19,0	5	009300018
14x15	132	20,0	21,5	5	009300023
16x17	140	23,0	24,0	5	009300027
18x19	148	25,0	26,5	5	009300032
20x22	156	28,0	30,0	3	009300036
21x23	163	29,0	31,5	3	009300040
24x26	173	33,0	35,5	3	009300044
25x28	182	34,5	38,0	3	009300048
27x29	191	37,0	39,5	3	009300052
30x32	200	40,5	43,0	3	009300056



930/S8		
6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22 mm	1	009300081
930/S12	1	009300082
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-30x32 mm	1	009300083
930/S13	1	009300083
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	009300084



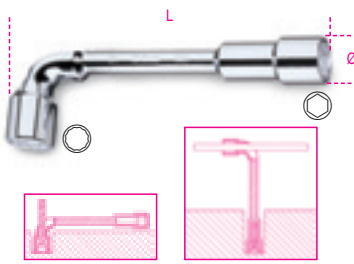
930/SP13		
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	009300084
930/SPV	1	009300095



930/C13		
6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	009300098

### 932

double ended hexagon / bi-hex offset socket wrenches, bright chrome-plated



NF E 74.303

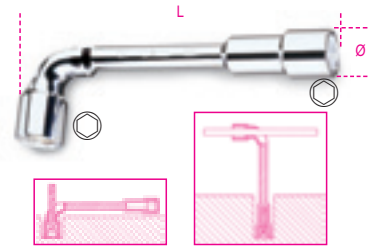
mm	Ø mm	L mm		
6x6	11,5	110	5	009320006
7x7	12,5	116	5	009320007
8x8	13,0	120	5	009320008
9x9	14,0	125	5	009320009
10x10	16,5	133	5	009320010
11x11	17,5	143	5	009320011
12x12	19,0	148	5	009320012
13x13	19,5	154	5	009320013
14x14	21,5	167	5	009320014
15x15	22,5	182	5	009320015
16x16	24,5	193	5	009320016
17x17	26,0	198	5	009320017
18x18	26,5	215	5	009320018
19x19	29,0	220	5	009320019
20x20	30,5	222	5	009320020
21x21	30,5	236	5	009320021
22x22	32,5	250	3	009320022
23x23	33,5	256	3	009320023
24x24	35,0	272	3	009320024
25x25	36,5	282	3	009320025
26x26	37,5	296	3	009320026
27x27	39,0	296	3	009320027
28x28	39,0	314	3	009320028
30x30	42,5	348	3	009320030
32x32	45,5	364	3	009320032



932/S11		
6-7-8-10-11-12 13-14-17-19-22 mm	1	009320080
932/S17	1	009320081
6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	1	009320082
932/S25	1	009320082
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	5	009330020
21x21	30,5	236	5	009330021
22x22	32,5	250	3	009330022
23x23	33,5	256	3	009330023
24x24	35,0	272	3	009330024
25x25	36,5	282	3	009330025
26x26	37,5	296	3	009330026
27x27	39,0	296	3	009330027
28x28	39,0	314	3	009330028
30x30	42,5	348	3	009330030
32x32	45,5	364	3	009330032



933/S11		
6-7-8-10-11-12 13-14-17-19-22 mm	1	009330080
933/S17	1	009330081
6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	1	009330082
933/S25	1	009330082
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

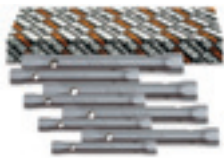
double ended hexagon tubular socket wrenches, light series



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	3	009350150
27x29	210	3	009350153
30x32	220	3	009350156





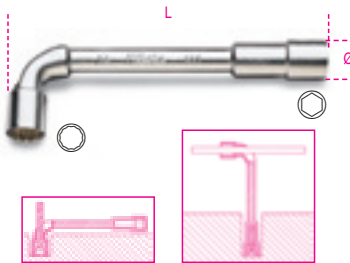
<b>935/S8</b>	1	009350181
6x7-8x9-10x11		
12x13-14x15-16x17		
18x19-20x22 mm		

<b>935/S12</b>	1	009350182
6x7-8x9-10x11		
12x13-14x15-16x17		
18x19-20x22-21x23		
24x26-25x28-30x32 mm		

<b>935/S13</b>	1	009350183
6x7-8x9-10x11		
12x13-14x15-16x17		
18x19-20x22-21x23		
24x26-25x28-27x29		
30x32 mm		

### 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	5	009370020
21x21	30,5	236	3	009370021
22x22	32,5	250	3	009370022
23x23	33,5	256	3	009370023
24x24	35,0	272	3	009370024
25x25	36,5	282	3	009370025
26x26	37,5	296	3	009370026
27x27	39,0	296	3	009370027
28x28	39,0	314	3	009370028
30x30	42,5	348	3	009370030
32x32	45,5	364	3	009370032



<b>937/S11</b>	1	009370080
6-7-8-10-11-12		
13-14-17-19-22 mm		

<b>937/S17</b>	1	009370081
6-7-8-9-10-11-12		
13-14-15-16-17		
18-19-20-21-22 mm		

### 940

tommy bars for tubular wrenches items 930 and 935



	Ø mm	L mm		
940/1	6÷13	100	5	009400001
940/2	14÷22	170	5	009400002
940/3	21÷32	290	5	009400003

### 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	14,0	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	5	009420010
11	202	70	21,5	5	009420011
12	202	70	22,5	5	009420012
13	202	70	23,5	5	009420013
14	202	70	24,5	5	009420014



<b>942BX/S12</b>	1	009420030
4-5-5,5-6-7-8-9		
10-11-12-13-14 mm		

### 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	14,5	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	5	009430010
11	282	150	21,5	5	009430011
12	282	150	22,5	5	009430012
13	282	150	23,5	5	009430013
14	282	150	24,5	5	009430014



<b>943BX/S12</b>	1	009430030
4-5-5,5-6-7-8-9		
10-11-12-13-14 mm		



<b>943BX/D6</b>	1	009430026
5-6-7-8-10-13 mm		

### 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



<b>943FL/S6</b>	1	009430320
5-5,5-6-7-8-10 mm		

### 944BX

deep, hi-torque hexagon nut spinners long series



ISO 2236 UNI 6750

mm	L mm	L1 mm	A1 mm		
4	245	125	20	5	009440003
5	245	125	25	5	009440004
5,5	245	125	30	5	009440005
6	245	125	35	5	009440006
7	245	125	35	5	009440007

mm	L	L1	A1		
8	257	125	50	5	009440008
9	257	125	50	5	009440009
10	257	125	50	5	009440010
11	257	125	50	5	009440011
12	257	125	50	5	009440012
13	257	125	55	5	009440013
14	257	125	55	5	009440014



**944BX/S12**  
4-5-5,5-6-7-8-9  
10-11-12-13-14 mm

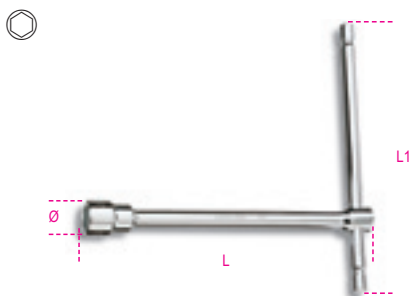


**944BX/D6**  
5-6-7-8-10-13 mm



## 950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

mm	L	Ø	L1		
6	210	10,1	145	5	009500006
7	212	11,2	145	5	009500007
8	220	12,4	160	5	009500008
9	223	13,5	160	5	009500009
10	230	14,9	160	5	009500010
11	233	16,1	160	5	009500011
12	240	17,5	175	5	009500012
13	244	19,7	175	5	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	3	009500022
24	300	32,2	320	3	009500024
27	315	36,2	370	3	009500027



**950/S9**  
7-8-10-11-12  
13-14-17-19 mm

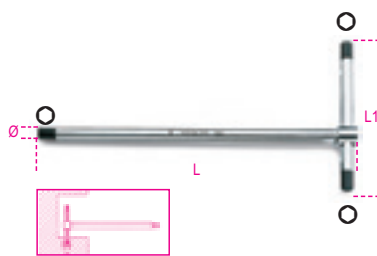


**950/S14**  
6-7-8-9-10-11-12-13  
14-15-16-17-19-22 mm

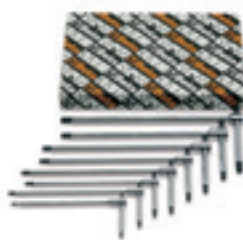


## 951

T-handle wrenches with three hexagon male ends



mm	L	L1	Ø		
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/S8**  
2-2,5-3-3,5-4-4,5-5-6 mm



**951/S14**  
2-2,5-3-3,5-4-4,5  
5-6-7-8-9-10-12-14 mm



**951/SP6**  
3-4-5-6-8-10 mm



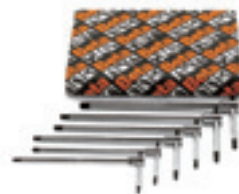
**951/SPV**  
1 009510697

## 951AS

T-handle wrenches with three hexagon male ends



"	L	L1	Ø		
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	5	009510754
3/16	195	86	6,5	5	009510755
7/32	215	99	8,0	5	009510757
1/4	230	109	9,0	5	009510758
5/16	250	122	10,0	5	009510759
3/8	280	142	12,0	5	009510760

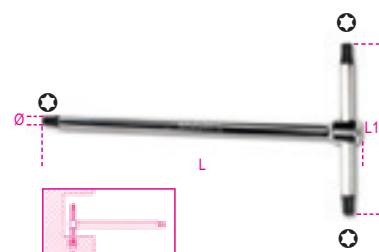


**951AS/S6**  
5/32-3/16-7/32  
1/4-5/16-3/8



## 951TX

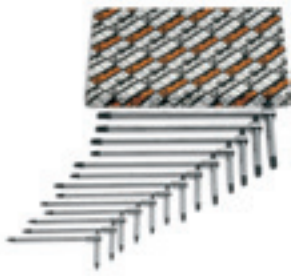
T-handle wrenches with three male ends for Torx® head screws



mm	L	L1	Ø		
T6	125	63	4	5	009510806
T7	125	63	4	5	009510807
T8	125	63	4	5	009510808
T9	125	63	4	5	009510809
T10	150	63	4	5	009510810
T15	150	63	4	5	009510815
T20	175	76	5	5	009510820
T25	175	76	5	5	009510825
T27	195	87	6	5	009510827
T30	195	87	6	5	009510830
T40	215	99	7	5	009510840
T45	230	109	8	5	009510845
T50	250	122	9	5	009510850





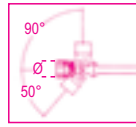


**951TX/S13**  
T6-T7-T8-T9-T10-T15-T20-T25  
T27-T30-T40-T45-T50

1 009510863

## 952AS

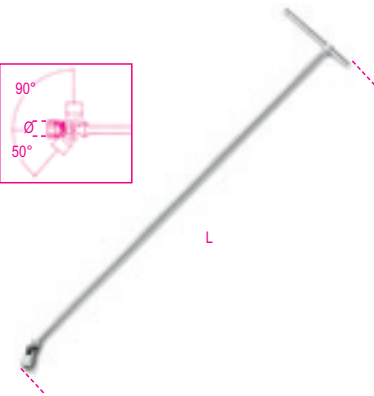
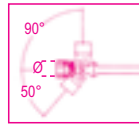
T-handle wrenches with swivelling hexagon sockets



⊘ "	⊘ 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

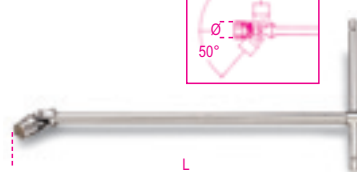
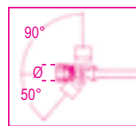
T-handle wrenches with swivelling hexagon sockets, long series



⊘ mm	⊘ 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



⊘ mm	⊘ 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

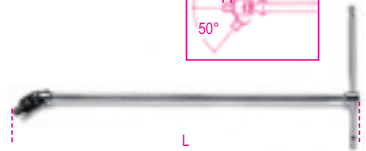
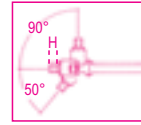


**952FTX/S9**  
E6-E7-E8-E10-E12  
E14-E16-E18-E20

1 009520141

## 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	5 009530135
4	6	395	5 009530140
4,5	7	395	5 009530145
5	7	395	5 009530150
6	9	400	5 009530160
7	10	425	5 009530170
8	11	425	5 009530180
10	13	440	5 009530200

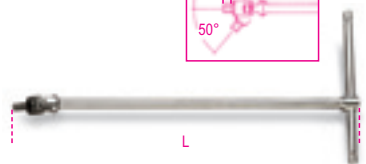
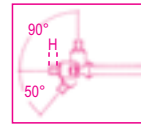


**953/S9**  
3-3,5-4-4,5  
5-6-7-8-10 mm

1 009530301

## 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

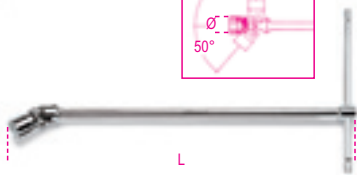
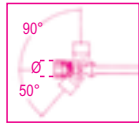


**953TX/S8**  
T20-T25-T27-T30  
T40-T45-T50-T55

1 009530060

## 952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

⊘ mm	⊘ 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**  
8-10-11-13-14-17-19 mm

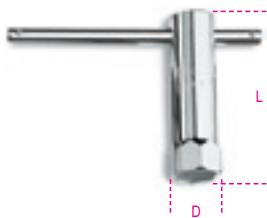
1 009520074

**952/S18**  
6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21-22-24 mm

1 009520083

**955**

tubular spark-plug wrench  
chrome-plated, hexagon end



mm -"	D mm	L mm		
16	21	86	3	009550016
5/8				
20,8	29	86	3	009550021
13/16				

**956C**

1/2" square drive spark plug sockets  
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm		
14	18,8	70	5	009560008
9/16				
16	21,4	70	5	009560010
5/8				
17,8	23,6	70	5	009560011
11/16				
20,8	27,0	70	5	009560012
13/16				

**956E**

3/8" square drive spark plug sockets  
chrome-plated, hexagon ends



ISO 11168

mm -"	Ø mm	L mm		
14	18,8	70	5	009560018
9/16				
16	21,4	70	5	009560020
5/8				
17,8	23,6	70	5	009560021
11/16				
20,8	27,0	70	5	009560022
13/16				

**956L**

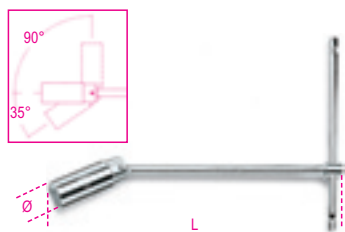
1/2" square drive spark plug sockets,  
bi-hex ends, long series



mm -"	Ø mm	L mm		
14	20,2	250	2	009560214
9/16				
16	24,0	250	2	009560216
5/8				
17,8	24,0	250	2	009560217
11/16				
20,8	28,5	250	2	009560221
13/16				

**957**

T-handle spark plug wrenches  
with swivelling sockets

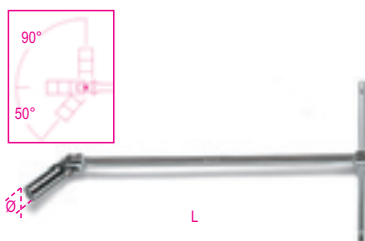


ISO 11168

mm -"	Ø 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 -"	Ø mm	L mm		
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

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				

**960**

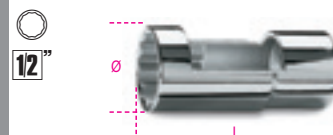
1/2" square drive socket  
for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	5	009600027

**960A**

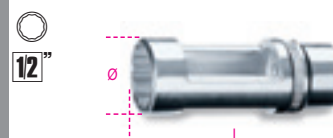
1/2" square drive socket  
for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	3	009600017

**960S**

1/2" square drive socket  
for Diesel engine injectors



mm	Ø mm	L mm		
22	30	82	1	009600022

**960SN**

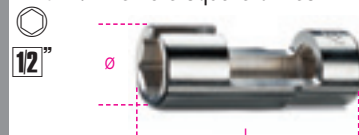
Diesel engine glow plug wrenches



mm	Ø mm	□		
8	12,0	1/4	2	009600834
9	13,3	1/4	2	009600835
10	14,5	3/8	2	009600836
11	15,8	3/8	2	009600837
12	17,0	3/8	2	009600838

**960SL**

sockets for Lambda probes  
with 1/2" female square drives



	Ø mm			
960SL85	33		3	009600085
○ 22xL= 85 mm				
960SL110	33		3	009600110
○ 22xL= 110 mm				

**960F**

socket for nozzle holder ring nuts



Ø mm	Ø1 mm	●1 mm	●2 mm		
28,3	22	32	22	1	009600148

### 960G

socket for Diesel engine injectors of Mercedes-Benz trucks



Ø mm	Ø1 mm	L mm
28,5	22	122

1 009600151

### 960L

socket for nozzle holder ring nuts

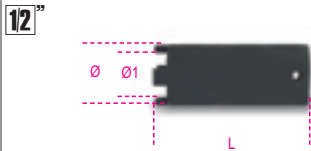


Ø mm	Ø1 mm	L mm
30	22	122

1 009600153

### 960M

socket for nozzle holder ring nuts



Ø mm	Ø1 mm	L mm
28,5	22	72

1 009600154

### 960H/C4

set of sockets for nozzle holder ring nuts



960H/C4 1 009600152

### 960PMC

Diesel injector test and calibrating hand pump



Bar max. 400 1 009600200

### 960AVL

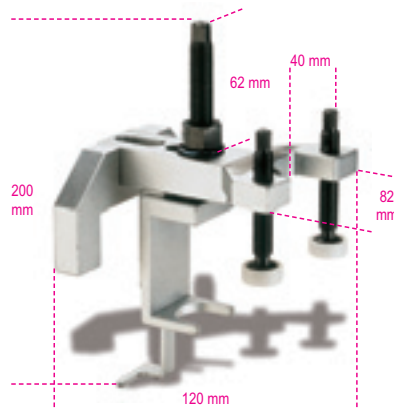
vapour extractor



Bar max. 6 1 009600210

### 960I

Bosh - Fiat common rail diesel electrical injector puller



960I 1 009600220

### 960AVE

device for testing common rail diesel electrical injectors



960AVE 1 009600245

430x310x50 mm - 2,0 kg

### 960K/AVE2

kit of adaptors for item 960AVE2

(included in item 960AVE)



960K/AVE2 1 009600249

250x150x30 mm - 523 g

### 960CMB

instrument for controlling compression on petrol engines



Bar 4+17 1 009600250

440x370x100 mm - 2,2 kg

# Beta



## 960CMD

instrument for controlling compression on Diesel engines



Bar  
8÷40 1 009600270  
≡ 440x370x100 mm - 2,4 kg

## 960KIT/1

3 dummy injectors and 1 dummy spark plug for item 960CMD



960KIT/1 1 009600600  
≡ 240x210x45 mm - 710 g

## 960P

pressure/depressure tester with accessories and adaptors



960P 1 009600777  
≡ 350x320x95 mm - 1,9 kg

## 960TP

digital pressure tester

with wireless module for Beta printer 1498ST/W



CE

### Specifications:

- bar: 0-80
- Resolution: 0.1 bar
- Storage of maximum pressure value
- Backlit LCD display
- Software in 6 languages (I, EN, F, ES, PL, NL)
- Environmental pressure adjustment
- Sensor accuracy: +/- 1% (0+60 bar)  
+/- 2% (60+80 bar)
- Sensor can be removed and replaced

960TP 1 009600300  
≡ 280x240x77 mm - 800 g

## 960AD/TP2

set of adaptors for item 960TP in plastic case



960AD/TP2 1 009600510  
≡ 430x310x50 mm - 3,2 kg

## 960TAP

digital common rail high pressure tester

CE



### SPECIFICATIONS:

Measuring range: 0-2000 bar / 0-29000 psi  
 Resolution: 1 bar  
 Storage of maximum pressure value  
 Display: Graphic LCD 64x128 pixels, backlit  
 Environmental pressure adjustment  
 Sensor accuracy: +/- 1%  
 Wireless data transmission to PC  
 Automatic engine start from tester  
 Overpressure limit: 3000 bar  
 Software in 6 languages: I-EN-F-ES-PL-NL

960TAP 1 009600350  
≡ 370x310x80 mm - 1,4 kg

## 960W

wireless receiver for PC (960TP-960TAP)



CE

### TECHNICAL DATA

Connection: USB 1.0 and 2.0  
 Reception frequency: 868 MHz  
 Power supply: USB-supplied power  
 Software: CD-ROM

960W 1 009600400

## 962

tyre levers



L mm	A mm	
300	21	5 009620003
400	25	5 009620004
500	27	3 009620005
600	27	3 009620006

## 963

pry bar with pointed and flat bent ends



L mm	A mm	
400	23	5 009630001

# Beta

**964**

pry bar with pointed and leverage ends



L mm	A mm	
400	46	5 009640001

**965**

pry bars with flat curved ends



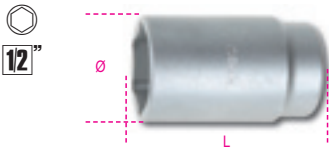
L mm	A mm	L1 mm	
300	16	185	2 009650013
450	20	312	2 009650014
600	20	462	2 009650016



965/S3	1 009650019
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**969A**

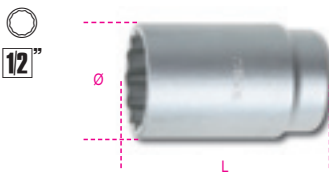
hub nut locking socket



mm	Ø mm	L mm	
35	46	76	1 009690035

**969B**

hub nut locking socket



mm	Ø mm	L mm	
30	40,0	76	1 009690130
32	42,5	76	1 009690132
34	45,0	76	1 009690134
36	49,0	76	1 009690136

**969/C5**

set of 5 hub nut locking sockets in plastic case

12"



969/C5	1 009690200
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969A	35
969B	30-32-34-36

**970EA**

impact sockets for axle nuts

3/4"



mm	mm	Ø mm	
98	36	122	1 009700398

**970EB**

impact sockets for axle nuts

1"



mm	mm	Ø mm	
95	36	126	1 009700595
110	36	133	1 009700410

**970Q**

impact sockets for rectangular nuts

3/4"

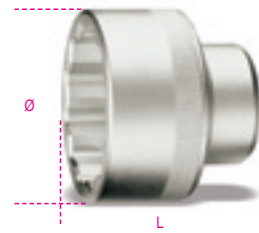


L mm	mm	□ - Ø	
56	3/4"		1 009700756
60	3/4"		1 009700760

**970B**

socket for locking Fiat Daily hub nuts

1"



mm	Ø mm	L mm	
65	88	75	1 009700010

**970C**

octagonal impact sockets for locking hub nuts



mm	□ - Ø	
80	41 mm	1 009700808
95	3/4"	1 009700815
100	3/4"	1 009700820
109	41 mm	1 009700829
115	3/4"	1 009700835
120	41 mm	1 009700840

**970OT**

oval impact sockets for locking trailer hub nuts

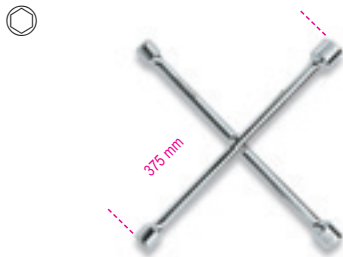


L mm	L1 mm	□ - Ø	
65	61	3/4"	1 009700165
80	73	3/4"	1 009700180
96	90	3/4"	1 009700196
111	104	41 mm	1 009700211



### 978 - 979 - 980

four-way hexagon wheel nut wrenches

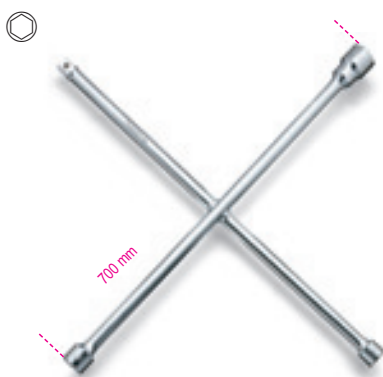


UNI/ISO 6788 DIN 3119

978	17x19x21x22 mm	2	009780001
979	17x19x22x1/2 mm	2	009790001
980	19x22x13/16x1/2 mm	2	009800003

### 982

four-way hexagon wheel nut wrench

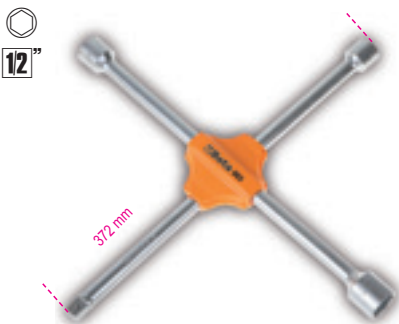


UNI/ISO 6788 DIN 3119

24x27x32x3/4 mm	2	009820001
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### 983

four-wheel hexagon wheel nut wrench for cars

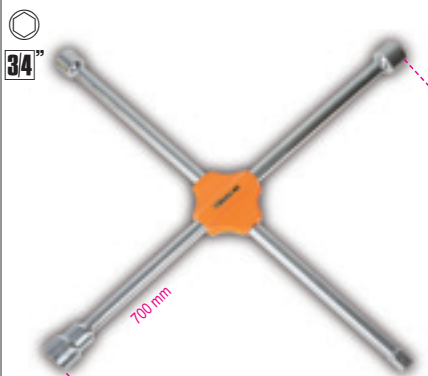


UNI/ISO 6788 DIN 3119

17x19x22x1/2 mm	2	009830001
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### 985

four-wheel hexagon wheel nut wrench for trucks



UNI/ISO 6788 DIN 3119

24x27x32x3/4 mm	1	009850001
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### 989

wheel balancing weight tool



L mm	2	009890001
250		

### 990

straight thin knurled point spring tweezers made from stainless steel bright finish



L mm	5	009900001
130		

### 991

bent thin knurled point spring tweezers made from stainless steel, bright finish



L mm	5	009910001
130		

### 992

straight thin knurled point pin spring tweezers made from stainless steel bright finish



L mm	5	009920001
150		

### 993

bent thin knurled point pin spring tweezers made from stainless steel bright finish



L mm	5	009930001
145		

### 993PL

bent thin knurled point pin spring tweezers made from stainless steel PVC-coated



L mm	5	009930010
150		

### 993G

pin spring tweezers, curved round ends, knurled made from stainless steel bright finish



L mm	5	009930030
160		

### 994

straight large knurled point spring tweezers made from stainless steel bright finish



L mm	5	009940001
150		

### 994PL

straight large knurled point spring tweezers made from stainless steel PVC-coated



L mm	5	009940010
150		





**994TF**

spring tweezers, acid and magnetic resistant, large round noses, strong and knurled ends made from stainless steel semi-bright finish



L mm 150 5 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 5 009990011

**999A**

extra slim short end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 5 009990015

**999B**

strong straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 5 009990017

**999C**

extra slim straight end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 110 5 009990019

**999D**

extra slim angled end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 115 5 009990021

**999E**

extra slim curved end spring tweezers, acid and magnetic resistant made from stainless steel semi-bright finish



L mm 120 5 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 5 009990027

**999/B6**

set of 6 spring tweezers, acid and magnetic resistant



999/B6  
999-999A-999B  
999C-999D-999E  
1 009990050

**1008**

long flat knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745  
L mm 160 L1 mm 51,5 5 010080006

**1008BM**

long flat knurled nose pliers bi-material handles



ISO 5745  
L mm 160 L1 mm 51,5 5 010080036

**1009**

extra-long knurled nose pliers, slip-proof double layer PVC coated handles



L mm 160 L1 mm 56,5 2 010090006

**1009/LA**

extra long needle knurled nose pliers, for special operations, slip-proof double layer PVC coated handles



L mm 283 L1 mm 80 2 010090008



### 1009/L/B

curved extra long knurled nose pliers, 45°, for special operations, slip-proof double layer PVC coated handles



L mm	L1 mm		
273	73	2	010090009

### 1009/L/C

bent extra long knurled nose pliers, 90°, for special operations, slip-proof double layer PVC coated handles



L mm	L1 mm		
253	45	2	010090010

### 1010

long round knurled nose pliers, slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm		
160	51,5	2	010100006

### 1010BM

long round knurled nose pliers bi-material handles



ISO 5745

L mm	L1 mm		
160	51,5	2	010100036

### 1032

internal circlip pliers, straight pattern PVC-coated handles



UNI 7914 DIN 5256

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



UNI 7914 DIN 5256

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



UNI 7914 DIN 5256

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

### 1034L

90° curved long nose pliers for elastic safety rings for holes, PVC-coated handles



L mm	∅ mm		
192	40÷100	2	010340320

### 1036

external circlip pliers, straight pattern PVC-coated handles



UNI 7915 DIN 5254

L mm	∅ mm		
140x0,9	3÷10	5	010360013
140x1,3	10÷25	5	010360014
175	19÷60	5	010360017
225	40÷100	3	010360021
300	85÷200	2	010360028

### 1037

external circlip pliers, bent pattern, 45° PVC-coated handles



UNI 7915 DIN 5254

L mm	∅ mm		
140x0,9	3÷10	5	010370013
140x1,3	10÷25	5	010370014
175	19÷60	5	010370017
225	40÷100	3	010370021

### 1038

external circlip pliers, bent pattern, 90° PVC-coated handles



UNI 7915 DIN 5254

L mm	∅ mm		
135x0,9	3÷10	5	010380013
135x1,3	10÷25	5	010380014
175	19÷60	5	010380017
220	40÷100	3	010380021
300	85÷200	2	010380028

### 1039

straight point pliers for internal and external circlips PVC-coated handles

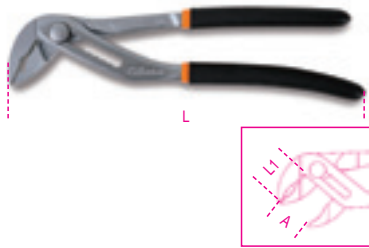


L mm	∅ mm	∅ mm		
150	10÷15	6÷25	2	010390015

### 1044

slip joint pliers overlapping joint  
PVC-coated handles

· 9-position model



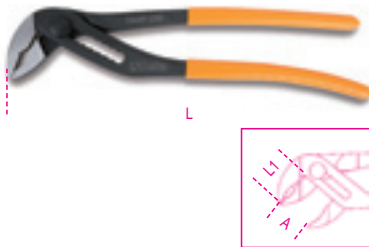
ISO 8976

L mm	A max mm	L1 mm	
250	48	39	5 010440250

### 1044F

slip joint pliers overlapping joint  
PVC-coated handles

· 9-position model

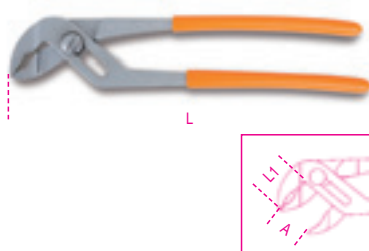


ISO 8976

L mm	A max mm	L1 mm	
250	48	39	5 010440015

### 1046

slip joint pliers overlapping rack-type joint  
PVC-coated handles

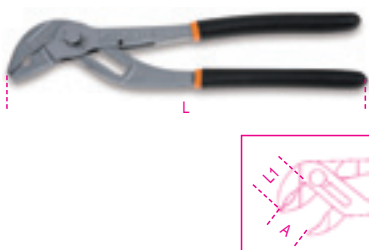


ISO 8976

L mm	A max mm	L1 mm	
240	28	33	5 010460240
400	107	55	1 010460400

### 1047

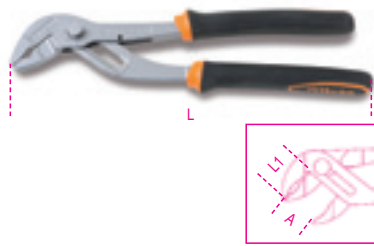
slip joint pliers, push button adjustment



L mm	A max mm	L1 mm	
240	36	35	2 010470240
300	50	48	1 010470300

### 1047BM

slip joint pliers, push button adjustment,  
bimaterial handles

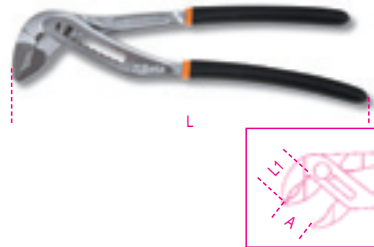


L mm	A max mm	L1 mm	
240	36	35	2 010470340

### 1048

slip joint pliers boxed joints  
PVC-coated handles

· new 9-position model



ISO 8976

L mm	A max mm	L1 mm	
175	30	29	3 010480010
250	48	39	5 010480015
300	56	47	2 010480020

### 1048BM

slip joint pliers, boxed joint, bimaterial handles

· new 9-position model  
· bimaterial handles

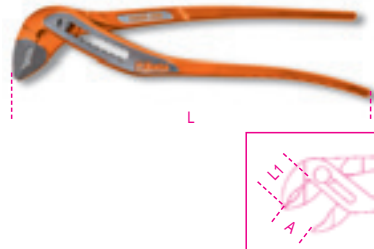


L mm	A max mm	L1 mm	
250	48	39	3 010480215

### 1048V

slip joint pliers boxed joints, orange lacquered

· new 9-position model

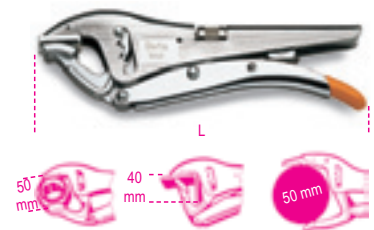


ISO 8976

L mm	A max mm	L1 mm	
175	30	29	3 010480110
250	48	39	5 010480115
300	56	47	2 010480120

### 1050

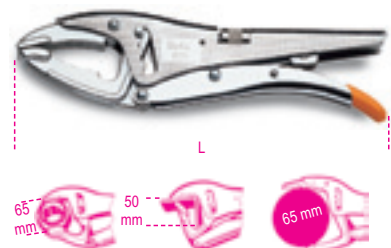
double adjustment self-locking pliers



L mm	
220	2 010500022

### 1051

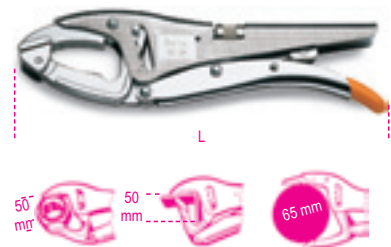
double adjustment self-locking pliers long jaws



L mm	
255	2 010510025

### 1051GM

double adjustment self-locking pliers,  
floating jaw



L mm	
255	2 010510250

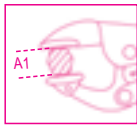
### 1052

adjustable self-locking pliers,  
concave jaws

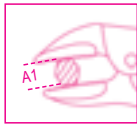


L mm	A1 max mm	
140	22	3 010520014
190	36	3 010520019
240	42	3 010520024
300	55	2 010520030

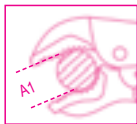


**1053**adjustable self-locking pliers,  
floating jaw

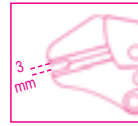
L mm	A1 max mm		
240	35	2	010530024

**1054**adjustable self-locking pliers,  
straight jaws

L mm	A1 max mm		
235	40	2	010540022

**1055**adjustable self-locking pliers,  
curved jaws

L mm	A1 max mm		
250	60	2	010550024

**1056**adjustable self-locking pliers  
for refrigerator engineers

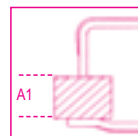
L mm			
190		2	010560019

**1057A**automatic self-locking pliers with adjustable  
force

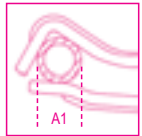
L mm			
240		2	010570124

**1058**adjustable self-locking pliers,  
long jaws

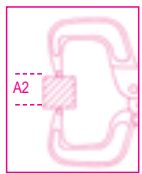
L mm	A1 max mm	A2 max mm		
180	38	/	2	010580018
240	65	100	2	010580024
310	80	150	2	010580031

**1060**adjustable self-locking pliers,  
fork-type jaws

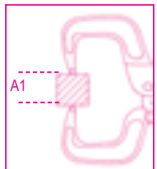
L mm	A1 max mm		
200	50	2	010600020
280	80	2	010600028

**1061**adjustable self-locking pliers,  
fork-type jaws

L mm	A1 max mm		
290	80	2	010610028

**1062**adjustable self-locking pliers  
with C-shaped jaws

L mm	A1 max mm		
170	50	2	010620017
290	120	2	010620029
460	250	2	010620046

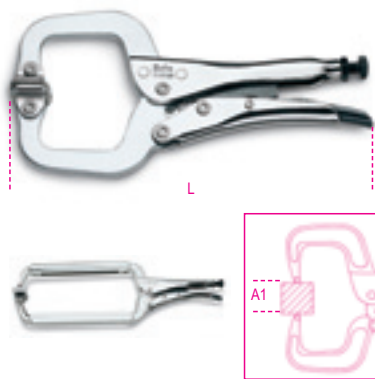
**1062AL**adjustable self-locking pliers,  
aluminium C-shaped jaws

L mm	A1 max mm		
290	104	2	010620329



### 1062GM

adjustable self-locking pliers with floating C-shaped jaws



L mm	A1 max mm		
170	45	2	010620217
290	88	2	010620229
460	260	2	010620246

### 1063

adjustable self-locking pliers for tinsmiths



L mm	A1 max mm		
200	30	2	010630020

### 1064

adjustable self-locking pliers with chain



L mm	Ø mm		
240	150	2	010640024

### 1065F

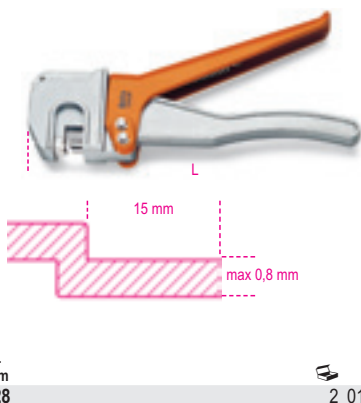
hand punch steel punch and matrix



Ø mm	L mm		
5	228	2	010650010
6	228	2	010650015

### 1065P

hand crimper steel matrix



L mm			
228		2	010650020

### 1077

straight wide blade tinsmith's pliers, PVC-coated handles



L mm	A mm	L1 mm		
280	60	53	2	010770026

### 1078

curved wide blade tinsmith's pliers, 45° PVC-coated handles



L mm	A mm	L1 mm		
280	60	77	2	010780026

### 1080

diagonal flush cutting nippers, slip-proof double layer PVC coated handles

for cutting plastic



L mm	L1 mm		
140	20	3	010800004
160	22	3	010800006

### 1081S

diagonal ground cutting nippers double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	5	010810014
160	22	1,6	5	010810016

### 1082

diagonal cutting nippers, slip-proof double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	5	010820004
160	22	1,6	5	010820006

### 1082BM

diagonal cutting nippers, bi-material handles



UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,6	3	010820034
160	22	1,6	3	010820036

### 1084

heavy duty diagonal cutting nippers, slip-proof double layer PVC coated handles



UNI/ISO 5749

L mm	L1 mm	mm		
140	20	1,4	5	010840004
160	22	1,6	5	010840006
180	25	1,8	3	010840008
200	28	2,0	3	010840010

### 1084BM

heavy duty diagonal cutting nippers  
bi-material handles

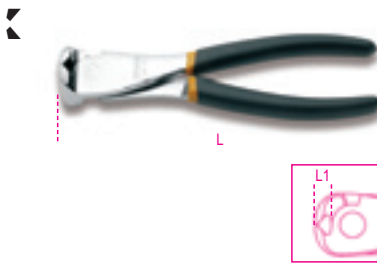


UNI/ISO 5749

L mm	L1 mm	≡ mm		
140	20	1,4	3	010840034
160	22	1,6	3	010840036
180	25	1,8	3	010840038
200	28	2,0	3	010840040

### 1088

heavy duty end cutting nippers,  
slip-proof double layer PVC coated handles

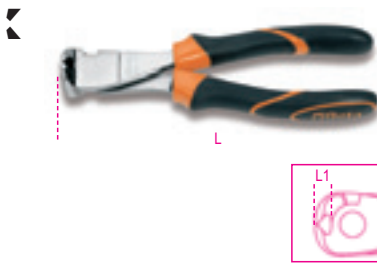


UNI/ISO 5748

L mm	L1 mm	≡ mm		
140	8	1,4	2	010880004
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		
140	8	1,4	2	010880034
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 ~	L1 mm		
160	21	5	010960016
200	23	5	010960020
250	30	5	010960025

### 1098

construction worker's pincers



ISO 9242 DIN 5242

L ~	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 ~	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 "		
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 Kgf=mm <sup>2</sup> Ø mm	R = 140 Kgf=mm <sup>2</sup> 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

Beta



## 1102

bolt cutters, small series

Cutting capacity  
R=  $\approx 80$  Kgf/mm<sup>2</sup>



L mm	mm		
230	4	3	011020020

Ø mm	A mm		
42	42	1	011050042
44	42	1	011050044
46	42	1	011050046
48	42	1	011050048
50	42	1	011050050

## 1105T30

shank for punches 1105,  
3 to 30 mm



L mm			
155	1	011050201	

## 1105T50

shank for punches 1105  
2 to 50 mm



L mm			
155	1	011050202	

## 1105AD-50

shank adaptor for item 1105T50



Ø mm			
57	1	011050210	

## 1105/C15T

assortment of 15 punches,  
3 to 30 mm



1105			
3	4	6	8
10	12	14	16
18	20	22	24
26	28	30	

1105T30			
3	4	6	8
10	12	14	16
18	20	22	24
26	28	30	

230x190x50 mm

## 1105/C29T

assortment of 29 punches,  
2 to 50 mm



1105/C29T			
1	011050252		

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			

1105T50			
1105AD-50			
325x280x55	mm		

## 1112

tin snips straight wide blades

Cutting capacity  
R=  $\approx 60$  Kgf/mm<sup>2</sup>

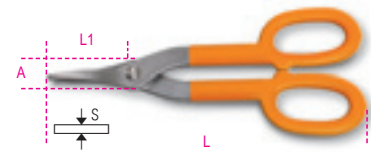


L mm	L1 mm	S mm	A mm		
200	50	0,5	26	2	011120020
250	62	0,8	33	2	011120025
300	76	1,0	37	2	011120030
375	105	1,2	44	1	011120037

## 1114

tin snips straight narrow blades

R = 60 Kgf/mm<sup>2</sup>



L mm	L1 mm	S mm	A 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 mm	L1 mm	Fe S mm	Inox S mm		
310	42	1	0,8	2	011180001

## 1104

heavy-duty cutters for flexible steel cables,  
handles with thermoplastic grips



L mm	mm		
420	12	1	011040004
600	16	1	011040006

## 1104R

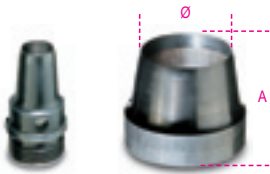
spare blades for item 1104



mm			
420	1	011040014	
600	1	011040016	

## 1105

punches made from burnished steel



Ø mm	A mm		
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

### 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

### 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

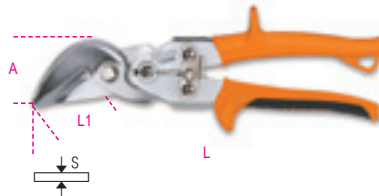


L	L1	Inox	A		
mm	mm	S mm	mm		
250	40	1	24	2	011240020

### 1125

compound leverage shears for straight and right cuts

Inox = stainless steel

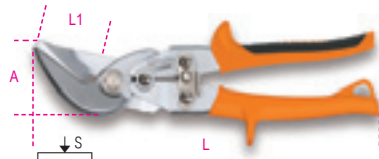


L	L1	Inox	A		
mm	mm	S mm	mm		
250	35	1	46	2	011250020

### 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

### 1127

telephone engineer's scissors, straight blades



L	L1		
mm	mm		
150	35	5	011270001

### 1128BCX

electrician's scissors, straight stainless steel blades, with microteeth, cable cutting groove and crimping pliers for tube terminals  
tube terminal crimping: 1÷4 mm<sup>2</sup>  
in jointed plastic case



L	L1	mm <sup>2</sup>	mm <sup>2</sup>		
mm	mm				
155	55	50	1÷4	5	011280080

### 1128BMX

electrician's scissors, straight stainless steel blades, with microteeth



L	L1		
mm	mm		
145	54	5	011280050

### 1128BSX

electrician's scissors with graduated milling profiles with case



L	L1		
mm	mm		
145	50	5	011280060

### 1128BTX

electrician's scissors, straight stainless steel blades, with microteeth and cable cutting groove, in plastic case



L	L1		
mm	mm		
155	55	5	011280070

### 1128BM

electrician's scissors, straight blades



L	L1		
mm	mm		
145	50	5	011280000

### 1129BM

electrician's scissors, curved blades



L	L1		
mm	mm		
145	44	5	011290000

### 1130BMX

multipurpose scissors,  
straight stainless steel blades,  
with microteeth



L mm	L1 mm		
200	58	1	011300000

### 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		
170	10	2	011320107
230	17	2	011320113

### 1132BM

cable cutters for insulated copper  
and aluminium cables,  
bi-material handles



UNI 8791			
L ~	mm		
170	10	2	011320137
230	17	2	011320143

### 1133

cable cutter for copper cables, flexible

up to 325 mm²



L ~	mm		
600	30	1	011330001

### 1133RL

spare blades for item 1133



1133RL	1	011330011
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### 1134

ratchet cable cutters burnished finish,  
plastic handles



L mm	mm	mm²	
260	35	250	1 011340032

### 1134RL

spare blade for item 1134



1134RL	1	011340132
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### 1134A

ratchet cable cutters burnished finish,  
plastic handles



L mm	mm	mm²	
240	45	400	1 011340045

### 1134A/RL

spare blade for item 1134A



1134A/RL	1	011340145
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### 1136

cable cutter for steel cables

Cutting capacity  
Ø 5 mm for cable R ≤ 160 Kg/mm²  
Ø 4 mm for mild steel bolts



L mm			
165	2	011360011	

### 1142BM

wire stripping pliers,  
bi-material handles



UNI 7923

L mm	mm²		
160	0,5÷6	3	011420036

### 1143

wire stripping pliers



L ~	mm²		
165	1÷6	1	011430001

### 1143R

spare blades for item 1143

1143R	1	011430011
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### 1144

cable stripping tool



L mm	mm²		
140	6÷20	1	011440014

### 1144RC

spare blade for item 1144



1144RC	1	011440015
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**1144D**

cable stripping tool



L mm	mm <sup>2</sup>		
170	4,5÷40	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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**1145**

wire stripping pliers, self-adjusting model



L mm	mm <sup>2</sup>		
165	0,25÷1,5	1	011450018

**1145RG**

pair of spare jaws for item 1145



1145RG	1	011450020
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**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 mm	mm <sup>2</sup>		
190	0,02÷10 34÷8 AWG	1	011480100

**1148A/R**

spare blades for item 1148A



1148A/R	1	011480102
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**1148B**

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 mm	mm <sup>2</sup>		
190	4÷16 12÷6 AWG	1	011480200

**1148B/R**

spare blades for item 1148B



1148B/R	1	011480202
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**1149F**

front wire stripping pliers with cutting blade, self-adjusting



L mm	mm <sup>2</sup>		
175	0,2 ÷ 6 28÷17 AWG	1	011490010

**1150**

combination pliers  
 bright chrome-plated,  
 slip-proof double layer PVC coated handles



ISO 5746

L mm	L1 mm	≙ mm		
160	37	1,6	5	011500006
180	41	1,8	5	011500008
200	45	2,0	5	011500010
220	50	2,0	2	011500012

**1150BM**

combination pliers bright chrome-plated,  
 bi-material handles



ISO 5746

L mm	L1 mm	≙ mm		
160	37	1,6	3	011500036
180	41	1,8	3	011500038
200	45	2,0	3	011500040
220	50	2,0	2	011500042

**1151S**

combination pliers ground,  
 PVC-coated handles



ISO 5746

L mm	L1 mm	≙ mm		
160	37	1,6	5	011510016
180	41	1,8	5	011510018
200	45	2,0	5	011510020

**1153**

adjustable pliers,  
 two positions, PVC-coated handles



L mm	L1 mm		
160	37	2	011530016
200	50	2	011530020

**1162**

extra long flat knurled nose pliers,  
 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

### 1162BM

extra long flat knurled nose pliers  
bi-material handles



ISO 5745

L mm	L1 mm	⌀ mm		
160	58	1,6	3	011620036
200	86	1,6	3	011620040

### 1164

extra long bent flat knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 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 mm	L1 mm	⌀ mm		
160	54	1,6	3	011640036
200	76	1,6	3	011640040

### 1166

extra long needle knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	⌀ mm		
160	56	1,6	5	011660006
200	76	1,6	5	011660010

### 1166BM

extra long needle knurled nose pliers,  
bi-material handles



ISO 5745

L mm	L1 mm	⌀ mm		
160	56	1,6	3	011660036
200	76	1,6	3	011660040

### 1168

extra long bent needle knurled nose pliers,  
slip-proof double layer PVC coated handles



ISO 5745

L mm	L1 mm	⌀ mm		
160	54	1,6	5	011680006
200	76	1,6	5	011680010

### 1168BM

extra long bent needle knurled nose pliers,  
bi-material handles



ISO 5745

L mm	L1 mm	⌀ mm		
160	54	1,6	3	011680036
200	70	1,6	3	011680040

### 1171BM

smooth, flat short nose pliers  
bi-material handles

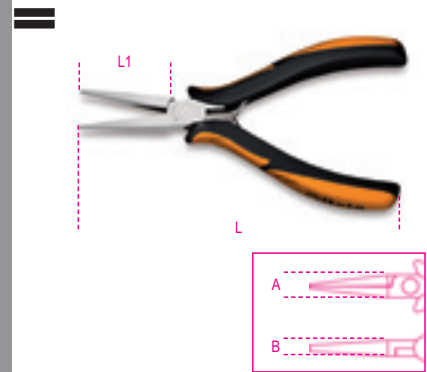


ISO 9655

L ~	L1 mm	A mm	B mm		
125	18	12	8	2	011710101

### 1172BM

smooth, flat long nose pliers  
bi-material handles

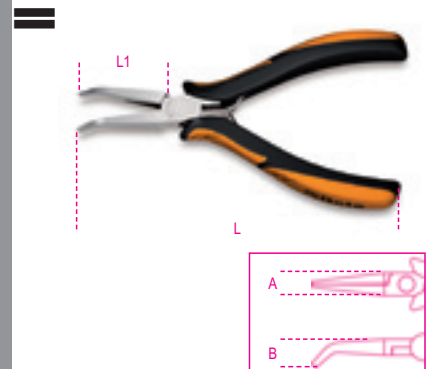


ISO 9655

L ~	L1 mm	A mm	B mm		
140	40	12	8	2	011720101

### 1172BM/P

smooth, flat bent long nose pliers  
bi-material handles



L ~	L1 mm	A mm	B mm		
140	38	12	13	2	011720102

Beta



**1173BM**

round short nose pliers  
bi-material handles



ISO 9655

L	L1	A	B		
~	mm	mm	mm		
125	22	12	8		

**1177BM/Z**

half-round long knurled nose pliers  
bi-material handles



ISO 9655

L	L1	A	B		
~	mm	mm	mm		
140	39	12	8		

**1182BM**

diagonal semi-flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1		

**1175BM**

smooth half-round short nose pliers  
bi-material handles



ISO 9655

L	L1	A	B		
~	mm	mm	mm		
140	29	12	8		

**1178BM**

smooth half-round long needle nose pliers  
bi-material handles



ISO 9655

L	L1	A	B		
~	mm	mm	mm		
140	37	12	8		

**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		

**1177BM**

smooth half-round long nose pliers  
bi-material handles



ISO 9655

L	L1	A	B		
~	mm	mm	mm		
140	38	12	8		

**1178BM/P**

smooth half-round long bent  
needle nose pliers  
bi-material handles



L	L1	A	B		
~	mm	mm	mm		
140	36,5	12	12		

**1184BM**

diagonal flush cutting nippers,  
rounded tips  
bi-material handles



ISO 9654

L	L1	A	Cu		
mm	mm	mm	mm		
120	11	10	1		
130	13	12,5	1,25		



### 1185BM

diagonal flush cutting nippers,  
slim tips  
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu 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 mm	L1 mm	A mm	Cu 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 mm	L1 mm	A mm	Cu 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 mm	L1 mm	A mm	Cu mm		
120	12	12	1,25	2	011900113

### 1191BM

end flush oblique cutting nippers  
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
130	8	12	0,8	2	011910101

### 1191BM/L

end flush long oblique cutting nippers  
bi-material handles

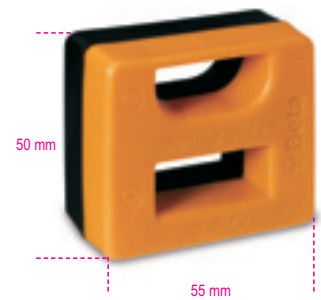


ISO 9654

L mm	L1 mm	A mm	Cu mm		
130	18	12	1	2	011910110

### 1200MS

magnetizer/demagnetizer



1200MS

5 012000000

### 1201

screwdrivers for slotted head screws



SxAxL mm	L1 mm	Ø mm		
0,4x2,5x50	146	2,5	5	012010003
0,4x2,5x75	166	2,5	5	012010006
0,5x3x75	171	3,0	5	012010009
0,5x3x100	196	3,0	5	012010012
0,6x3,5x100	196	3,5	5	012010021
0,8x4x100	196	4,0	5	012010030
0,8x4x125	221	4,0	5	012010033
1,0x5,5x100	209	5,0	5	012010039
1,0x5,5x150	259	5,0	5	012010042
1,2x6,5x150	270	6,0	5	012010051
1,2x8x150	282	8,0	3	012010057
1,6x10x200	332	9,5	3	012010066



1201/S6

0,5x3x75-0,6x3,5x100  
0,8x4x100-1,0x5,5x100  
1,2x8x150-1,6x10x200 mm

1 012010206

### 1201N

screwdrivers for slotted head screws,  
extra-short series



ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86,5	4	3	012010103
1,2x6,5x30	86,5	6	3	012010106

## 1201DZ

screwdriver for Dzus® head screws



	L mm	L1 mm		
1201DZ	53	173	2	012010501

## 1202

screwdrivers for cross head Phillips® screws



UNI/ISO 8764 DIN 5262

PHxDxL mm	L1 mm		
0x3x60	156	5	012020003
1x4,5x80	189	5	012020009
1x4,5x120	229	5	012020012
2x6x100	220	5	012020018
2x6x150	270	5	012020021
3x8x150	282	3	012020024
4x9,5x200	332	3	012020027



1202/S4	1	012020204
PH0x3x60-PH1x4,5x120 PH2x6x150-PH3x8x150 mm		

## 1202N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764 DIN 5262

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012020103
2x6x30	86,5	3	012020106

## 1203/D

set of screwdrivers

**Beta EASY**



1203/D5	1	012030001
1201 0,6x3,5x100-1,0x5,5x150 1,2x6,5x150 mm		
1202 PH1x4,5x80-PH2x6x100 mm		



1203/D7	1	012030007
1201 0,5x3x75-0,8x4x100 1,0x5,5x100-1,2x6,5x150 mm		
1202 PH0x3x60-PH1x4,5x80 PH2x6x100 mm		



1203/D8	1	012030008
1201 0,5x3x75-0,8x4x125 1,0x5,5x150-1,2x6,5x150 mm		
1202 PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		



1203/D10	1	012030010
1201 0,4x2,5x50-0,5x3x75 0,8x4x100-1,0x5,5x100 1,2x6,5x150-1,2x8x150 mm		
1202 PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		



1203/D6	1	012030006
1202 PH1x4,5x80-PH2x6x100 mm 0,4x2,5x60-0,5x3x100 0,8x4x100-1,0x5x125 mm		



1203/D5PZ	1	012030003
1201 0,5x3x75-0,8x4x125 1,0x5,5x150 mm		
1209PZ PZ1x4,5x80-PZ2x6x100 mm		

## 1203/S10

**Beta EASY**



1203/S10	1	012030021
1201 0,4x2,5x50-0,5x3x75 0,8x4x125-1,0x5,5x150 1,2x6,5x150-1,2x8x150 mm		
1202 PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

## 1204

screwdrivers for headless slotted screws



SxDxL mm	L1 mm		
0,4x2,5x60	156	5	012040003
0,5x3x100	196	5	012040009
0,8x4x100	196	5	012040012
1x5x125	234	5	012040018
1,2x6,5x150	270	5	012040024



1204/S5	1	012040205
0,4x2,5x60-0,5x3x100 0,8x4x100-1x5x125 1,2x6,5x150 mm		

## 1207TX

screwdrivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
T6	60	156	4	5	012070006
T7	60	156	4	5	012070007
T8	60	156	4	5	012070008
T9	60	156	4	5	012070009
T10	80	189	5	5	012070010
T15	80	189	5	5	012070015
T20	100	209	5	5	012070020
T25	100	209	5	5	012070025
T27	100	220	6	5	012070027
T30	100	220	6	5	012070030



1207TX/D7	1	012070207
T6-T8-T10-T15 T20-T25-T30		

**Beta**

## 1208RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



⊕	L mm	L1 mm	Ø mm		
T9	60	156	4	5	012080009
T10	80	189	5	5	012080010
T15	80	189	5	5	012080015
T20	100	209	5	5	012080020
T25	100	209	5	5	012080025
T27	100	220	6	5	012080027
T30	100	220	6	5	012080030



1208RTX/D7	1	012080207
T9-T10-T15-T20		
T25-T27-T30		

## 1209PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



UNI/ISO 8764

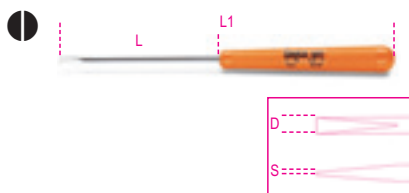
⊕	PZ	L mm	L1 mm		
0	60	156	5	012090000	
1	80	189	5	012090003	
2	100	220	5	012090006	
3	150	282	3	012090009	



1209PZ/S4	1	012090204
PZ0-PZ1-PZ2-PZ3		

## 1227

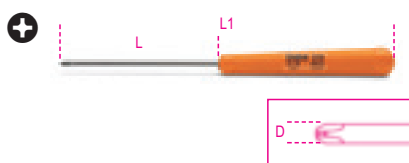
screwdrivers for slotted head screws



SxDxL mm	L1 mm		
0,5x2,5x60	145	10	012270010
0,6x3x75	160	10	012270020
0,6x3x100	185	10	012270030

## 1228

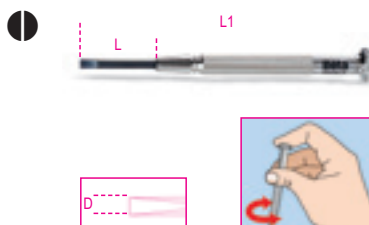
screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm		
0x3x75	160	10	012280030

## 1229LP

micro-screwdrivers for headless slotted screws



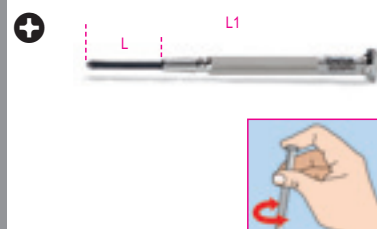
D mm	L mm	L1 mm		
1,0	17	75	5	012290210
1,2	21	85	5	012290212
1,4	21	89	5	012290214
1,8	23	94	5	012290218
2,0	23	98	5	012290220
2,4	26	103	5	012290224
3,0	28	108	5	012290230



1229LP/A6	1	012290300
1,2-1,4-1,8-2-2,4-3 mm		

## 1229PH

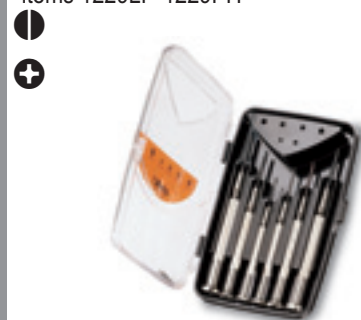
micro-screwdrivers for cross head Phillips® screws



PH	L mm	L1 mm		
0	26	102	5	012290250
1	29	107	5	012290251

## 1229LPH/A6

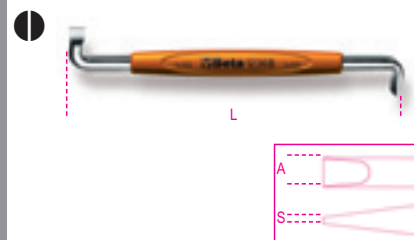
set of 6 micro-screwdrivers items 1229LP-1229PH



1229LPH/A6	1	012290310
1229LP	1,4-2,0-2,4-3	
1229PH	0-1	

## 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

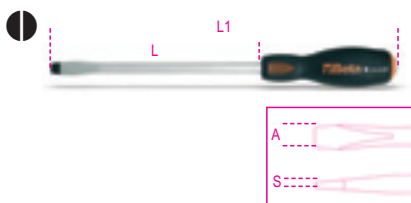
PH	L mm		
1-2	125	5	012380201
3-4	200	5	012380203





## 1241

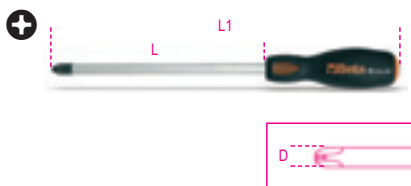
screwdrivers with steel head for slotted head screws



SxAxL mm	L1 mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	248	3	012410057
1,6x10x200	325	2	012410066

## 1242

screwdrivers with steel head for cross head Phillips® screws



UNI/ISO 8764 DIN 5262

PHxDxL mm	L1 mm		
1x4,5x100	202	5	012420209
2x6x100	215	5	012420218
3x8x150	248	3	012420221
4x11x200	325	2	012420224

## 1243/D7

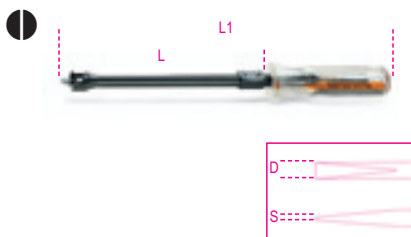
screwdriver set



1243/D7		1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm		

## 1250

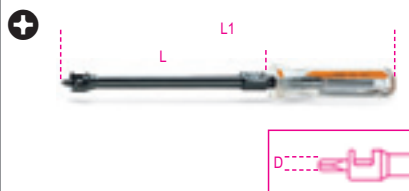
screwholding screwdrivers for slotted head screws



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
1x5x150	255	5	012510010
2x6x175	280	5	012510020

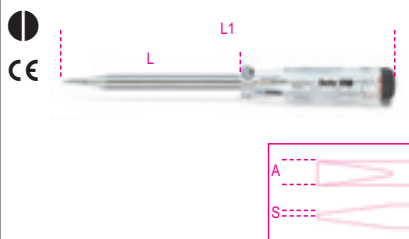
## 1252/S5



1252/S5		1	012520001
1250	0,5x3x125-0,6x4x125 0,7x5x150 mm		
1251	PH1x5x150-PH2x6x175 mm		

## 1253

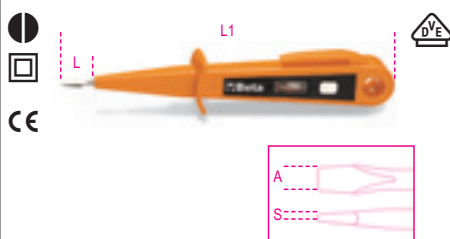
mains testing screwdriver 150/250V



SxAxL mm	L1 mm		
0,5x3,5x100	190	5	012530001

## 1253A

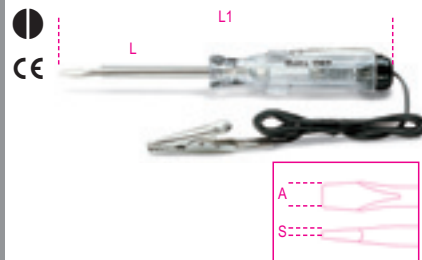
mains testing screwdriver 125/250V, double insulation



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



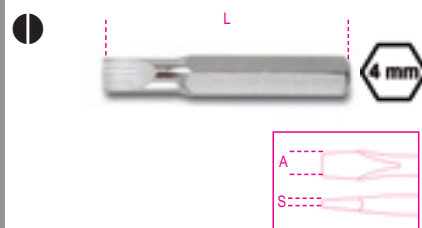
1256/C36-2		1	012560100

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® 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	
0,25x1,2	50	5 012570012
0,23x1,5	50	5 012570015
0,3x1,8	50	5 012570018
0,4x2	75	5 012570020
0,4x2,5	75	5 012570024
0,5x3	75	5 012570030
0,6x3,5	75	5 012570035
0,8x4	75	5 012570040



1257LP/S8 1 012570100  
0,2x1,2-0,25x1,5  
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	
00	75	5 012570060
0	75	5 012570063
1	75	5 012570066

### 1257LPH/S8



1257LPH/S8 1 012570110

1257PH PH00-PH0-PH1  
1257LP 0,4x2-0,4x2,5-0,5x3  
0,6x3,5-0,8x4 mm

### 1257ES

micro-screwdrivers hexagon male ends



mm	L mm	
0,9	75	5 012570045
1,3	75	5 012570046
1,5	75	5 012570047
2	75	5 012570048
2,5	75	5 012570049
3	75	5 012570050

### 1257ESB/S8



1257ESB/S8 1 012570130  
1257ES 0,9-1,3-1,5-2-2,5-3 mm  
1257BE 4-5 mm

### 1257TX

micro-screwdrivers for Torx®  
head screws



	L mm	
T5	75	5 012570075
T6	75	5 012570076
T7	75	5 012570077
T8	75	5 012570078
T9	75	5 012570079
T10	75	5 012570080
T15	75	5 012570081
T20	75	5 012570082



**1257TX/S8** 1 012570120  
 T5-T6-T7-T8  
 T9-T10-T15-T20

### 1257BE

micro-screwdrivers hexagon socket wrenches



mm	L mm	
3,2	75	5 012570085
4	75	5 012570086
5	75	5 012570087
5,5	75	5 012570088

### 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



**1260/S6** 1 012600306  
 0,4x2,5x75-0,5x3x75-0,8x4x125  
 1x5,5x150-1,2x6,5x150-1,2x8x200 mm

### 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



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

### 1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764 DIN 5262

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** 1 012620304  
 PH0x3x60-PH1x4,5x80  
 PH2x6x100-PH3x8x150 mm

### 1262N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764 DIN 5262

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
1x4,5x400	508	3 012620206
2x6x400	519	3 012620209



## 1263/D...

set of screwdrivers



**1263/D5** 1 012630005

1260 0,5x3x75-0,8x4x100  
1x5,5x125 mm  
1262 PH1x4,5x80-PH2x6x100 mm

**1263/D6** 1 012630006

1260 0,5x3x75-0,8x4x100  
1x5,5x125-1,2x6,5x150 mm  
1262 PH1x4,5x80-PH2x6x100 mm

**1263/D7** 1 012630017

1262 PH0x3x60-PH1x4,5x80  
PH2x6x100 mm  
1264 0,5x2,5x60-0,6x3x100  
0,8x4x125-1x5x125 mm

**1263/D7PZ** 1 012630007

1260 0,5x3x75-0,8x4x100  
1x5,5x150-1,2x6,5x150 mm  
1269PZ PZ0 - PZ1 - PZ2

**1263/D8** 1 012630008

1260 0,4x2,5x50-0,5x3x75  
0,8x4x100-1x5,5x125  
1,2x6,5x150 mm  
1262 PH0x3x60-PH1x4,5x80  
PH2x6x100 mm

**1263/D10** 1 012630010

1260 0,5x3x75-0,6x3,5x100  
0,8x4x125-1x5,5x150  
1,2x6,5x150 mm  
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

## 1264

screwdrivers for headless slotted screws



SxDxL 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



SxDxL 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

## 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	100	160	5	012690000
1	108	188	5	012690001
2	119	219	5	012690002
3	127	277	3	012690003
4	127	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 118

mm 10

5 012810280

## 1281PM

quick-fit magnetic bit holder



L  
mm 165

5 012810292

## 1281PB

socket holder with 1/4" male drive

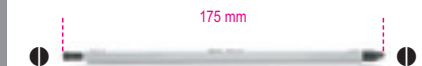


L  
mm 175

5 012810293

## 1281LP

reversible screwdrivers for slotted head screws



1281LP/1  
0,8x4-1,2x6,5 mm

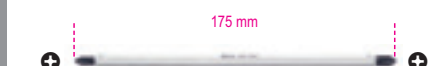
1281LP/2  
1x5,5-1,2x6,5 mm

5 012810302

5 012810304

## 1281PH

reversible screwdrivers for cross head Phillips® screws



PH  
1-2  
2-3

5 012810310

5 012810312

**Beta**

## 1281LPH

reversible screwdrivers  
for slotted and Phillips® head screws



1281LPH/1 PH0-0,8x4 mm	5 012810321
1281LPH/2 PH1-1x5,5 mm	5 012810322
1281LPH/3 PH2-1,2x6,5 mm	5 012810323

## 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 T6-T8	5 012810349
1281TX/2 T7-T9	5 012810350
1281TX/3 T10-T15	5 012810351
1281TX/4 T20-T25	5 012810352
1281TX/5 T30-T40	5 012810353

## 1281RTX

reversible screwdrivers  
for Tamper Resistant Torx® head screws



1281RTX/3 T10-T15	5 012810361
1281RTX/4 T20-T25	5 012810362
1281RTX/5 T30-T40	5 012810363

## 1281BG/A9

assortment of 9 reversible screwdrivers  
and 1 accessory in case



1281BG/A9 1 012810520

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

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/B28A

set of 16 reversible screwdrivers,  
9 1/4" drive sockets,  
2 accessories and 1 handle, in wallet



1281BG/B28A 1 012810510

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

1281/BV 1 012810501

## 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
0,5x3x125	221	3,0	10 012900015
0,6x3,5x75	171	3,5	10 012900018
0,6x3,5x100	196	3,5	10 012900021
0,6x3,5x125	221	3,5	10 012900024
0,8x4x75	171	4,0	10 012900027
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
1x5,5x200	309	5,0	5 012900045
1,2x6,5x100	220	6,0	10 012900048
1,2x6,5x150	270	6,0	10 012900051
1,2x6,5x200	320	6,0	5 012900054
1,2x8x150	282	7,0	3 012900057
1,2x8x200	332	7,0	3 012900060
1,6x10x150	282	8,0	3 012900063
1,6x10x200	332	8,0	3 012900066
2x12x250	382	10	2 012900069

**Beta**





## 1290/S...

screwdriver set



1290/S5 1 012900305

1290 0,5x3x75-0,8x4x100 -1x5,5x150  
1,2x6,5x150 -1,2x8x150 mm

1290/S9 1 012900309

1290 0,4x2,5x75 -0,5x3x125  
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

## 1290E

screwdrivers for slotted head screws,  
with hexagon bolsters



SxAxL mm	L1 mm	Ø mm		
1x5,5x125	234	5	3	012900153
1,2x6,5x150	270	6	3	012900156
1,6x10x175	307	8	2	012900159
2x12x200	332	10	2	012900162

## 1292

screwdrivers for cross head  
Phillips® screws



UNI/ISO 8764 DIN 5262

PHxDxL mm	L1 mm		
0x3x60	156	10	012920003
0x3x100	196	5	012920006
1x4,5x80	189	10	012920009
1x4,5x120	229	10	012920012
1x4,5x150	259	5	012920015
2x6x100	220	10	012920018
2x6x150	270	10	012920021
2x6x200	320	5	012920023
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 DIN 5262

PHxDxL mm	L1 mm		
1x4,5x30	86	5	012920103
2x6x30	86	5	012920106

## 1292E

screwdrivers for cross head  
Phillips® screws, with hexagon bolsters

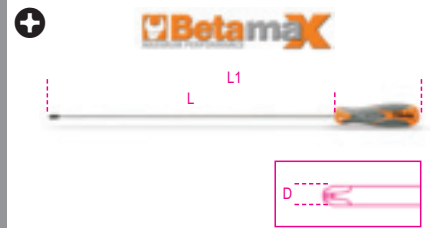


UNI/ISO 8764

PHxDxL mm	L1 mm		
2x6x150	270	3	012920153
3x8x175	307	2	012920156
4x10x200	332	2	012920159

## 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/D11 1 012930405

1290 0,4x2,5x75 -0,6x3,5x100  
0,8x4x125-1x5,5x100-  
1,2x6,5x100  
1,2x8x150-1,6x10x150 mm  
1292 PH0x3x60 -PH1x4,5x120  
PH2x6x150-PH3x8x150 mm

1293/D8H 1 012930411

1290 1x5,5x100-1,2x6,5x150 mm  
1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm  
1294 0,5x2,5x60-0,6x3x75  
0,8x4x100 mm

1293/D7 1 012930407

1290 0,5x3x100-0,8x4x125  
1x5,5x150-1,2x6,5x150 mm  
1299PZ PZ0x3x60-PZ1x4,5x80  
PZ2x6x100 mm

**Beta**

## 1293/S...

screwdriver set



**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

**1293E/S5** 1 012930211

1290E 1x5,5x125-1,2x6,5x150  
1,6x10x175 mm  
1292E PH2x6x150-PH3x8x175 mm

**1293/S7** 1 012930207

1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm  
1294 0,5x2,5x60-0,6x3x75  
0,8x4x100-1x5x125 mm

**1293/S8H** 1 012930209

1290 1,2x6,5x150-1,2x8x150 mm  
1292 PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm  
1294 0,5x2,5x60-0,6x3x100  
0,8x4x100 mm

**1293/S8PZ** 1 012930205

1290 0,4x2,5x75 -0,6x3,5x75  
1x5,5x100-1,2x6,5x150 mm  
1299PZ PZ0x3x60-PZ1x4,5x80  
PZ2x6x100-PZ3x8x150 mm

## 1293ES

hexagon drivers with handles



mm	L mm	L1 mm	Ø mm	
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	
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	
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
1x5x150	259	5 012940021
1x5x200	309	5 012940024
1,2x6,5x150	282	5 012940027
1,6x8x150	282	3 012940030



**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	
0,5x2,5x200	296	3 012940203
0,6x3x300	396	3 012940206
0,8x4x400	496	3 012940209
1x5x300	409	3 012940212
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

	<b>866LP</b>	1,2x6,5 - 1,6x10 mm
	<b>866PH</b>	PH2 - PH3
	<b>866PZ</b>	PZ2 - PZ3
	<b>866PE</b>	5 - 6 mm
	<b>866TX</b>	T27 - T30 - T40 - T45 - T50 - T55
	<b>895/6</b>	□ 1/2 - ○ 5/16
	<b>1295</b>	■ 1/2

170x100x35 mm - 1,3 kg

## 1297TX

drivers for Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
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



1297TX/D6  
T10-T15-T20  
T25-T27-T30

1 012970409

## 1298RTX

screwdrivers for Tamper Resistant Torx® head screws, with handles



	L mm	L1 mm	Ø mm		
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



Betamax



UNI/ISO 8764

PZ	L mm	L1 mm		
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



Betamax



UNI/ISO 8764

PZ	L mm	L1 mm		
1	30	86	5	012990021
2	30	86	5	012990024

## 1302

double end dolly, round, convex peim 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

Beta



**1306**

heel dolly



g  
1040 1 013060001

**1307**

regular dolly



g  
1100 1 013070001

**1308**

egg dolly



g  
1100 1 013080001

**1309**

hatchet dolly



g  
460 1 013090001

**1310**

general purpose dolly



g  
1225 1 013100001

**1312**

anvil dolly



g  
1220 1 013120001

**1313**

buffer dolly



g  
990 1 013130001

**1314**

double end dolly, convex, flat head



g  
760 1 013140001

**1326**

curved angle spoon



g  
560 1 013260001

**1327**

heavy-duty spoon



g  
1075 1 013270001

**1328**

pry and bumping spoon



g  
935 1 013280001

**1329**

double-ended spoon



g  
1800 1 013290001

**1330**

long double-ended spoon



g  
2125 1 013300001

**1331**

bending iron with leather face



g  
1100 1 013310001

**1335BM**

bumping blade with plastic handle



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



	1 1/4"	L mm		
1338A	9	360	2	013380001
1338B	12	360	2	013380002

### 1338

body blade holder for item 1338R



1338	2	013380003
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### 1338R9 - 1338R12

spare body blades for item 1338A-B



	1 1/4"		
1338R9	9	2	013380004
1338R12	12	2	013380005

### 1342

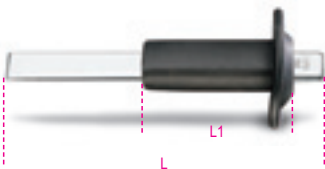
extra flat chisel with straight cutter



L mm	
235	5 013420001

### 1342PM

extra flat chisel with straight cutter  
with hand guard



L mm	L1 mm	
235	118	2 013420002

### 1342PMR

spare hand guard for item 1342



1342PMR	1	013420003
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### 1343

flat chisel with side cutter



L mm	
200	5 013430001

### 1345

hammer with round,  
convex face and pein, wooden shaft



1345	3	013450000
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### 1345P

hammer with round,  
flat face and pein, wooden shaft



1345P	3	013450001
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### 1351

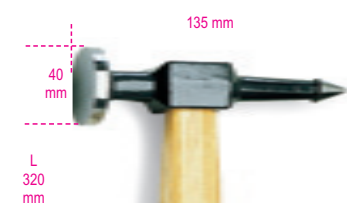
hammer with round,  
flat face and ball pein, wooden shaft



1351	3	013510000
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### 1353

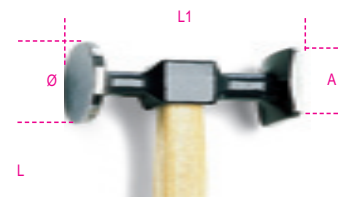
hammer with round,  
flat face and point pein, wooden shaft



1353	3	013530000
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### 1357/32 - 1357/40

hammers with round,  
flat and square faces, wooden shafts



1357/32	3	013570032
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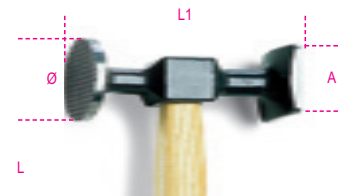
Ø = 32 mm  
A = 25 mm  
L1 = 100 mm  
L = 280 mm

1357/40	3	013570040
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Ø = 40 mm  
A = 35 mm  
L1 = 105 mm  
L = 290 mm

### 1357Z/32 - 1357Z/40

hammers with flat, round,  
milled face and square,  
smooth face, wooden shafts



1357Z/32	3	013570132
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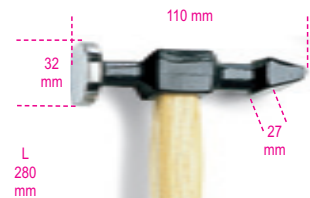
Ø = 32 mm  
A = 25 mm  
L1 = 100 mm  
L = 280 mm

1357Z/40	3	013570140
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Ø = 40 mm  
A = 35 mm  
L1 = 105 mm  
L = 290 mm

### 1359T

hammer with round,  
flat face and horizontal pein,  
wooden shaft



1359T	3	013590001
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## 1369/C11X

assortment of 11 tools



1369/C11X 1 013690023



470x340x70 mm - 15,2 kg

1370/MR1000 1370/1000	4 013700090
1370/MR1500 1370/1500	4 013700095
1370/MR2000 1370/2000	4 013700100

## 1370T

mechanic's hammers  
fibre shafts



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

HICKORY

A mm	L mm	L1 mm	g		
24	260	77	279	2	013700424
26	260	80	311	2	013700426
28	280	86	396	2	013700428
30	280	92	453	2	013700430
32	300	100	552	2	013700432
36	300	104	717	2	013700436
40	330	110	1064	2	013700440
42	330	116	1076	2	013700442
50	380	138	1762	2	013700450
60	380	160	2585	2	013700460

## 1370F/MR...

spare shafts for item 1370F



1370F/MR...		
1370F/MR24 1370F/24-26	2	013700474
1370F/MR28 1370F/28-30	2	013700478
1370F/MR32 1370F/32-36	2	013700482
1370F/MR40 1370F/40-42	2	013700490
1370F/MR50 1370F/50	2	013700495
1370F/MR60 1370F/60	2	013700496

## 1370FT

riveting hammers, fibre shafts



A mm	L mm	L1 mm	g		
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



HICKORY

NF E 71.012

A mm	L mm	L1 mm	g		
16	250	80	176	2	013740416
20	270	86	247	2	013740420
22	290	92	334	2	013740422
26	290	103	425	2	013740426
28	310	108	513	2	013740428
30	310	117	576	2	013740430

## 1374F/MR...

spare shafts for item 1374F



1374F/MR...		
1374F/MR16 1374F/16	2	013740456
1374F/MR20 1374F/20	2	013740460
1374F/MR22 1374F/22-26	2	013740462
1374F/MR28 1374F/28	2	013740468
1374F/MR30 1374F/30	2	013740470

## 1375

claw hammer, wooden shaft



g	L1 mm	Ø mm	L mm		
300	95	25	300	3	013750000



### 1375/MR

spare shafts for item 1375



1375/MR 2 013750003

### 1375A

claw hammers, plastic shafts



oz	g	L mm	L1 mm		
16	450	330	130	3	013750016
20	570	330	130	3	013750020

### 1375B

claw hammers, steel shafts



oz	g	L mm	L1 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 mm	L1 mm	L 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

### 1376XT

claw hammers with square peins, magnets and nail holders plastic shaft



g	A mm	L1 mm	L 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



1376XT/MR 2 013760585

### 1377

ball pein hammers, round heads, for coppersmiths and tinsmiths, wooden shafts



HICKORY

g	L mm	L1 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



1377/MR340	2	013770234
1377/340		
1377/MR450	2	013770245
1377/450		
1377/MR570	2	013770257
1377/570		
1377/MR680	2	013770268
1377/680		
1377/MR900	2	013770290
1377/900		

### 1378

joiner's hammers, round heads and peins, wooden shafts



HICKORY

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



1378/MR340	2	013780234
1378/340		
1378/MR570	2	013780257
1378/570		

### 1379F

electrician's hammers, wooden shafts



HICKORY

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/MR16	2	013790426
1379F/16-18		
1379F/MR20	2	013790430
1379F/20		

Beta

**1380**

lump hammers, wooden shafts

**HICKORY**

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



1380/MR800	2	013800238
1380/800-1000-1250		
1380/MR1500	2	013800245
1380/1500		
1380/MR2000	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/MR800	2	013800417
1380S/800-1000-1250		
1380S/MR1500	2	013800419
1380S/1500		

**1380T**

mason club hammers, plastic 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

**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



1381/MR3-4	2	013810730
1381/3000-4000		
1381/MR5	2	013810750
1381/5000		
1381/MR8	2	013810780
1381/8000		

**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	2	013850420

**1385/MR**

spare shafts for item 1385



1385/MR400	2	013850464
1385 400		
1385/MR600	2	013850466
1385 600		
1385/MR800	2	013850468
1385 800		
1385/MR1000	2	013850470
1385 1000		
1385/MR1500	1	013850475
1385 1500		
1385/MR2000	1	013850480
1385 2000		

**1390**

soft face hammers, wooden shafts



UNI 7784

D 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



1390/MR22	2	013900222
1390/22		
1390/MR28	2	013900228
1390/28		
1390/MR35	2	013900235
1390/35		
1390/MR45	2	013900245
1390/45		
1390/MR60	2	013900260
1390/60		

**1390R**

spare faces for item 1390



D mm		
22	4	013900122
28	4	013900128
35	4	013900135
45	4	013900145
60	4	013900160



### 1391

dead-blow hammers, entirely covered with rubber



D 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	D 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



D 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

### 1392R

spare faces for item 1392



D mm		
30	4	013920230
35	4	013920235
40	4	013920240
50	4	013920250

### 1393

hard rubber head hammers



D mm	L mm	L1 mm		
50	315	90	3	013930050
60	340	110	3	013930060
70	370	130	2	013930070

### 1410/M

spring pulling hook wrench



∅ mm		
3,5	2	014100051

### 1428

pullers for damaged nuts with square drive



∅ mm	□	L mm		
8	3/8	36	3	014280008
10	3/8	36	3	014280010
11	3/8	36	2	014280011
12	3/8	36	2	014280012
13	3/8	36	2	014280013
14	3/8	36	2	014280014
15	1/2	38	2	014280015
16	1/2	38	2	014280016
17	1/2	38	2	014280017
18	1/2	38	2	014280018
19	1/2	38	2	014280019
20	1/2	38	2	014280020
21	1/2	38	2	014280021
22	1/2	38	2	014280022
24	1/2	38	2	014280024
27	1/2	38	2	014280027



1428/SB11	1	014280111
8-10-11-12-13-14		
15-16-17-18-19 mm		
1428/SB5	1	014280115
20-21-22-24-27		

### 1428L

socket pullers, long series, for damaged right-hand nuts, with square drive



∅ mm		
17	1	014280217
19	1	014280219
21	1	014280221

### 12"



1428L/B3	1	014280303
17-19-21 mm		

### 1429

pullers for damaged screws and stud bolts with square drive



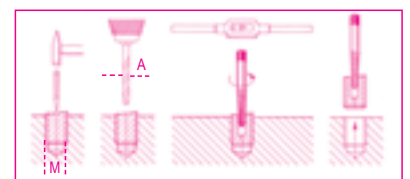
mm	□	L mm		
2	3/8	60	3	014290002
3	3/8	60	3	014290003
4	3/8	60	3	014290004
5	3/8	60	2	014290005
6	3/8	60	2	014290006
8	1/2	70	2	014290008
10	1/2	70	2	014290010



1429/SB7	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		
1430/1	3÷6	2,5	10	014300006
1430/2	6÷8	3,0	10	014300008
1430/3	8÷11	4,5	10	014300011
1430/4	11÷14	6,0	10	014300014
1430/5	14÷18	8,0	10	014300018
1430/6	18÷24	11,0	5	014300024
1430/7	24÷33	14,0	5	014300033
1430/8	33÷50	21,0	5	014300050

**Beta**



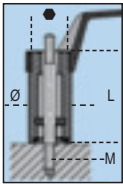


<b>1430/S5</b>	1 014300105
1430/1-1430/2-1430/3	
1430/4-1430/5	
<b>1430/S6</b>	1 014300106
1430/1-1430/2-1430/3	
1430/4-1430/5-1430/6	
<b>1430/S8</b>	1 014300108
1430/1-1430/2-1430/3	
1430/4-1430/5-1430/6	
1430/7-1430/8	

### 1433

roller stud extractors  
with 1/2" square drives

1/2"



M	Ø	L	●	
mm	mm	mm	mm	
5	21	60	19	2 014330005
6	24	60	21	2 014330006
7	24	60	21	2 014330007
8	24	60	21	2 014330008
9	28	70	21	2 014330009
10	28	70	21	2 014330010
10,5	28	70	21	2 014330021
11	28	70	21	2 014330011
12	28	70	21	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

1/2"



<b>1433/C11</b>	1 014330311
M5 - M6 - M7 - M8 - M9 - M10 - M10,5	
M11 - M12 - M14 - M16	
340x135x56 mm - 3,0 kg	

### 1435

set of extractors



Ø	
mm	
<b>4÷20</b>	1 014350001

### 1435R

spare wheel for item 1435



<b>1435R</b>	1 014350010
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### 1435/1

eccentric stud extractor



Ø	
mm	
<b>19÷26</b>	1 014350002

### 1435/1R

spare wheel for item 1435/1



<b>1435/1R</b>	1 014350011
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### 1438

universal clutch aligner complete  
with 3 expansion mandrels



<b>1438</b>	1 014380001
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### 1438R

spare expansion mandrels  
for item 1438



Ø		
mm		
<b>14÷18</b>	5	014380101
<b>18÷21</b>	5	014380102
<b>22÷25</b>	5	014380103

### 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

<b>1439/K7</b>	1 014390101
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500x120x60 mm 825 g

### 1440/...

piston ring compressors



	Ø mm	L mm	
<b>1440/0</b>	40÷75	50	1 014400000
<b>1440/1</b>	57÷125	80	1 014400010
<b>1440/1A</b>	57÷125	100	1 014400011
<b>1440/2</b>	90÷175	80	1 014400020
<b>1440/2A</b>	90÷175	100	1 014400021
<b>1440/3</b>	90÷175	165	1 014400030

### 1445/1 - 1445/2

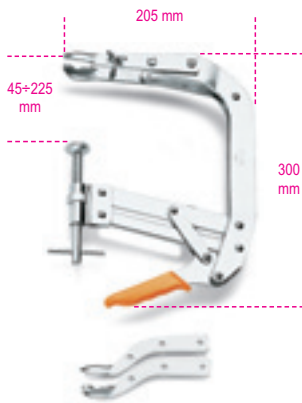
piston ring expanders



	Ø mm	
<b>1445/1</b>	50÷100	1 014450001
<b>1445/2</b>	90÷150	1 014450002

### 1450GC

valve spring compressor  
with straight and offset jaws

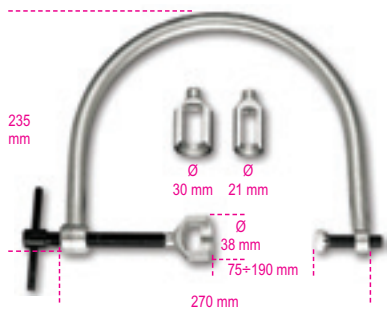


1450GC

1 014500005

### 1452K

valve spring compressor,  
with three flanges



1452K

1 014520100

### 1452PN/K

pneumatic tool for engine valve springs

Thrust pressure: 1400 N

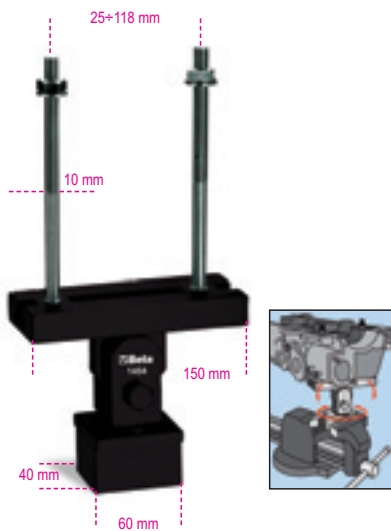


Ø mm L mm L1 mm  
16-19-23-25-30-42 230185

1 014520110

### 1454

engine head support



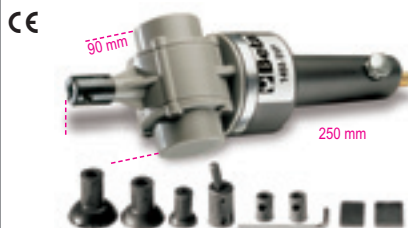
1454

1 014540001

### 1455SVP

pneumatic valve grinder

• Pressure: 6 bars



1455SVP

1 014550001

### 1455SVP/R...

spare parts for item 1455SVP



1455SVP/R1 5 014550501  
1455SVP/R2 5 014550502  
1455SVP/R3 5 014550503

### 1458

external butt-ended circlip pliers



DIN 5417

Ø mm  
30+100

3 014580001

### 1460F

valve seat removing tool



1460F

1 014600010

### 1461PMS

top dead centre (TDC) finder



M 14x1,25  
Ø mm 19,0  
L mm 240

1 014610500

### 1461BF

timing blocks for Fiat, Alfa Romeo and Lancia engines



1461BF/N 1 014610501  
1461BF/AG 1 014610502  
1461BF/R 1 014610503  
1461BF/B 1 014610504  
1461BF/O 1 014610505  
1461BF/V 1 014610506  
1461BF/GR 1 014610507  
1461BF/S 1 014610508  
1461BF/VI 1 014610509  
1461BF/BR 1 014610510  
1461BF/T 1 014610511  
1461BF/A 1 014610512

### 1461/C3

timing devices for Fiat Punto-Lancia Y,  
1.2 16V – 1.6 16V engines



1461/C3

1 014610030

335x145x60 mm - 2,0 kg



### 1461/C5

timing devices for Fiat MultiJet diesel and Opel CDTI engines



1461/C5 1 014610050  
420x185x60 mm - 2,6 kg

### 1461/C5A

timing devices for Fiat 1.6 Multijet engines



1461/C5A 1 014610051  
335x145x60 mm - 1,1 kg

### 1461/C6

timing devices for Citroen and Peugeot engines



1461/C6 1 014610060  
420x260x60 mm - 3,5 kg

### 1461/C7

timing devices for Renault 1.4 16V - 1.6 16V - diesel engines



1461/C7 1 014610070  
420x280x60 mm - 4,5 kg

### 1461/C8

timing devices for Ford petrol and diesel engines



1461/C8 1 014610080  
450x185x60 mm - 2,8 kg

### 1461/C9

timing devices for Opel 1.0 12V - 1.2 16V - 1.4 16V engines



1461/C9 1 014610090  
335x145x60 mm - 1,0 kg

### 1461/C10

timing devices for Audi, Seat, Skoda and Volkswagen engines



1461/C10 1 014610100  
270x120x45 mm - 4,1 kg

### 1461/C10A

timing devices for Audi, Seat, Skoda and Volkswagen 1.9 - 2.0 TDI engines



1461/C10A 1 014610101  
270x120x45 mm - 1,1 kg

### 1461/C11

timing devices for Renault 1.5 - 1.9 DCI engines



1461/C11 1 014610110  
420x185x60 mm - 2,3 kg

 **Beta**





### 1461/C11A

timing devices for Renault 2.0 dci engines



1461/C11A 1 014610111

420x280x60 mm - 1,2 kg

### 1461/C12

timing devices for Fiat 1.9 JTD 16V Multijet engines



1461/C12 1 014610120

335x145x60 mm - 1,8 kg

### 1461/C12A

timing devices for Fiat 1.9-2.2 JTS and 1.9 JTD Euro 4 engines



1461/C12A 1 014610121

420x185x60 mm - 1,8 kg

### 1461/C14

timing devices for BMW VANOS and Valvetronic engines



1461/C14 1 014610140

420x185x60 mm - 4,0 kg

### 1461/C15

timing devices for BMW Valvetronic engines (for use with item 1461/C14)



1461/C15 1 014610150

420x280x60 mm - 4,0 kg

### 1461/C16

timing devices for BMW 2.0-3.0 DIESEL engines, complete with pump puller



1461/C16 1 014610160

335x145x60 mm - 4,3 kg

### 1461/C17

timing devices for Volkswagen, Seat and Skoda 1.2 6-12V engines



1461/C17 1 014610170

142x102x40 mm - 1,5 kg

### 1461/C18

timing devices for Volkswagen, Audi, Skoda 1.4 - 1.6 FSI engines



1461/C18 1 014610180

335x145x60 mm - 1 kg

### 1461/C19

timing devices for Ford Duratorq 2.0-2.2-2.4 DIESEL engines



1461/C19 1 014610190

420x185x60 mm - 1,5 kg

### 1461R6/K3

timing devices for Peugeot and Citroën engines



1461R6/K3 1 014610601

### 1463/KIT

valve timing system pulley locking kit



1463/KIT 1 014630001

280x140x75 mm - 1,2 kg

**Beta**



**1467**

brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

1467	1,5	1	014670001
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**1467LF**

electric instrument for brake fluid replacement

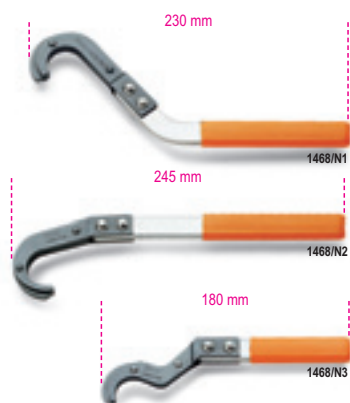


- Automatically stops when tank is empty, thereby preventing air from being let in
  - Maximum tank volume: 20 l
  - Operating pressure: 0.4+3.5 bar
  - Power supply: 230V
- Supplied with:
- Brake oil recovery tank
  - 1 universal cap + 1 standard cap E20

1467LF		1	014670100
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**1468N**

valve depressors for disc removal



1468N/1		1	014680011
1468N/2		1	014680012
1468N/3		1	014680013

**1469**

adjustable self-locking pliers for brake hoses



1469		1	014690001
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**1469C**

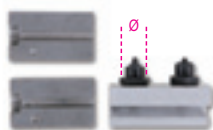
brake hose countersink, in case

SAE J514  
SAE J1065  
DIN 74234

3/16"- 4,75 mm	1	014690100
350x300x105mm - 6 Kg		

**1469C-R**

die and insert kit for brake pipe flaring

SAE J514  
SAE J1065  
DIN 74234

1469C-R 3/16	3/16"	1	014690501
1469C-R 4,75	4,75 mm	1	014690502
1469C-R 6	6 mm	1	014690503
1469C-R 8	8 mm	1	014690504
1469C-R 10	10 mm	1	014690505
1469C-R 12	12 mm	1	014690506

**1469D**

digital brake fluid tester in plastic case

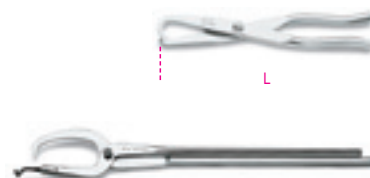


- Allows DOT braking fluids to be tested
- Measures brake fluid boiling point
- Automatic test, with °C/°F scale switching
- Accuracy: 100 + 180 °C +/- 3% > 180 °C +/- 5%
- Power supply: 12 volts (vehicle battery)

1469D		1	014690110
310x230x100 mm - 1,1 kg			

**1470**

drum brake spring pliers



L mm			
210		1	014700001
330		1	014700002
540		1	014700010

**1471**

drum brake spring pliers



L mm			
330		1	014710001

**1471A**

handbrake wire pliers



A max mm	B mm		
45	5	2	014710010



### 1471U

set of tools for rotating and pushing back right and left brake pistons



1471U 1 014710050

410x300x100 mm - 4,4 kg

### 1471M/C22

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories

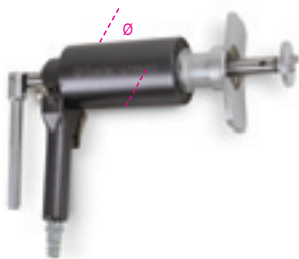


1471M/C22 1 014710101

350x310x85 mm - 3,5 kg

### 1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



50 mm 150 Kg 5+8 1 014710069

### 1471M/P

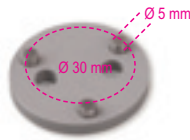
worn pad and TRW-Mégane caliper adapters



1471M/P 1 014710080

### 1471M/W50

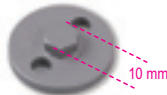
VW Passat handbrake adapter (≥ 2005)



1471M/W50 1 014710079

### 1471PN/B1

Ford handbrake adapter



1471PN/B1 1 014710081

### 1471PN/B2

Daily handbrake adapter



1471PN/B2 1 014710082

### 1471PN/B3

BMW handbrake adapter



1471PN/B3 1 014710083

### 1471PN/B4

BMW handbrake adapter



1471PN/B4 1 014710084

### 1471PN/B5

Mini/ BMW handbrake adapter



1471PN/B5 1 014710085

### 1471CF

pentagon hand sockets for brake caliper nuts



12" 1 014710314  
19 1 014710319

### 1471CM

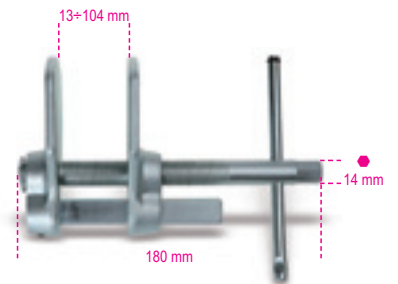
pentagon socket driver for brake caliper screws



10 1 014710360

### 1471D

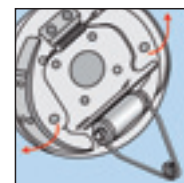
tool for pushing back disc brake pistons with closed callipers



1471D 1 014710300

### 1471/S4

set of 4 pliers for locking drum brake pistons



1471/S4 1 014710250



**1472**

hose clamp pliers



1472 1 014720001

**1472AU**

automatic hose clamp pliers



∅ mm  
18+53 1 014720100

**1472AU/P**

automatic hose ring pliers with extension



∅ mm  
18+54 1 014720105

**1472FS**

CLIC® collar pliers



1472FS 1 014720110

**1473**

OETIKER® collar pliers



1473 1 014730001

**1473A**

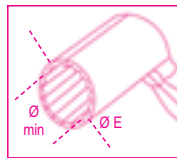
slotholder pliers for OETIKER® collars



1473A 1 014730010

**1474L**

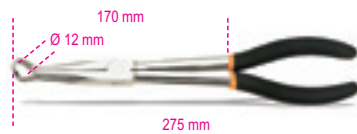
spark-plug pliers, curved long nose, 15°



∅ min mm ∅ E mm  
14 20 2 014740010

**1474DL**

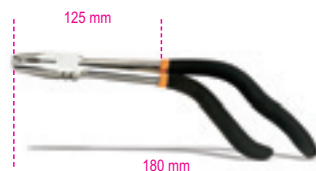
spark-plug pliers, long nose, double layer PVC coated handles



1474DL 1 014740015

**1475U**

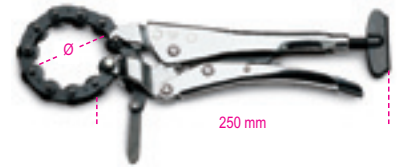
combination pliers, bright chrome-plated, double layer PVC coated gun handles



1475U 1 014750010

**1476**

adjustable self-locking pliers for exhaust pipe cutting



∅ min mm ∅ max mm  
19 75 1 014760001

**1476/RC**

spare chain for item 1476



1476/RC 1 014760010

**1476A**

pliers for exhaust pipe cutting



∅ min mm ∅ max mm  
30 95 1 014760005

**1476A/RC**

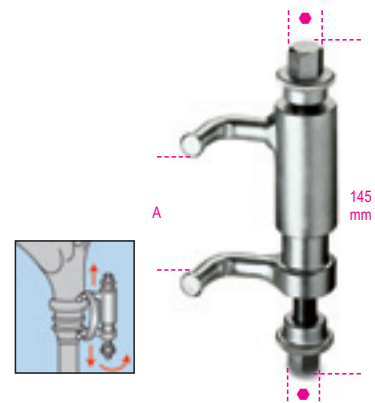
spare chain for item 1476A



1476A/RC 1 014760015

**1476B/1**

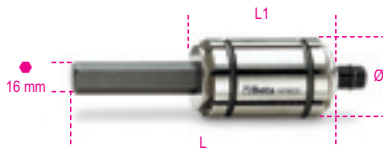
exhaust manifold spring puller



A min+max mm ∅ mm  
40+70 13 1 014760020

### 1476C/1 - 1476C/2

exhaust pipe expanders



1476C/1 1 014760101

Ø 28÷42 mm  
L = 131 mm  
L1 = 51 mm

1476C/2 1 014760105

Ø 38÷62 mm  
L = 164 mm  
L1 = 64 mm

### 1477D

ring wrenches for belt tightening nuts



mm 1 014770113

15 1 014770115

16 1 014770116

17 1 014770117

19 1 014770119

### 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

### 1477K/7

kit with bent reversible ratcheting wrench and bits



- 2 TORX T40-T45 bits  
- 1 XZN 10 bit  
- 1 hexagon bit, 8 mm  
- 3 bi-hex bits, 10-12-13 mm

L mm 1 014770051

250

### 1478

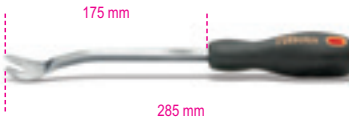
pin removing pliers



1478 1 014780001

### 1479

trim pin remover



1479 2 014790001

### 1479TF

trim pin remover



1479TF 2 014790005

### 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

set of 3 putty knife scrapers



1479U/13 2 014790010

### 1479U/32

trim pin remover, stainless steel blade



1479U/32 2 014790015

### 1479N/S5

kit of 5 nylon trim pin removers



1479N/S5 1 014790251

### 1481PL/A

plastic hose pliers



mm 3 014810110

### 1481PL/B

plastic hose pliers



mm 3 014810120

### 1481PL/C

plastic hose pliers



∅ mm  
25÷45 3 014810130

### 1481PL/S3

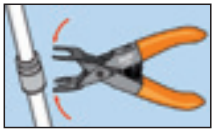
set of 3 plastic hose pliers



1481PL/S3 1 014810200  
1481PL-A ∅ 8÷15 mm  
1481PL-B ∅ 15÷25 mm  
1481PL-C ∅ 25÷45 mm

### 1482/8 - 1482/10

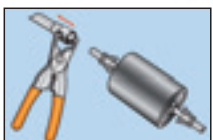
quick coupler pliers for fuel pipes



∅ mm  
1482/8 8 2 014820008  
1482/10 10 2 014820010

### 1482A

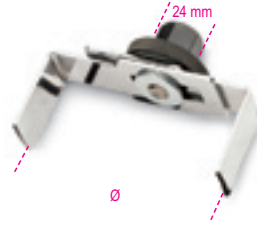
quick coupler pliers for fuel pipes



1482A 2 014820020

### 1482G/...

adjustable wrenches  
for fuel tank floating ring nuts



∅ mm  
1482G/1 85÷120 1 014820025  
1482G/2 118÷165 1 014820030  
1482G/3 160÷205 1 014820035

### 1485/KIT

kit for controlling cam belt tension



1485/KIT 1 014850100  
230x140x75 mm - 580 g

### 1485R

universal tool for rotating camshaft pulleys  
made from forged steel  
with 2 pairs of tips



∅ mm ∅1 mm L mm  
30÷120 10 - 17 500 1 014850025

### 1485R/P10

pairs of inserts



1485R/P10 1 014850035

### 1485R/P17

pairs of inserts



1485R/P17 1 014850038

### 1486T

pulley wrench, V-shaped



∅ mm  
40÷140 1 014860001

### 1486M

pulley wrench



∅ mm  
40÷140 1 014860002

### 1488 - 1488L

oil-filter wrench with double chain



∅ mm  
1488 60÷110 1 014880001  
1488L 60÷160 1 014880050

### 1488/1

oil-filter wrench  
with thin double chain

12"



∅ mm  
60÷110 1 014880010



### 1489/31T

alternator pulley free wheel wrench

12"



T50 15 31 1 014890016

### 1489/33

alternator pulley free wheel wrench



1489/33 33 3 014890010

### 1489/33P

alternator pulley free wheel wrench, for new Bosch FIAT Grande Punto alternators

12"



M 10 mm 15 31 1 014890015

### 1489/E

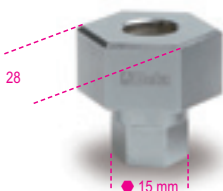
alternator pulley free wheel wrench



mm 10 mm 15 1 014890025

### 1489R

alternator pulley free wheel wrench



1489R 1 014890020

### 1489/Y

alternator pulley free wheel wrench, for Nippondenso alternators



mm 32 3 014890040

### 1489/C14

assortment of 14 tools for free alternator pulleys

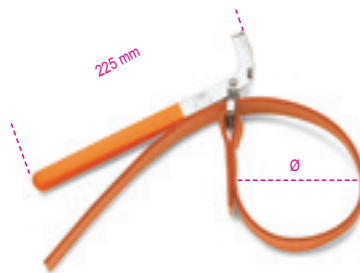


1489/C14 1 014890100

	867PE	8 mm
	867PE/L	8 mm
	867XZN/L	M10
	867TX/L	T50
	867/2	□1/2"
	920B	10 mm
	1489/33	
	1489/33P	M10
	1489R	
	1489/Y	
	1489/31T	T50
	1489/E	10 mm
	188	10 mm
	188	15 mm

### 1490/1 - 1490/2

strap wrenches for oil filters



	Ø max mm		
1490/1	160	1	014900001
1490/2	240	1	014900002

### 1491

adjustable oil filter wrench



mm 65+110 2 014910001

### 1491R

spare metal band for item 1491



1491R 10 014910010

### 1491C

adjustable oil filter pliers



Ø mm 60+100 L mm 300 1 014910030

### 1492/1 - 1492/2

adjustable oil filter wrenches



	Ø mm		
1492/1	60+80	1	014920001
1492/2	80+110	1	014920002

### 1493

oil filter wrench

12"



	Ø mm	N		
65	14	1	014930200	
67	14	1	014930204	
68	14	1	014930206	
73	14	1	014930208	
74	15	1	014930210	
77	15	1	014930212	
76	8	1	014930214	
76	14	1	014930218	
76	15	1	014930220	
78	15	1	014930224	
80	15	1	014930226	
82	15	1	014930228	
86	16	1	014930230	
90	15	1	014930234	
92	10	1	014930236	
93	15	1	014930238	
95	15	1	014930244	
100	15	1	014930248	
106	15	1	014930250	
108	15	1	014930252	
135	18	1	014930256	

## 1493/PF

Purflux® oil-filter wrenches



Ø mm	N		
66	6	1	014930202
76	12	1	014930216
76	30	1	014930222
86	9	1	014930065
86	18	1	014930232
93	36	1	014930240
93	45	1	014930242
96	9	1	014930070
96	18	1	014930246
108	18	1	014930254

## 1493/C30

set of 28 oil filter wrenches



Sizes included in kit (Ø mm / n°. of sides)  
1493:

65/14 - 67/14 - 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)

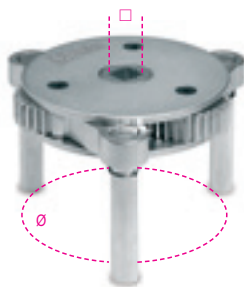
66/6 - 76/12 - 76/30 - 86/18  
93/36 - 93/45 - 96/18 - 108/18

- Includes 1 adjustable oil filter wrench  
Ø 65÷120 mm

1493/C30 1 014930000

## 1493/S-U

self-adjusting oil filter wrench with 3 arms,  
for right and left hand tightening



	□	Ø mm		
1493/S	3/8-1/2	80-115	1	014930074
1493/U	1/2	105-165	1	014930076

## 1493T

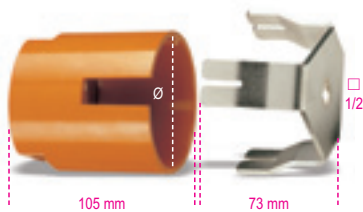
adjustable oil-filter wrench,  
three arms



Ø mm		
60÷120	1	014930075

## 1493J

wrench for Fiat MultiJet, Lancia,  
Opel CDTI and Suzuki DDiS  
diesel oil filters



Ø mm		
90	1	014930080

## 1493Z/1 - 2 - 3

self-locking oil filter wrenches



	Ø mm		
1493Z/1	60÷80	1	014930090
1493Z/2	80÷100	1	014930095
1493Z/3	100÷125	1	014930100

## 1494

square oil drain plug socket



mm		
10	1	014940280

## 1494E

male hexagon oil drain plug sockets



8	1	014940208
9	1	014940209
10	1	014940210
11	1	014940211
12	1	014940212
14	1	014940214
17	1	014940217

## 1494Q

male square oil drain plug sockets



8	1	014940258
9,5	1	014940259
12	1	014940262
13	1	014940263

## 1494T

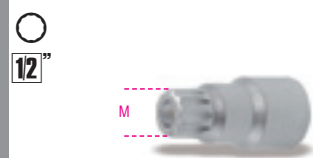
male triangular oil drain plug socket



9,5	1	014940289

## 1494XZN

male oil drain plug socket with XZN® profile



M		
16	1	014940296

**Beta**



### 1494/C14A

assortment of 14 oil change tools

12"



1494/C14A

1 014940150

- 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

### 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

### 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/A

oil plug wrench



□ 10 x ■ 10 mm 2 014960001

### 1496/B

oil plug wrench



□ 10 x ■ 8 mm 3 014960005

### 1496/C

oil plug wrench



■ 8 x ■ 10 mm 3 014960010

### 1496/D

oil plug wrench

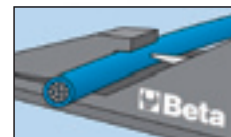
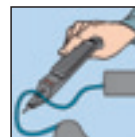


● 10 x ● 12 mm 3 014960015

### 1498

voltage tester

CE



3÷48V

2 014980100

### 1498B/12

portable car starter, 12 V



- TECHNICAL DATA:
- Pickup current: 2200 A
  - 230 V battery charger
  - Shoulder strap included

1498B/12

1 014980205





### 1498B/24

portable car and commercial vehicle starter, 12-24 V

CE



#### TECHNICAL DATA

- Pickup current: 4200 A (12 V), 2100 A (24 V)
- Useful recharging cycles: 400
- Sealed lead acid battery, solid electrolyte (AGM) type



1498B/24 1 014980224

### 1498CB/40

electronic motorcycle battery charger

CE



#### SPECIFICATIONS

- Power supply: 230V
- Power: 20W
- Voltage: 12V
- Charging current: 1A
- Nominal capacity: 1-30 Ah

#### ACCESSORIES SUPPLIED WITH BATTERY CHARGER:

- Connecting clamps
- Connector with eyelet terminals
- Connector for lighter socket



1498CB/40 1 014980302

### 1498CB/M-40

motorcycle lighter connector



Ø 12-21 mm

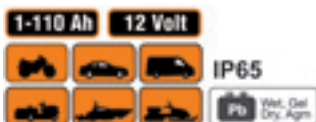


1498CB/M-40 1 014980366

### 1498CB/80

electronic car/motorcycle battery charger

CE



#### SPECIFICATIONS

- Power supply: 230V
- Power: 60W
- Voltage: 12V
- Charging current: 3,5A
- Nominal capacity: 1-110Ah

#### ACCESSORIES WITH BATTERY CHARGER:

- Connecting clamps
- Connector with eyelet terminals
- Connector for lighter socket

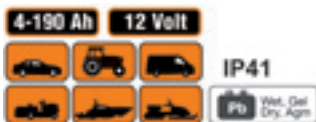


1498CB/80 1 014980308

### 1498CB/120

electronic car / commercial vehicle battery charger

CE



#### SPECIFICATIONS

- Power supply: 230V
- Power: 110W
- Voltage: 12V
- Charging current: 6.5-1A
- Nominal capacity: 4-190Ah

#### ACCESSORIES SUPPLIED WITH BATTERY CHARGER:

- Connecting clamps
- Connector with eyelet terminals
- Connector for lighter socket



1498CB/120 1 014980312

220x98x55 mm - 850 g

### 1498CB/300

electronic battery charger, 12-24V

CE



#### TECHNICAL DATA

- Power supply: 230V
  - Power: 350W
  - Voltage: 12-24V
  - Charging current: 15-10A
  - Nominal reference capacity: 30-500Ah
- ACCESSORIES SUPPLIED WITH BATTERY CHARGER**
- Connecting clamps
  - Connector with eyelet terminals



1498CB/300 1 014980330

### 1498TB/ST

Digital tester with printer for testing battery and starter in plastic case

CE



Measures state of charge, capacity and efficiency of battery

- Tests alternator for efficiency
- Tests starter

#### SPECIFICATIONS

- **Battery tests:** 6 and 12 Volts
- **System test:** 12 and 24 V
- **Operating range:** 40-2000CA (SAE)
- **Reference standards:** SAE, DIN, EN, IEC, JIS
- **Voltmeter:** 1.5-30V
- **Screen:** backlit 4-line LCD display
- **Thermal printer**
- **Software languages:** EN-F-E-D-I-P-NL
- **Supplied with:** 1 printing paper roll, 6 AA size 1.5V batteries
- Issue of control code



1498TB/ST 1 014980471

410x380x80 mm - 2 kg

### 1499

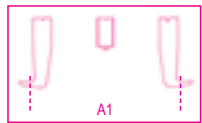
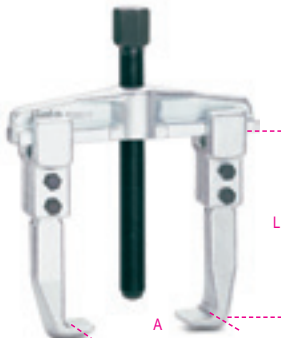
sonoscope probe



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/...

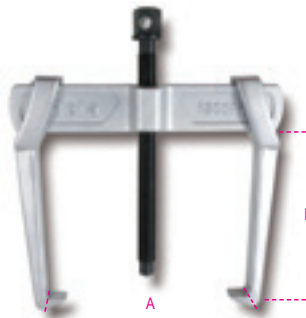
legs, pair, standard series,  
for items 1500 and 1580/8l



	A 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
		1580/8l		

### 1500N/...

universal pullers with 2 sliding legs



	A min+max mm	L mm		
1500N/0	18÷65	70	1	015000600
1500N/1	23÷70	100	1	015000601
1500N/2	23÷100	100	1	015000602
1500N/3	35÷140	150	1	015000603
1500N/4	35÷190	150	1	015000604
1500N/5	43÷250	205	1	015000605
1500N/6	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...

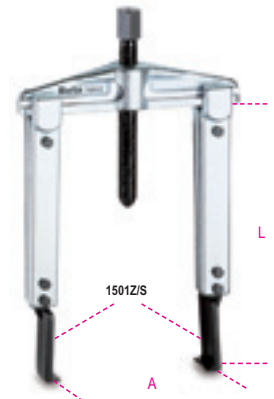
loose legs for pullers 1500N



	A 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

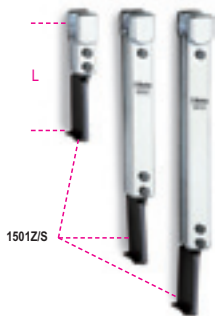


	L mm		
1501/1	100	1	015010101
1501/2	200	1	015010102
1501/3	250	1	015010103

	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



	A mm	D mm		
1501Z/S	2,0	27	2	015010211
1501Z/P	3,6	27	2	015010212
1501Z/R	3,6	14	2	015010213

### 1505

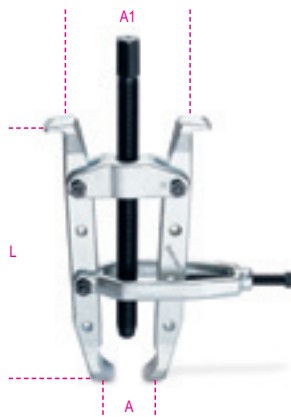
windshield wiper arm remover



	A mm	L mm		
1505	22-28-30-35	28	1	015050010

### 1511/1 - 2 - 3

external pullers  
with two reversible legs

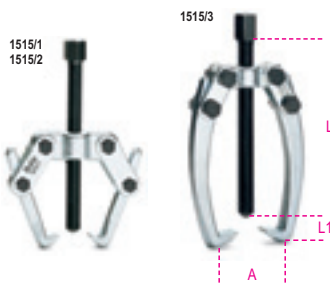


	L mm		
1511/1	235	1	015110001
1511/2	350	1	015110002
1511/3	405	1	015110003

	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	kg	kn
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

### 1517G

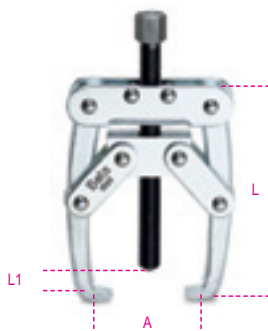
3 legs for pullers 1517



1517G/90	1	015170200	
1517G/150	1	015170210	
1517G/200	1	015170220	
1517G/260	1	015170230	

### 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	105
1508/2	10÷140	130





### 1517GS

3 thin legs for pullers 1517



1517GS/150

1 015170209

### 1517T

central body for pullers item 1517



1517T/90-150-200

1 015170410

1517T/260

1 015170430

### 1517V

spare screws for item 1517



	mm	L mm	
1517V/90	19	182	1 015170100
1517V/150	19	242	1 015170110
1517V/200	19	307	1 015170120
1517V/260	27	395	1 015170130

### 1518/...

three-leg pullers



	L mm	
1518/1	105	1 015180001
1518/2	150	1 015180002
1518/3	220	1 015180003
1518/4	240	1 015180004
1518/5	350	1 015180005
1518/6	400	1 015180006

	A min+max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	135
1518/3	40÷220	235
1518/4	80÷250	270
1518/5	80÷300	270
1518/6	80÷350	270

### 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	135
1521/2	160	235

### 1529

multi-step cone pulley puller

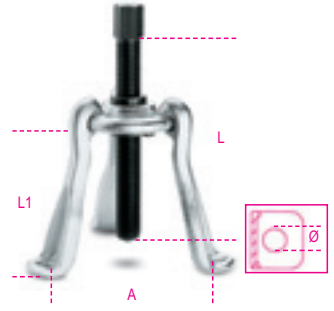


	A min+max mm	L min+max mm	L1 min+max mm	
24÷240	60÷95	90÷135		1 015290000

260x210x60 mm - 2,6 kg

### 1530/3 - 1530/4

wheel hub pullers



	A max mm	L mm	L1 mm	
1530/3	225	210	150	1 015300030
1530/4	225	210	150	1 015300040

	D mm	n.
1530/3	18	3
1530/4	18	4

### 1530B

leg for puller item 1530



1530B

1 015300011

### 1531/3 - 4 - 5

hub and wheel drum pullers



	A max mm	
1531/3	250	1 015310001
1531/4	250	1 015310002
1531/5	250	1 015310003

	D mm	L mm	L1 mm	n.
1531/3	14-18-22	210	135	3
1531/4	14-18-22	210	135	4
1531/5	14-18-22	210	135	5



### 1531B

leg for puller item 1531



1531B 1 015310201

### 1532

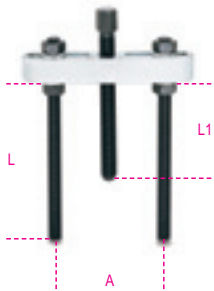
packing removal tool



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
1533/5	305	1 015330005

A min+max mm	L1 mm	
1533/2	45÷130	110
1533/3	85÷225	175
1533/4	80÷310	175
1533/5	145÷370	235

### 1533PR/1 - 2 - 3

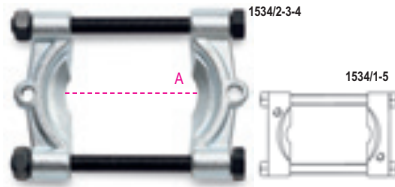
extensions for pullers 1533



1533PR/1	1 015330011
1533/2	
1533PR/2	1 015330012
1533/3	
1533PR/3	1 015330013
1533/4-5	

### 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
1534/5	1533/5	1 015340005

	A min+max mm
1534/1	5÷60
1534/2	12÷75
1534/3	22÷115
1534/4	25÷155
1534/5	30÷220

### 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/C5 1 015350005

1533/5	
1533PR/3	
1534/5	

530x510x85 mm - 27,4 kg

### 1539

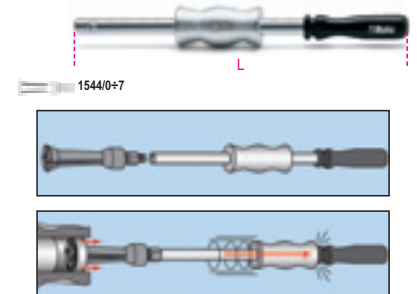
sheet sliding hammer



1539 1 015390001

### 1540

sliding hammer



1540 390 M10 0÷7 1 015400001

### 1542/1 - 1542/2

two-leg pullers for extractors



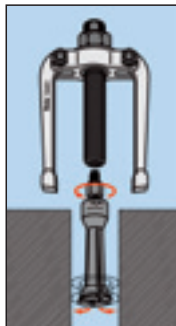
	A min+max mm	1544	
1542/1	35÷75	0÷7	1 015420001
1542/2	60÷130	9C-10C	1 015420002

	L mm	L1 mm
1542/1	140	140
1542/2	175	160



## 1544/...

two-leg 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/C5

puller 1542/1 with 5 extractors 1544



1545/C5 1 015450001

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	Ø		
1547 P/1	205	1547/1	1	015470101
1547 P/2	102	1547/2	1	015470201

## 1547PC/2

round extensions, short series



	L mm	Ø		
1547PC/2	42	1547/2	1	015470202

## 1547PL/2

round extensions, long series



	L mm	Ø		
1547PL/2	106	1547/2	1	015470203

## 1550/1

pneumatic compressor for MacPherson and equivalent shock absorber springs

- Operating pressure: 6 bars - max. 8 bars
- Mean air consumption: 225 l/min

CE



1550/1 1 015500001

## 1550/PS

shock absorber basket for item 1550/1



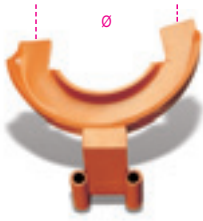
1550/PS 1 015500057





### 1550/SR...

spare fork for item 1550/1



	∅ mm		
1550/SR90	50÷90	1	015500050
1550/SR150	90÷150	1	015500051
1550/SR175	120÷175	1	015500052
1550/SR205	130÷205	1	015500053

### 1550/MRC

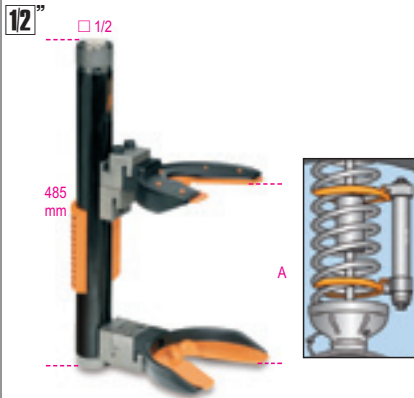
fork for (C and E class) Mercedes W203, W209 shock absorbers



1550/MRC	1	015500061
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### 1555DS

compressor for Mac Pherson and equivalent shock absorber springs



A	∅		
min+Max mm	min+Max mm		
50÷350	80÷200	1	015550000

### 1555S/MRC-C

fork for (C and E class) Mercedes W203, W209 shock absorbers, for items 1555DS and 1555/QS



1555S/MRC-C	1	015550301
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### 1555S/BMW-RNT

fork for BMW E39, E46 and Renault Mégane II shock absorbers, for items 1555DS and 1555/QS



1555S/BMW-RNT	1	015550303
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### 1555/QS

compressor for MacPherson and equivalent shock absorber springs



A	∅		
min+Max mm	min+Max mm		
70÷300	90÷205	1	015550005

### 1555C

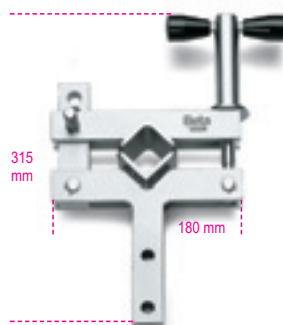
telescopic compressor for shock absorber springs



∅	A	N		
min+Max mm	min+Max mm	Kg		
90÷160	80÷225	25000 2500	1	015550202

### 1555M

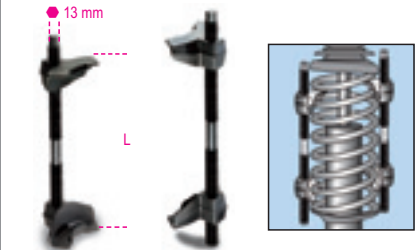
special vice for shock absorbers



1555M	1	015550010
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### 1556/1A

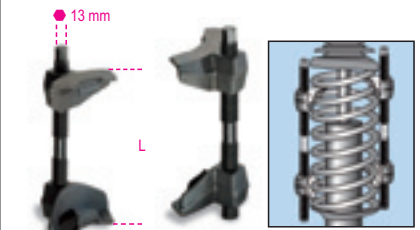
compressor for shock absorber springs



min L max mm	1	015560101
65÷320		

### 1556/2A

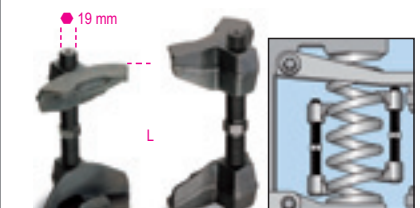
compressor for shock absorber springs



min L max mm	1	015560102
65÷200		

### 1556/3A

compressor for shock absorber springs



min L max mm	1	015560103
87÷170		

### 1557

impact sockets for truck leaf springs



L	L1		
mm	mm		
37	28	1	015570137
46	34	1	015570146
56	34	1	015570156

### 1557V

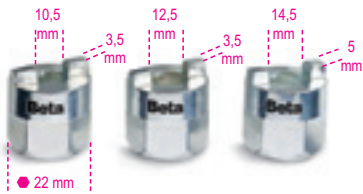
impact sockets for Volvo leaf springs



mm	1	015570299
27		

### 1557/S3

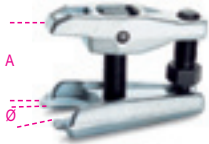
set of 3 sockets  
for shock absorber nuts



1557/S3 1 015570010

### 1559

ball joint puller, light series



	A max mm	Ø mm		
1559/22	50	18÷22	1	015590001
1559/36	90	36	1	015590036
1559/45	115	45	1	015590045

### 1559V/8T

hydraulic screw for ball joint pullers 1559/36  
and 1559/45



N  
Kg  
80000  
8000

1 015590145

### 1560/1 - 1560/2

ball joint pullers, professional type



	A min+max mm	Ø mm		
1560/1	12÷50	20	1	015600001
1560/2	60÷85	20	1	015600002

### 1560A

ball joint puller



1560A 1 015600601

### 1561/...

ball joint pullers



	L mm	A mm	Ø mm		
1561/1	39	36,6	18	1	015610001
1561/2	47	45,7	25	1	015610002
1561/3	63	62	30	1	015610003
1561/4	75	63	40	1	015610004

### 1562D

ball joint puller

Supplied with 2 screws for pulling suspension and steering  
joints



A max mm	Ø mm	• mm	L mm		
50	39	26	155	1	015620239

### 1565/1 - 2 - 3

fork separators for ball joints



	Ø mm	L1 mm		
1565/1	18	65	1	015650001
1565/2	23	65	1	015650002
1565/3	30	88	1	015650003

### 1566N

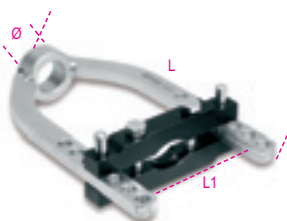
tool for removing/installing steering arms



Ø mm	○ mm	L mm		
35÷45	27	400	1	015660010

### 1566GO

homokinetic joint puller



L mm	L1 mm	Ø mm		
250	100	29,5	1	015660051

### 1568/C15

chain opening and riveting kit



1568/C15 1 015680015

### 1568R/CS3

punches for chain openers



1568R/CS3 1 015680503

### 1569

assortment of tools for extracting and inserting  
rear axle silent blocks,  
driving shaft oil seals and wheel bearings

- Bushings can be used both on vehicle and on hydraulic press
- Direct extraction with wrench
- User-friendly, no pneumatic or hydraulic machines required
- The kit comprises:
  - 4 threaded bars: M10-M12-M14-M16
  - 4 washers
  - bushing for diameters ranging from 44 mm to 82 mm



1569 1 015690010

### 1570/3

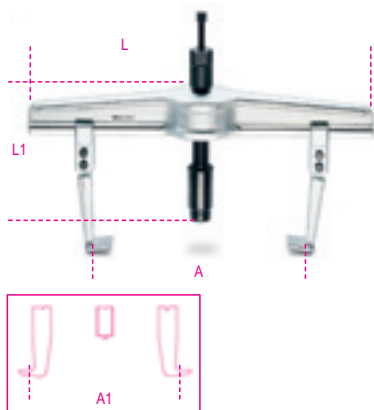
hydraulic presses for pullers



t	L mm	L1 mm	• mm		
30	243	36	19	1	015700003

## 1580/8I

two-leg hydraulic puller



1580/8I 1 015800008

	A min+max mm	L mm	L1 mm	A1 min+max mm
1580/8I	170÷640	715	280	260÷715

## 1580GL

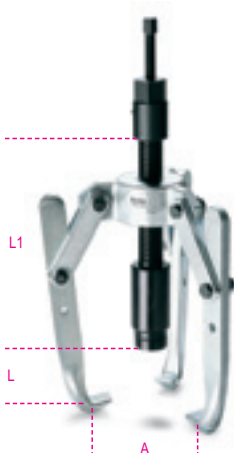
loose legs, long series, for pullers item 1580/8I



	L mm
1580GL/8A	300
1580GL/8B	400
1580GL/8C	500

## 1585/5I - 6I - 7I

three-leg pullers for hydraulic use

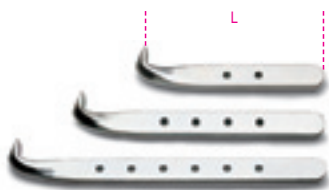


1585/5I 1 015850005  
1585/6I 1 015850006  
1585/7I 1 015850007

	A min+max mm	L1 mm	L mm
1585/5I	50÷350	135	280
1585/6I	50÷350	235	280
1585/7I	50÷350	335	280

## 1585GI/5 - 6 - 7

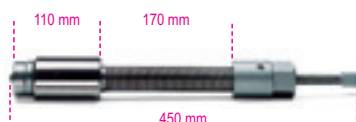
legs for hydraulic puller  
1585/I-1585/6I-1585/7I



	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

## 1589PI/50 - 100 - 150

extension sockets for hydraulic screw



	L mm	L1 mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

## 1590

standard clamps



A max mm	L1 mm		
60	55	2	015900305
80	65	2	015900307
100	65	2	015900310
120	85	2	015900312
150	95	2	015900315

## 1591

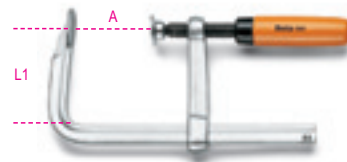
screw clamps



A ~	A max mm	L1 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

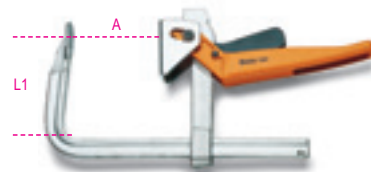
screw clamps



A ~	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

## 1594

lever bar clamps



A ~	A max mm	L1 mm		
200	240	145	2	015940020
250	290	145	2	015940025
300	340	145	2	015940030
400	430	150	2	015940040
500	530	150	2	015940050
600	630	150	2	015940060

## 1594A

aluminium clamps



A ~	A max mm	L1 mm		
100	110	80	1	015940110
200	210	80	1	015940125
300	320	80	1	015940130

## 1594A/RG

rubber caps for clamps 1594A

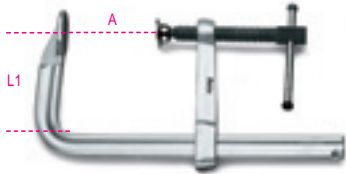


1594A/RG 2 015940199



## 1595

screw clamps



A ~	A max mm	L1 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

## 1596

nylon/fibreglass clamps



A max mm	L1 mm		
150	60	1	015960115
300	60	1	015960130
450	60	1	015960145

## 1596/RG

rubber caps for clamps 1596



1596 /RG	1	015960199
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## 1599F

parallel bench vices

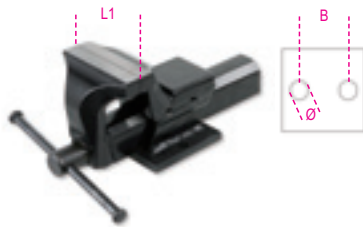
with hardened top and slides



L1 mm	BxH mm	Ø mm		
100	92x46	11	1	015990100
125	108x54	13	1	015990125
150	125x62	13	1	015990150
175	140x70	15	1	015990175

## 1599P

parallel bench vices



L1 mm	B mm	Ø mm		
100	92	11	1	015990000
125	108	13	1	015990025
150	130	15	1	015990050

## 1599B

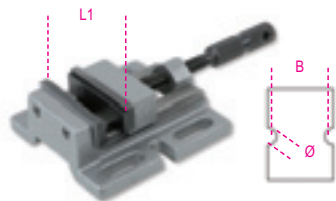
revolving bases for vices item 1599P



	1599P		
1599B100	100	1	015990810
1599B125	125	1	015990812
1599B150	150	1	015990815

## 1599T

parallel drill vices



L1 mm	B mm	Ø mm		
80	111	11	1	015990480
100	120	13	1	015990500

## 1599G

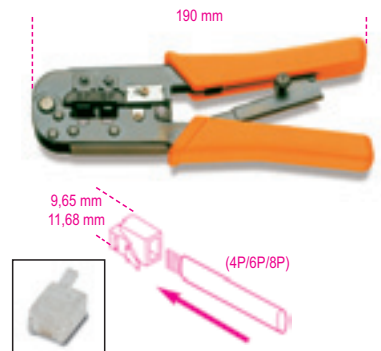
pairs of aluminium jaw covers



A mm		
100	1	015990910
125	1	015990912
150	1	015990915
180	1	015990917

## 1601/PC

ratchet crimping pliers  
for telephone terminals  
and data transmission

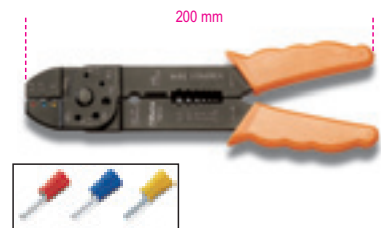


RJ11-RJ12-RJ45

2	016010011
---	-----------

## 1602

crimping pliers  
for insulated terminals, light series



mm<sup>2</sup>  
0,75+6

5	016020001
---	-----------

## 1602/C9T

crimping pliers  
with assortment of 450 terminals



1602/C9T

1	016020013
---	-----------

1602		n.
1620	R/6,3	1
1620	B/6,3	50
1620	G/6,3	50
1624	R/6,3	50
1624	B/6,3	50
1624	G/6,3	50
1628	R/1,6	50
1628	B/2,3	50
1628	G/3,6	50

420x350x35 mm - 1,5 kg

**Beta**

### 1602A

crimping pliers for insulated terminals, standard model



mm<sup>2</sup>  
0÷8 2 016020005

### 1604

self-locking pliers for insulated terminals



mm<sup>2</sup>  
0,5÷6 1 016040001

### 1606

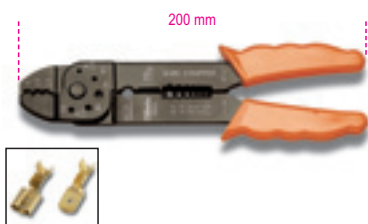
heavy duty crimping pliers for cylindrical terminals



mm<sup>2</sup>  
0,5÷6 1 016060001

### 1603

crimping pliers for non-insulated terminals, light series



mm<sup>2</sup>  
1,25÷5,5 5 016030001

### 1604/C9T

self-locking pliers 1604 with assortment of 450 terminals



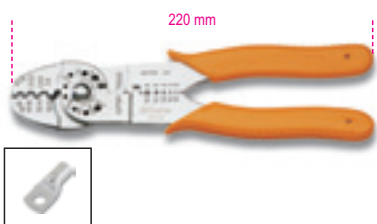
1604/C9T 1 016040013

1604		n.
1620	R/6,3	50
1620	B/6,3	50
1620	G/6,3	50
1624	R/6,3	50
1624	B/6,3	50
1624	G/6,3	50
1628	R/1,6	50
1628	B/2,3	50
1628	G/3,6	50

420x350x35 mm - 2 kg

### 1603A

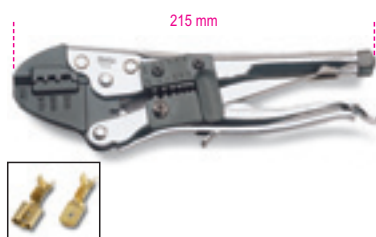
crimping pliers for non-insulated closed terminals, standard model



mm<sup>2</sup>  
0÷8 2 016030005

### 1605

self-adjusting pliers for non-insulated terminals



mm<sup>2</sup>  
0,5÷6 1 016050001

### 1606A

crimping pliers for tubular terminals



1606A6	0,5÷6	1 016060010
1606A16	6÷16	1 016060016

### 1606A/C9

crimping pliers for tubular terminals with assortment of 450 terminals, 0,5÷6 mm<sup>2</sup>



1606A/C9 1 016060100

1606A		n.
1632	W/0,5K	50
1632	N/1,5K	100
1632	B/2,5K	100
1632	G/4K	100
1632	Y/6K	100

420x350x35 mm - 2,5 kg

### 1607

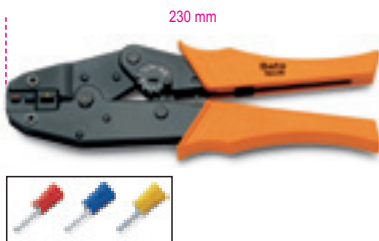
heavy duty crimping pliers  
for BNC coaxial wires RG 58, RG 59,  
RG 62, RG 71



	L mm	A mm	B mm		
1607	220	73	19	1	016070001

### 1608

crimping pliers for insulated terminals,  
with pressure regulator



	mm <sup>2</sup>		
1608	0,5÷6	1	016080001

### 1608/C9T

pliers 1608  
with assortment of 450 terminals



1608/C9T		
	1	016080013

		n.
1608		1
1620	R/6,3	50
1620	B/6,3	50
1620	G/6,3	50
1624	R/6,3	50
1624	B/6,3	50
1624	G/6,3	50
1628	R/1,6	50
1628	B/2,3	50
1628	G/3,6	50

420x350x35 mm - 2 kg

### 1608A

heavy duty crimping pliers  
for insulated terminals



	mm <sup>2</sup>		
1608A	0,75÷6	1	016080005

### 1609

crimping pliers for non-insulated  
terminals, professional model  
fast performance



	mm <sup>2</sup>		
1609	0,5÷2,5	1	016090001

### 1609A

heavy duty crimping pliers  
for non-insulated terminals



	mm <sup>2</sup>		
1609A	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	mm <sup>2</sup>		
600	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>		
1609C/C5	50÷240	1	016090210

500x300x110 mm - 4 kg

### 1609M

dies for item 1609C

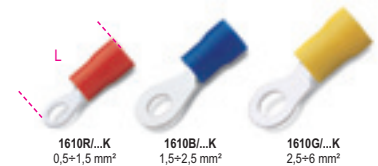
hexagonal crimps



	mm <sup>2</sup>		
1609M/16	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

### 1610

ring terminals



	D mm	mm <sup>2</sup>	L mm		
1610R/4K	4	0,5-1,5	17	1	016100104
1610R/5K	5	0,5-1,5	20	1	016100105
1610B/5K	5	1,5-2,5	22	1	016100115
1610B/6K	6	1,5-2,5	27	1	016100116
1610B/8K	8	1,5-2,5	27	1	016100118
1610G/6K	6	2,5-6	31	1	016100126
1610G/8K	8	2,5-6	34	1	016100128

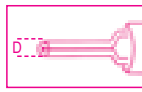
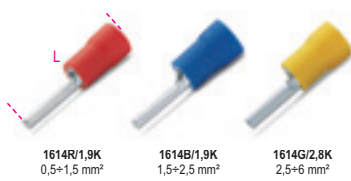
**Beta**

ISO 9001



## 1614

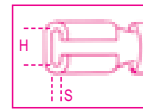
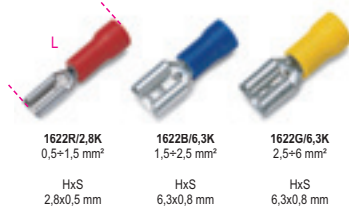
### pin terminals



	D mm	L mm	mm <sup>2</sup>	mm		
1614R/1,9K	1,9	0,5-1,5	21		1	016140101
1614B/1,9K	1,9	1,5-2,5	21		1	016140102
1614G/2,8K	2,8	2,5-6	25		1	016140103

## 1622

### female spade terminals



	mm <sup>2</sup>	L mm		
1622R/2,8K	0,5-1,5	20	1	016220101
1622R/6,3K	0,5-1,5	22	1	016220103
1622B/6,3K	1,5-2,5	22	1	016220106
1622G/6,3K	2,5-6	22	1	016220108

## 1632

### tube terminals



	mm <sup>2</sup>	L mm		
1632W/0,5K	0,5	14	1	016320005
1632G/0,75K	0,75	14	1	016320007
1632R/1K	1	14	1	016320010
1632N/1,5K	1,5	15	1	016320015
1632B/2,5K	2,5	15	1	016320025
1632G/4K	4	17	1	016320040
1632Y/6K	6	20	1	016320060

## 1616

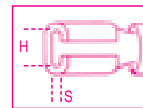
### male connectors



	D mm	L mm	mm <sup>2</sup>		
1616R/4K	4	0,5-1,5	21	1	016160104

## 1624

### insulated female terminals



	mm <sup>2</sup>	L mm		
1624R/6,3K	0,5-1,5	23	1	016240102
1624B/6,3K	1,5-2,5	24	1	016240104
1624G/6,3K	2,5-6	24	1	016240105

## 1634

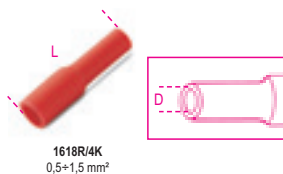
### dual tube terminals



	mm <sup>2</sup>	L mm		
1634W/0,5K	0,5	15	1	016340005
1634G/0,75K	0,75	15	1	016340007
1634R/1K	1	15	1	016340010
1634N/1,5K	1,5	16	1	016340015
1634B/2,5K	2,5	19	1	016340025
1634G/4K	4	23	1	016340040
1634Y/6K	6	26	1	016340060

## 1618

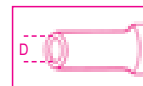
### female connectors



	D mm	L mm	mm <sup>2</sup>		
1618R/4K	4	0,5-1,5	24	1	016180104

## 1628

### cable connectors



	D mm	L mm	mm <sup>2</sup>	mm		
1628R/1,6K	1,6	0,5-1,5	25		1	016280101
1628B/2,3K	2,3	1,5-2,5	26		1	016280102
1628G/3,6K	3,6	2,5-6	26		1	016280103

## 1639NS-N

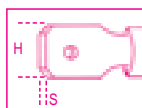
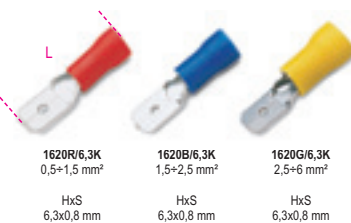
### friction tape, black



L m			
25	10	016390025	

## 1620

### male spade terminals



	mm <sup>2</sup>	L mm		
1620R/6,3K	0,5-1,5	22	1	016200101
1620B/6,3K	1,5-2,5	22	1	016200102
1620G/6,3K	2,5-6	22	1	016200103

## 1630

### rapid connectors



	mm <sup>2</sup>	L mm		
1630R/K	0,5-1,5	20	1	016300101
1630B/K	1,5-2,5	20	1	016300102

## 1639S

### nylon wire puller

with interchangeable heads



L m	∅ mm		
10	4	1	016390010

## 1640K

punch press, with 4 punches

round holes  
22.5-25.5-32.5-55 mm



1640K 1 016400001

## 1640

sheet metal punch press



1640 1 016400100

## 1640A

adapter for item 1640



1640A 1 016400080

## 1640P

threaded pin for item 1640



	Ø mm		
1640P/9	9,5	1	016400088
1640P/19	19	1	016400089

## 1640Q

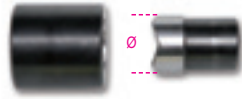
square punches for item 1640



	mm		
1640Q/45	45x45	1	016400065

## 1640T

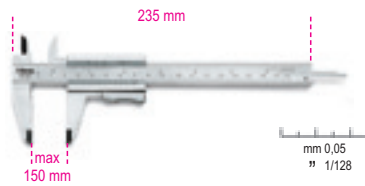
round punches for item 1640



	Ø mm		
1640T/22,5	22,5	1	016400022
1640T/25,5	25,5	1	016400025
1640T/32,5	32,5	1	016400032
1640T/55,5	55,5	1	016400055

## 1650

workshop vernier  
reading to 0.05 mm  
reading to 1/128"

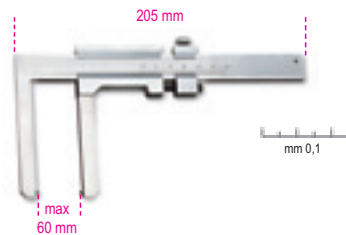


UNI/ISO 3599 DIN 862

1650 1 016500001

## 1650FD

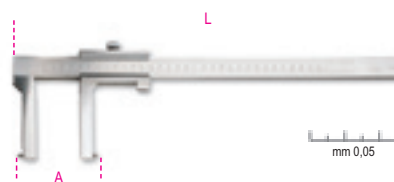
sliding gauge for brake discs  
reading to 0.1 mm



1650FD 1 016500050

## 1650FT

sliding gauge for brake drums  
made from stainless steel  
reading to 0.05 mm



	A max mm	L mm		
1650FT	350	438	1	016500060
1650FT/2	500	550	1	016500070

## 1651DGT

digital vernier,  
reading to 0.01 mm  
reading to 0.0005"



DIN 862

1651DGT 1 016510111

## 1652

analogue vernier,  
analogue reading to 0.02 mm



DIN 862

1652 1 016520016

## 1654

workshop verniers,  
reading to 0.02 mm

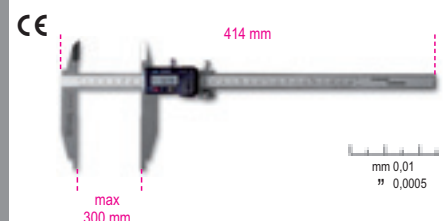


UNI/ISO 6906 DIN 862

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"

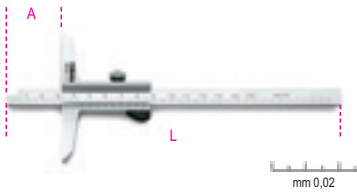


DIN 862

1654DGT 1 016540111

### 1656

depth gauge, reading to 0.02 mm



DIN 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"

CE



DIN 862

A max mm	L mm		
1657DGT/2	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



1658/C4		1	016580001
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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

### 1658DGT

outside micrometers,  
reading to 0.001 mm



DIN 863

A mm			
1658DGT/25	0÷25	1	016580325
1658DGT/50	25÷50	1	016580350

### 1658SP/1

base for micrometer  
made from cast iron



1658SP/1		1	016580910
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### 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



C mm			
1662/1	0÷5	1	016620001
1662/2	0÷10	1	016620010

### 1662DGT

digital dial indicator,  
reading to 0.01 mm  
C=Dial field



C mm			
1662DGT	0÷12,5	1	016620310

### 1662AN

adjustable stylus dial indicator,  
reading to 0.01 mm

C=Dial field



C mm			
1662AN	0÷0,8	1	016620200

### 1662SP0

magnetic base



1662SP0		1	016620800
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**Beta**



### 1662SP2

magnetic base, rotating



1662SP2 1 016620910

### 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

### 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

precision 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	180	3	016700030
400	200	2	016700040
500	250	2	016700050
600	300	2	016700060
750	375	1	016700080
1000	500	1	016700099

### 1670A

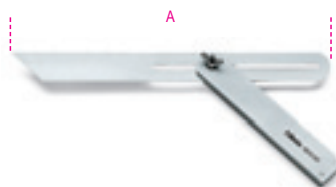
flanged precision squares  
made from ground steel



L mm	L1 mm		
100	70	3	016700110
150	100	3	016700115
200	130	3	016700120
250	160	3	016700125
300	180	3	016700130
400	200	2	016700140
500	250	2	016700150
600	300	2	016700160
800	400	1	016700180
1000	500	1	016700199

### 1672

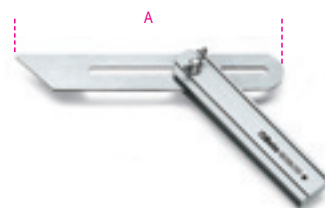
mitre square, adjustable sliding blade,  
base and blade made from steel



A mm			
300	2	016720030	

### 1672A

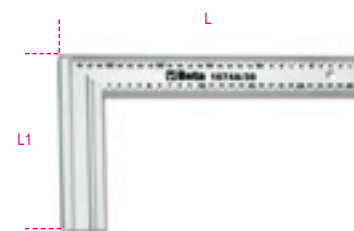
mitre square, adjustable,  
sliding blade, aluminium base,  
blades made from chrome-plated steel



A mm			
200	3	016720120	
300	3	016720130	

### 1674A

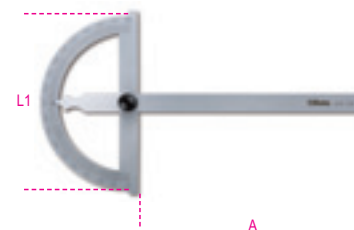
carpenter's squares blades  
made from stainless steel,  
with aluminium bases, double metric scale



L mm	L1 mm		
300	169	2	016740130
400	214	2	016740140

### 1676

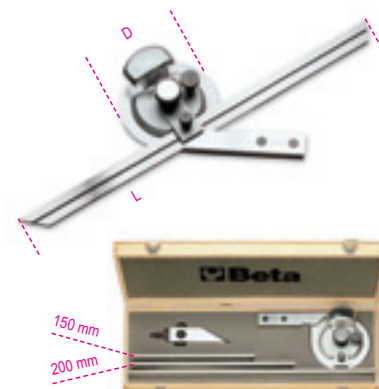
protractors made from stainless steel



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

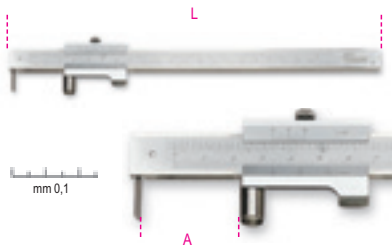
bevel protractor  
made from stainless steel



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

### 1680C

precision dividers, hardened steel straight tips



L mm	A mm	
150	138	2 016800315
200	190	2 016800320
250	235	1 016800325
300	280	1 016800330

### 1685/C7

assortment of 7 measuring and marking tools



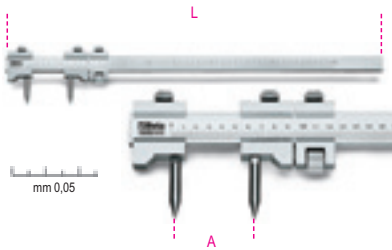
1685/C7	1 016850110
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1650	160 mm
1658/25	0+25 mm
1670	100 mm
1680C	150 mm
1682	150 mm
1688BC	165 mm
1688BC/R	

320x210x37 mm - 1,2 kg

### 1680

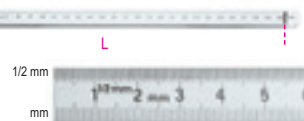
trammels, hardened steel body and tips



L mm	A max mm	
660	500	1 016800050

### 1682

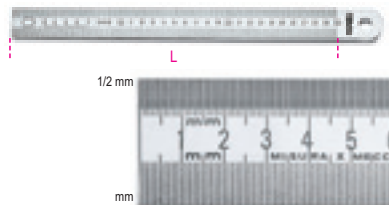
flexible graduated rules made from stainless steel



L mm	
150	5 016820015
200	5 016820020
250	5 016820025
300	5 016820030
500	2 016820050
1000	2 016820100

### 1683

semi-rigid graduated rules made from stainless steel



L mm	
300	5 016830030
500	2 016830050
1000	2 016830100
1500	1 016830150
2000	1 016830200

### 1680A

inside callipers



L mm	A mm	
150	144	2 016800115
200	200	2 016800120
250	245	1 016800125
300	300	1 016800130

### 1680B

outside callipers



L mm	A mm	
150	155	2 016800215
200	190	2 016800220
250	235	1 016800225
300	280	1 016800230



### 1687A

engineer's precision scribe, tip bent at 90°, with handle



1687A	L mm	L1 mm	
	153	80	1 016870120

### 1687AC

engineer's precision scribe, short tip bent at 90°, with handle



1687AC	L mm	L1 mm	
	153	80	1 016870125

### 1687D

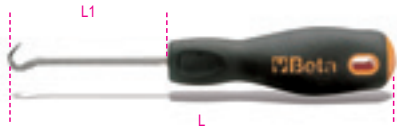
engineer's precision scribe, straight tip, with handle



1687D	L mm	L1 mm	
	153	80	1 016870110

### 1687U

engineer's precision scriber,  
hook tip, with handle



	L mm	L1 mm		
1687U	153	80	1	016870115

### 1687/S4

set of 4 engineer's precision scribers,  
with handles



1687/S4			1	016870150
1687A-1687AC				
1687D-1687U				

### 1688

engineer's scriber  
made from hardened steel



	L mm	Ø mm		
1688	250	2	5	016880020

### 1688A

engineer's scriber  
made from hardened steel



	L mm	Ø mm		
1688A	200	4	5	016880120

### 1688BC

engineer's scriber  
made from chrome-plated, hardened steel



	L mm	Ø mm		
1688BC	148	2	1	016880200

### 1688BC/R

spare tip for item 1688BC



1688BC/R			1	016880210

### 1688M

carpenter's pencil



	L mm			
1688M	180		50	016880880

### 1690F

folding ruler made of fibreglass  
precision class III



	L m	S mm		
1690F/2	2	17	5	016900220

### 1690L

folding ruler made of birch  
precision class III



	L m	S mm		
1690L/2	2	17	5	016900200

### 1691BG

measuring tapes  
shock-resistant bimaterial ABS casings,  
steel tapes,  
precision class II



	L m	S mm		
1691BG/3	3	19	5	016910103
1691BG/5	5	25	5	016910105
1691BG/8	8	25	3	016910108
1691BG/10	10	25	2	016910110

### 1692

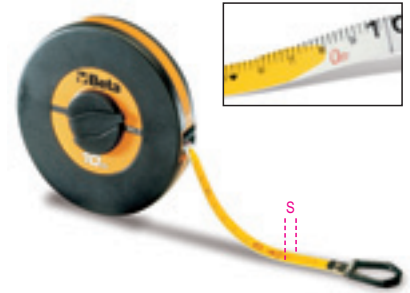
measuring tapes,  
shock-resistant bi-material ABS casings,  
steel tapes,  
precision class II



	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

### 1694/L

measuring tapes shock-resistant  
ABS casings, PVC-coated fibreglass tapes,  
precision class III



	L m	S mm		
1694/L10	10	13	1	016940110
1694/L20	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/L	50	12,5	1	016940350

**Beta**



## 1695

laser distance gauge

### FEATURES:

- Area and volume calculation.
- Indirect measurement (Pythagoras).
- Addition/Subtraction.
- Continuous measurement.
- Min/max distance reading.



CE

IP54

### TECHNICAL DATA

Measuring range: 0.05÷50 m

Scale selection: m, in, ft

Accuracy: ±1.5 mm

Laser class: 2

Laser power: 635 nm, <1mW

Stored measurement values: 20

Operating temperature: 0°C ÷ 40°C / 32°F ÷ 104°F

LCD display, backlit

Data saving function

Self-power down

Power supply: 2 x 1.5V AAA/9V batteries (included)

Soft cloth bag (included)

Operating manual

Weight: 135 g

1695



1 016950000

## 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
800	43	23	2 016960108
1000	43	23	2 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	
300	49	22	2 016960203
400	49	22	2 016960204
500	49	22	2 016960205
600	49	22	2 016960206

## 1696D

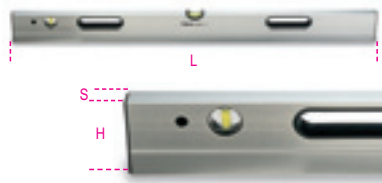
spirit levels made of die-cast aluminium with handles, 4 ground bases and 3 unbreakable vials, accuracy: 1 mm/m



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

## 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

## 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

## 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	
1699Q	150	40
	200	48

## 1700N

masonry points



L mm	S mm	
1700N	250	16
	300	16

## 1700N/PM

masonry points with hand guards



L mm	S mm	
1700N/PM	250	16
	300	16

## 1701N

masonry chisels



L mm	A mm	S mm	
1701N	250	23	16
	300	23	16

### 1701N/PM

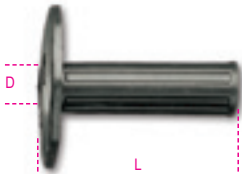
masonry chisels  
with hand guards



L mm	A mm	S mm		
250	23	16	2	017010101
300	23	16	2	017010103

### 1701PMR

hand guards for items 1700N and 1701N



D mm	L mm		
16	115	1	017010206

### 1701NE/...

electrician's chisels



	SxL mm		
1701NE/3	10x200	5	017010406
1701NE/4	10x250	5	017010409

### 1702N

extra-wide chisels



A mm	SxH mm		
50	12x25	2	017020005
70	12x25	2	017020007

### 1702N/PM

extra-wide chisels  
with hand guards



A mm	SxH mm		
50	12x25	2	017020105
70	12x25	2	017020107



We recommend frequent cooling  
of the tool while regrinding it.

### 1702PMR

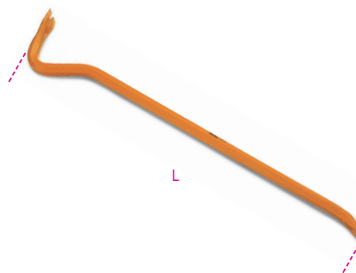
hand guard for item 1702N



L mm		
115	1	017020200

### 1704

carpenter's wrenching bars



L mm		
500	2	017040050
600	2	017040060
800	2	017040080

### 1704A

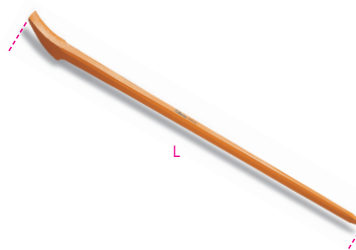
crow bars with open and pointed edges



L mm		
1500	1	017040110
2000	1	017040120

### 1704C

crow bars with closed and pointed edges



L mm		
1200	1	017040210
1400	1	017040212
1600	1	017040215

### 1705

chalk line reel made from aluminium



L m		
30	4	017050001

### 1705PT

chalk powder



g		
250	5	017050025

### 1706DGT

digital depth gauge for tyre threads



1706DGT	1	017060011

### 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	
1707A/1	1,0÷7,0	2 017070007
1707A/2	7,5÷15	2 017070015
1707A/3	15,5÷25	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



1709/10	L mm	A max mm	1	017090010
1709/18	90	17 (M10)	1	017090018
1709/18	108	25 (M16)	1	017090018

### 1710

hydraulic nut splitters



7(M4)	C min mm	C max mm	1	017100001
	7	22(M14)		

### 1712E/1 - 2 - 3

flexible magnetic pick up tools

F = magnetic power

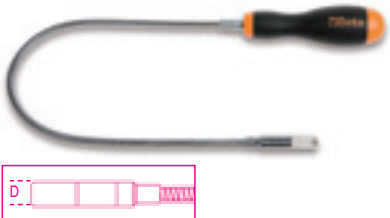


1712E/1	L mm	D mm	F kg	2	017120011
1712E/2	420	7,5	0,5	2	017120012
1712E/3	530	15	1,8	2	017120013
	532	19	3,0		

### 1712E/L1

flexible magnetic pick-up tool with LED light

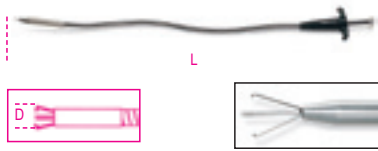
F = magnetic force  
Battery: 2xLR48



1712E/L1	L mm	D mm	F kg	2	017120111
	500	11	0,75		

### 1713M

flexible pickup tools



L mm	D mm	2	017130011
500	7		
1000	7	1	017130015

### 1714

inspection mirror made from plastic



1714	L mm	D mm	5	017140001
	155	25		

### 1715

telescopic joint inspection mirror  
chrome-plated metal body



1715	L mm	D mm	1	017150001
	180+540	30		

### 1715FL/A

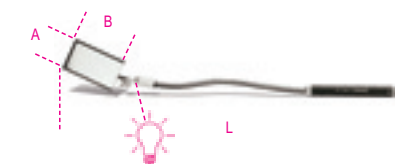
square flexible inspection mirror



1715FL/A	L mm	A mm	B mm	1	017150110
	600	53	90		

### 1715FL/B

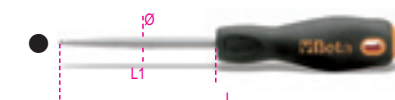
rectangular flexible inspection mirror  
with light



1715FL/B	L mm	A mm	B mm	1	017150115
	553	53	90		

### 1716R

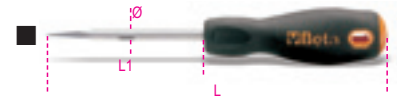
round bit reamer



1716R	L mm	L1 mm	Ø mm	5	017160001
	215	100	6		

### 1716Q

square bit reamer



1716Q	L mm	L1 mm	Ø mm	5	017160010
	215	100	6		

### 1716A

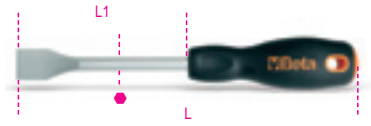
angled bit for general use



1716A	L mm	L1 mm	Ø mm	3	017160040
	240	125	6		

### 1716P

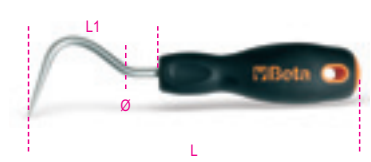
packing scraper



1716P	L mm	L1 mm	Ø mm	3	017160020
	250	125	6		

### 1716U

hook bit for general use



1716U	L mm	L1 mm	Ø mm	3	017160025
	195	80	6		

### 1717A

scrapers, two cutting edges



150	L mm	L1 mm	L2 mm	2	017170015
200	70	260		2	017170020
250	75	310		2	017170025
	100	360			

### 1717B

scrapers, three cutting edges

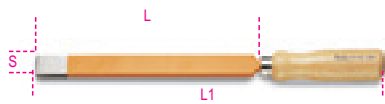


150	L mm	L1 mm	L2 mm	2	017170115
200	75	260		2	017170120
250	85	310		2	017170125
	100	360			



### 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

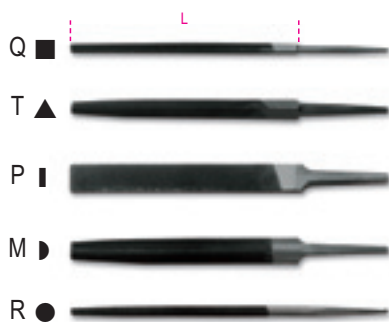
flat scraper, front cut



L mm	S mm	L1 mm		
1717D	150	23	240	2 017170320

### 1718A6/...

6" second cut files without handles



	L mm	L "		
1718A6/Q	150	6	5	017180021
1718A6/T	150	6	5	017180023
1718A6/P	150	6	5	017180025
1718A6/M	150	6	5	017180027
1718A6/R	150	6	5	017180029



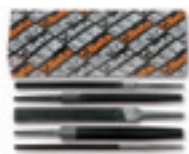
1718A6/S5	1	017180030
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### 1718A8/...

8" second cut files without handles



	L mm	L "		
1718A8/Q	200	8	5	017180031
1718A8/T	200	8	5	017180033
1718A8/P	200	8	5	017180035
1718A8/M	200	8	5	017180037
1718A8/R	200	8	5	017180039



1718A8/S5	1	017180040
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### 1718A10/...

10" second cut files without handles



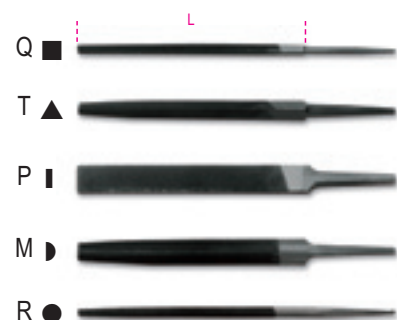
	L mm	L "		
1718A10/Q	250	10	5	017180041
1718A10/T	250	10	5	017180043
1718A10/P	250	10	5	017180045
1718A10/M	250	10	5	017180047
1718A10/R	250	10	5	017180049



1718A10/S5	1	017180050
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### 1718D6/...

6" bastard cut files without handles



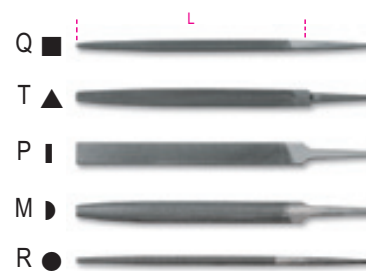
	L mm	L "		
1718D6/Q	150	6	5	017180121
1718D6/T	150	6	5	017180123
1718D6/P	150	6	5	017180125
1718D6/M	150	6	5	017180127
1718D6/R	150	6	5	017180129



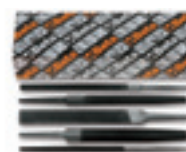
1718D6/S5	1	017180130
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### 1718D8/...

8" bastard cut files without handles



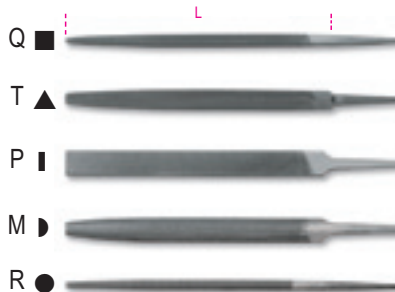
	L mm	L "		
1718D8/Q	200	8	5	017180131
1718D8/T	200	8	5	017180133
1718D8/P	200	8	5	017180135
1718D8/M	200	8	5	017180137
1718D8/R	200	8	5	017180139



1718D8/S5	1	017180140
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### 1718D10/...

10" bastard cut files without handles



	L mm	L "		
1718D10/Q	250	10	5	017180141
1718D10/T	250	10	5	017180143
1718D10/P	250	10	5	017180145
1718D10/M	250	10	5	017180147
1718D10/R	250	10	5	017180149



1718D10/S5	1	017180150
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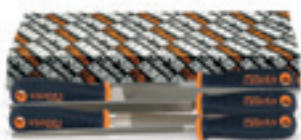
**Beta**

## 1719BMA

second cut files,  
plastic handles



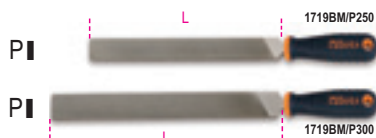
	L mm	L "		
1719BMA/Q	200	8	5	017190052
1719BMA/T	200	8	5	017190054
1719BMA/P	200	8	5	017190056
1719BMA/M	200	8	5	017190058
1719BMA/R	200	8	5	017190060



1719BMA/S5	1	017190070
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## 1719BMB/P

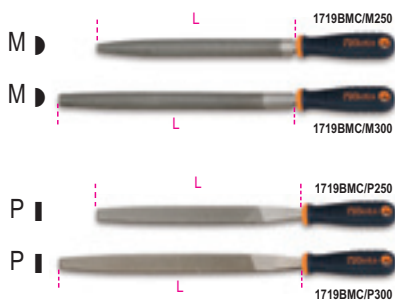
universal cut flat files,  
plastic handles



L mm	L "		
250	10	5	017190152
300	12	5	017190153

## 1719BMC

half-round and flat files,  
plastic handles



	L mm	L "		
1719BMC/M250	250	10	6	017190252
1719BMC/M300	300	12	4	017190253
1719BMC/P250	250	10	6	017190262
1719BMC/P300	300	12	4	017190263

## 1719BMD8

8" bastard cut files plastic handles



	L mm	L "		
1719BMD8/Q	200	8	5	017190221
1719BMD8/T	200	8	5	017190223
1719BMD8/P	200	8	5	017190225
1719BMD8/M	200	8	5	017190227
1719BMD8/R	200	8	5	017190229



1719BMD8/S5	1	017190230
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## 1719BM/RR

round rasp,  
plastic handle



	L mm	L "		
1719BM/RR	200	8	5	017190351

## 1719BM/RL

flat rasp file,  
plastic handle



	L mm	L "		
1719BM/RL	200	8	5	017190360

## 1719BMR

handles for files

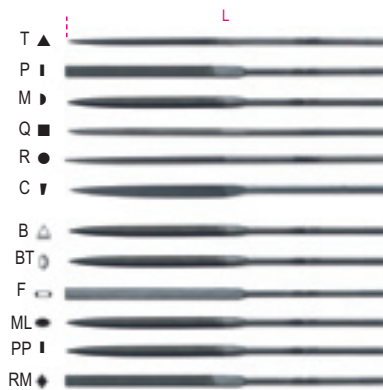


	L mm	A mm		
1719BMR/0	95	25	10	017190950
1719BMR/1	110	29	10	017190951
1719BMR/1B	150	29	10	017190953
1719BMR/2	123	31	10	017190952

	mm	"		
1719BMR/0	100/150	4/6	▲▶●●	
1719BMR/1	150/200	6/8	▲▶	
1719BMR/1B	150/200	6/8	●●	
1719BMR/2	250/300	10/12	▲▶●●	

## 1720/...

needle files



	L mm		
1720T	160	5	017200004
1720P	160	5	017200006
1720M	160	5	017200008
1720Q	160	5	017200009
1720R	160	5	017200010
1720C	160	5	017200012
1720B	160	5	017200005
1720ML	160	5	017200007
1720BT	160	5	017200011
1720F	160	5	017200013
1720PP	160	5	017200014
1720RM	160	5	017200015



1720/S3	1	017200000
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## 1720/B

set of 6 needle files in plastic wallet



1720/B6	1	017200002
1720/B12	1	017200003

## 1720D/...

diamond needle files



	L mm		
1720D/T	160	2	017200104
1720D/P	160	2	017200106
1720D/M	160	2	017200108
1720D/Q	160	2	017200109
1720D/R	160	2	017200110
1720D/C	160	2	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 210 5 017230001

### 1725

hacksaw frame



1725 420 300 4 017250001

### 1725CR

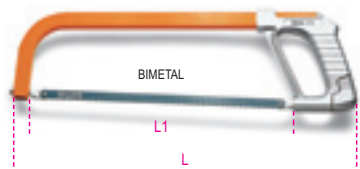
mini hacksaw frame



1725CR 250 150 5 017250010

### 1726

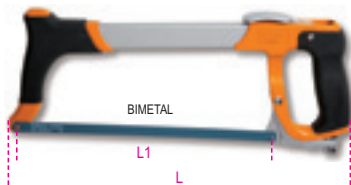
hacksaw frame, blade attachment  
system in the handle



1726 440 300 4 017260001

### 1726BM

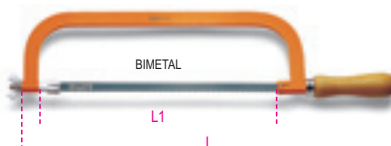
hacksaw frame with quick release blade  
attachment system



1726BM 400 300 1 017260050

### 1727

hacksaw frame, heavy series



1727 515 300 4 017270001

### 1727BM

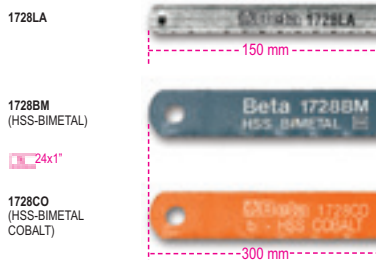
hacksaw frame,  
one hand grip



1727BM 315 300 5 017270020

### 1728...

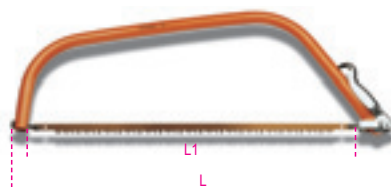
blades for hacksaw frames



1728LA 100 017280001  
1725CR  
1725MQ  
1728BM 100 017280010  
1725-1726  
1727-1727M  
1728CO 100 017280030  
1725-1726  
1727-1727M

### 1729

fixed frame hacksaw



1729 710 610 5 017290001

### 1729LR

spare blade for item 1729



1729LR 10 017290010

### 1729CG

plasterboard saw



1729CG 310 160 2 017290200

### 1729DM 450

wood rip saw

medium tootingh, 12 teeth/inch



1729DM 450 400 4 017290450

### 1736A

file brush



1736A 240 10 017360010

### 1737

brush, brass wires



1737 145 10 017370001

### 1737NX

brake shoe cleaning brush  
plastic handle steel wires



1737NX 270 5 017370010



### 1737AC

steel wire brush



L mm  
1737AC 275 5 017370020

### 1737B

pairs of battery lug and post cleaner steel brushes



1737B 1 017370050

### 1738

bristle brush



L mm H mm  
1738 210 30 10 017380001

### 1739A

lazy tongs riveter, supplied with 5 interchangeable nozzles



max 830 mm  
Ø mm 3,2 4 4,8 5 6 6,4  
aluminium  
stainless steel

1739A 1 017390101

### 1740A

heavy duty riveting pliers supplied with 5 interchangeable nozzles



525 mm  
Ø mm 3,2 4 4,8 5 6 6,4  
aluminium  
stainless steel

1740A 1 017400101

### 1740B

compact heavy-duty riveting pliers



Ø mm 2,4 3 3,2 3,2 4,8  
aluminium  
stainless steel  
Inox

L mm  
1740 B280 280 1 017400280

Ø mm 3,2 4 4,8 5 6 6,4  
aluminium  
stainless steel  
Inox

L mm  
1740 B330 330 1 017400330

### 1741B

riveting pliers supplied with 4 interchangeable nozzles



Ø mm 2,4 3,2 4 4,8 5  
Aluminium  
Steel  
Stainless steel

1741B 1 017410000

### 1741B/C5

riveting pliers item 1741B with assortment of 700 aluminium rivets



1741B/C5 1 017410025

	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

415x155x60 mm - 3,1 Kg

### 1741BP

riveting pliers supplied with 4 interchangeable nozzles



260 mm  
Ø mm 2,4 3,2 4 4,8 5  
Aluminium  
Steel  
Stainless steel

1741BP 1 017410350

### 1741U

ultra compact riveting pliers with adjustable force  
with 4 interchangeable nozzles  
3 legs: enhanced rivet hold



200 mm  
Ø mm 2,4 3 3,2 4 4,8  
Aluminium  
Steel  
Stainless steel

1741U 1 017410450

### 1741RV...K

aluminium rivets



1741RV2,9K 1 017410191  
ØxL = 3x6 mm  
1741RV3,2K 1 017410192  
ØxL = 3,2x8 mm  
1741RV3,8K 1 017410193  
ØxL = 4x10 mm  
1741RV4K 1 017410194  
ØxL = 4x12 mm  
1741RV4,8K 1 017410195  
ØxL = 4,8x12 mm



## 1742

riveting pliers for threaded rivets,  
with 4 interchangeable mandrels



1742 1 017420001

M	Ø mm	L mm
3	5	11
4	6	11
5	7	13
6	9	17

## 1742KR

kit with 4 spare mandrels for item 1742



M3	1	017420043
M4	1	017420044
M5	1	017420045
M6	1	017420046

## 1742R-AL/M...

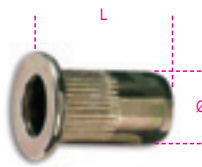
threaded aluminium rivets  
for items 1742 - 1742A



1742R-AL/M3	1	017420023
ØxL = 5x10 mm M = 3		
1742R-AL/M4	1	017420024
ØxL = 6x12 mm M = 4		
1742R-AL/M5	1	017420025
ØxL = 7x13 mm M = 5		
1742R-AL/M6	1	017420026
ØxL = 9x15 mm M = 6		

## 1742R-A/M...

threaded steel rivets for item 1742-1742A



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		

## 1742/C4

riveting pliers item 1742  
with assortment of 400 threaded  
steel insets



1742/C4 1 017420005

	Ø		
	M	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

## 1742A

heavy duty riveting pliers for threaded insets,  
with 4 interchangeable mandrels

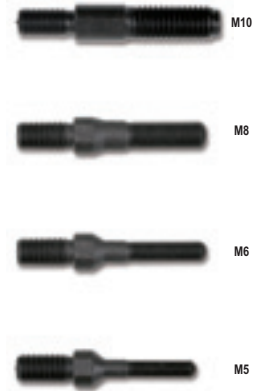


1742A 1 017420100

M	Ø mm	L mm
5	7	13
6	9	17
8	11	17
10	13	24

## 1742A/KR

kit with 4 spare pins for item 1742A



1742A/KR	M5	1	017420143
1742A/KR	M6	1	017420144
1742A/KR	M8	1	017420145
1742A/KR	M10	1	017420146

## 1742A/C

riveting pliers item 1742A with assortment  
of 60 threaded steel insets



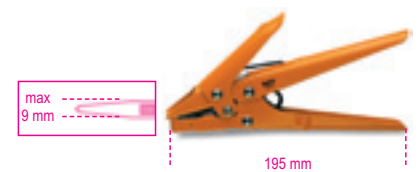
1742A/C 1 017420105

	Ø		
	M	mm	n.
1742R-A/M5	5	7	20
1742R-A/M6	6	9	20
1742R-A/M8	8	11	10
1742R-A/M10	10	13	10

536x310x80 mm - 2,1 kg

## 1743

fitting tool for nylon ties



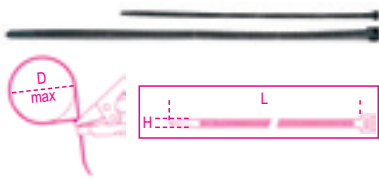
1743 2 017430001

**Beta**

**Beta**  
**WORK**

## 1748/...K

nylon cable ties, self-locking heads



<b>1748/3K</b>	1 017480203
HxL = 2,5x100 mm D = 18 mm	
<b>1748/6K</b>	1 017480206
HxL = 2,5x160 mm D = 40 mm	
<b>1748/7K</b>	1 017480207
HxL = 3,6x150 mm D = 33 mm	
<b>1748/8K</b>	1 017480208
HxL = 3,6x200 mm D = 46 mm	
<b>1748/9K</b>	1 017480209
HxL = 3,6x300 mm D = 70 mm	
<b>1748/14K</b>	1 017480214
HxL = 4,8x190 mm D = 43 mm	
<b>1748/17K</b>	1 017480217
HxL = 4,8x300 mm D = 72 mm	
<b>1748/18K</b>	1 017480218
HxL = 4,8x360 mm D = 85 mm	
<b>1748/23K</b>	1 017480223
HxL = 7,6x300 mm D = 67 mm	
<b>1748/24K</b>	1 017480224
HxL = 7,6x368 mm D = 88 mm	

## 1748B/...K

white nylon clamps



<b>1748B/3K</b>	1 017480303
HxL = 2,5x100 mm D = 18 mm	
<b>1748B/6K</b>	1 017480306
HxL = 2,5x160 mm D = 40 mm	
<b>1748B/7K</b>	1 017480307
HxL = 3,6x150 mm D = 38 mm	
<b>1748B/8K</b>	1 017480308
HxL = 3,6x200 mm D = 46 mm	
<b>1748B/9K</b>	1 017480309
HxL = 3,6x300 mm D = 70 mm	
<b>1748B/14K</b>	1 017480314
HxL = 4,8x190 mm D = 44 mm	
<b>1748B/17K</b>	1 017480317
HxL = 4,8x300 mm D = 72 mm	
<b>1748B/18K</b>	1 017480318
HxL = 4,8x360 mm D = 86 mm	

## 1748/C5

fitting tool for ties with assortment of 400 ties



**1748/C5** 1 017480100

	H mm	L mm	n.
<b>1743</b>			1
<b>1748/3K</b>	2,5	100	100
<b>1748/7K</b>	3,6	150	100
<b>1748/8K</b>	3,6	200	100
<b>1748/14K</b>	4,8	190	100

325x245x55 mm - 850 g

## 1749

bonding gun varnished metal sheet



<b>1749</b>	L min mm	340	2 017490001
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## 1749A

bonding gun, professional model aluminium tube



<b>1749A</b>	L min mm	360	1 017490010
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## 1749AC

high thrust gun for chemical binders



<b>1749AC</b>	L min mm	360	1 017490005
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## 1750

lever operated grease guns



cc	L mm	
<b>500</b>	380	1 017500500
<b>750</b>	450	1 017500750

## 1750R/1 - 1750R/2

spare flexible hose made from nylon



	L mm	
<b>1750R/1</b>	310	2 017500030
<b>1750R/2</b>	410	2 017500040

## 1750RC

curved rigid hose



	L mm	M mm	
<b>1750RC</b>	150	10x1	2 017500050

## 1750RT

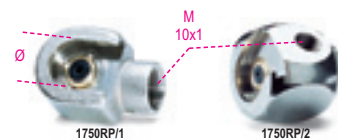
4-jaw grease fitting "Hydraulic" type



	M mm	
<b>1750RT</b>	10x1	5 017500110

## 1750RP/1 - 1750RP/2

heads for flat nozzles



	Ø mm	M mm	
<b>1750RP/1</b>	16	10x1	2 017500115
<b>1750RP/2</b>	22	10x1	2 017500120

## 1750CG

grease cartridges for item 1750B



cc		
<b>400</b>	18	017500140
<b>600</b>	18	017500160



**1751**

metal pressure oil cans flexible spout



cc	D mm	L mm		
200	62	140	4	017510002
300	75	140	4	017510003
500	85	140	4	017510005
750	100	140	2	017510007
1000	100	140	2	017510011

**1751R**

spare spout for item 1751



200+1000	5	017510010
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**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
700	95	140	2	017520007

**1752R**

spare spout for item 1752



200+700	5	017520020
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**1753**

plastic pressure oil cans flexible spouts



cc	D mm	L mm		
200	65	190	4	017530002
300	80	190	4	017530003
500	95	190	4	017530005
700	95	190	2	017530007

**1753R**

spare spout for item 1753



cc				
200+700	5	017530020		

**1754**

plastic pressure oil cans flexible plastic spouts



cc	D mm	L mm		
150	60	130	5	017540015
250	65	130	5	017540025

**1755**

plastic oil bottles retractable spouts



cc	L mm	A mm		
30	160	30	5	017550003
80	170	47	5	017550008
150	230	58	5	017550015

**1756**

pen oiler



cc	L mm		
5	140	2	017560001

**1756B**

pen oiler



cc	L mm		
500	280	2	017560220

**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**

plastic funnel



1758	410	1	017580001
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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 340 mm 1 017590001

### 1759B

acid densimeter, glass body



1759B 280 mm 1 017590005

### 1759HD/2

cooling system seal tester



1759HD/2 1 017590062



### 1760DGT

digital multi-meter



**Technical Data**  
 RPM (tachometer): 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 typical  
 Continuity: <1500Ω - Test current <0.3mA  
 Display: High-contrast, backlit 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

### 1760 400A

amperometric clamp for multimeters



AC/DC

**SPECIFICATIONS**  
 Max. current: 400 A  
 Frequency: 50/60 Hz  
 Power supply: 1 9V battery (included)

1760 400A 1 017600080

### 1760B

digital multimeter



**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

## 1760/RMS

industrial digital multimeter  
accurate and sturdy, in a 6-mm co-moulded  
shell, with antislip, shockproof outer rubber  
part



CE

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 to 11mF)	11nF – 40mF ±5% - ±10% rdg (up
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

## 1760PA/AC

amperometric clamp and digital multi-meter



CE

A: AC

V: AC/DC

### 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)

	L	
	mm	
1760PA/AC	190	



1 017600050

## 1760PA/AC-DC

amperometric clamp and digital multimeter



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

## 1760/TC2

combination contact/non-contact  
digital tachometer



CE

A: AC

V: AC/DC

### 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, 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.

	L	H
	mm	mm
1760/TC2	230	74



1 017600161

## 1760R/TC2

set of reflecting tapes for item 1760/TC2



1760R/TC2



1 017600561

## 1760/IR800

digital infrared thermometer  
with dual laser aiming system



CE

### TECHNICAL DATA

- Range: -50 °C to +800 °C / -58 °F to +1472 °F
- Scale selection: °C/°F
- Accuracy: ±1.0% or ±1.0 °C to 20 °C
- Laser power: <1mW
- Response: 150ms
- Emissivity: 0.10-1.0 adjustable
- Distance ratio: (D:S) 20:1
- Operating temperature: 0 °C ÷ 50 °C / 32 °F ÷ 122 °F
- Operating humidity: 10% to 90% RH
- Backlit LCD display
- Data storage function
- Auto power off
- Power supply: 1 9V battery (included)
- Soft cloth case (included)
- Operating manual

1760/IR800



1 017600380

**Beta**



## 1760/IR1600

digital infrared thermometer  
with laser aiming system



CE

### TECHNICAL DATA

Range: da -50 °C to +1600 °C / -58 °F to +2912 °F

Scale selection: °C/°F

Accuracy: ±1.5% or ±2 °C to 20 °C

Laser power: <1mW

Response: 1sec

Emissivity: 0.10-1.0 adjustable

Distance ratio: (D:S) 50:1

Operating temperature: 0 °C + 50 °C / 32 °F + 122 °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 017600460

## 1760/2TM

two-way digital thermometer



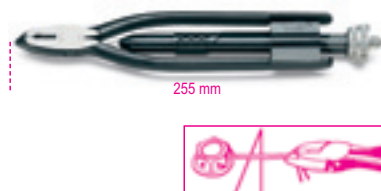
CE

- Two-way type-K thermocouple thermometer
- Backlit LCD display, 42 mm in width, complete with function indicator
- Maximum reading: 1999
- Temperature: Celsius (°C) or Fahrenheit (°F)
- Range: -50°C to 1300°C / -58°F to -2372°F
- Resolution: 1°C or 1°F - 0.1°C or 0.1°F
- Accuracy: 0.5% of maximum and data retention value
- Supplied with: 2 K-type thermocouple sensors
- Soft cloth case
- 1 9V battery (included)
- Operating manual

1760/2TM 1 017600100

## 1761

locking wire pliers



1761 1 017610001

## 1761RS/1

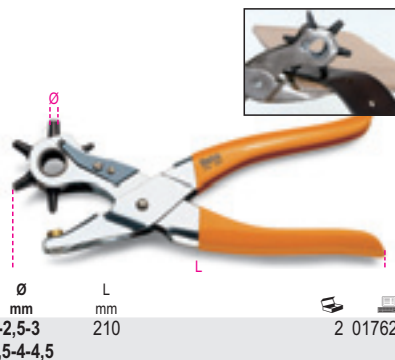
reversible locking wire pliers



1761RS/1 220 1 017610030

## 1762

revolving punch pliers



210 2 017620001

## 1765/C24

cases with 24 tools  
for pulling out car radios



1765/C24 1 017650001

## 1766

double suction lifter



1369A/8 50 2 017660001

## 1766A

single suction cup



max 30 kg 2 017660005

## 1766/8

assortment of 8 tools  
for car glass windows



1766/8 1 017660100

## 1766L

lever for glass windows



1766L 1 017660015

## 1766I

handle for steel cable item 1766G



1766I 2 017660020

### 1766G

steel cable for glass windows



50 m

1 017660025

### 1767PMC

magnetic tool holder, round



∅  
150 mm



1767PMC

1 017670020

### 1767PMR

magnetic tool holder, rectangular



365 mm  
165 mm



1767PMR

1 017670010

### 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 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 mm 170  
A mm 18

10 017710050

### 1771RL

18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM



1771RL

5 017710010

### 1772B

utility knife with retractable blade, spare blade



1772B  
L mm 165  
A mm 18

10 017720005

### 1772H

safety utility knife with retractable blade, supplied with 2 blades



1772H  
L mm 170  
A mm 18

5 017720029

### 1772RL/2

10 long trapezoidal spare blades, in box, for utility knives, 1772B, 1772Y, 1772H, 1774, 1777T



1772RL/2

5 017720017

### 1773A

utility knife, 25 mm



1773A

L mm 180  
A mm 25  
10 017730000

### 1773RL

25 mm blades (10 pieces) for utility knife 1773



1773RL

5 017730015

### 1774

multi-function scraper with blade guard



1774  
L mm 165  
L1 mm 60

5 017740001

### 1774A

multifunction scraper, bi-material handle

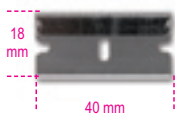


1774A  
L mm 300  
L1 mm 40

1 017740011

### 1774A/RL

10 blades for multifunction scraper item 1774A



1774A/RL 1 017740511

### 1777BM

foldaway knife with wire stripping notch, stainless steel blade



1777BM 190 80 16 5 017770100

### 1777T

foldaway knife with trapezoidal stainless steel blade, 5 spare blades



1777T 160 19 65 5 017770030

### 1778

foldaway knife aluminium handle



1778 195 24 80 5 017780045

### 1778C

foldaway knife, stainless steel blade, handle with wooden insets



1778C 180 22 78 5 017780020

### 1778D

foldaway knife stainless steel blade and handle



1778D 180 22 78 5 017780060

### 1778SAFE

foldaway knife hardened steel blade with window breaking hammer, seat belt cutter and knot untying features



1778SAFE 210 25 85 5 017780090

### 1778SOS

car service knife with window breaking hammer and belt cutter features



1778SOS 205 25 85 5 017780080

### 1778X

knives for nautical maintenance, stainless steel blades, aluminium handles



1778X 185 85 25 2 017780050

### 1779

self-locking round end knurled tool made from stainless steel



1779 160 5 017790001

### 1781

slim, long blade scissors



1781 132 2 017810001

### 1783

light duty scissors



1783 215 240 5 017830021 5 017830024

### 1784

heavy duty scissors



1784 175 200 250 300 2 017840017 2 017840020 2 017840025 2 017840030

### 1800/100

lifting airbags (max. lifting force: 100 kg)

- lifting/levelling
- locking doors



1800/100 160 150 2+55 3 018000000



**1808**

dual rating soldering iron with steel tips  
1824R8



W	V	
20/130	230	1 018080001

**1812**

instant heat soldering iron



W	V	
100	230	1 018120001

**1812E**

instant heat soldering iron



W	V	
150	230	1 018120100

**1814M**

soldering irons  
with steel tips



W	V	
25	230	1 018140225
30	230	1 018140230
40	230	1 018140240

**1820/30 - 50 - 80**

soldering irons with copper tip 1824R20



1820/30	30W	L = 255 mm	1 018200030
1820/50	50W	L = 265 mm	1 018200050
1820/80	80W	L = 280 mm	1 018200080

**1822A/...**

high performance soldering irons  
with tip 1824R22A



1822A/1	100W	LxA = 250x130 mm	1 018220410
1822A/2	180W	LxA = 260x145 mm	1 018220420
1822A/3	280W	LxA = 270x165 mm	1 018220430

**1823**

digital soldering station  
supplied with soldering iron

- Temperature range: 150 °C + 400 °C with ±1% accuracy.
- Memory mode designed to save the temperature selected when switching off the station.
- Selected temperature blocking mode with keyboard disabled through password protection.
- Selection of one of four stored temperatures (250°C-300°C-350°C-400°C).



1823	W	V	
	60	230	1 018230000

**1823RS**

spare soldering iron  
for item 1823



1823RS	1 018230030
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**1824R**

spare tips for soldering irons



1824R08	1808	1 018240100
1824R12/A	1812	1 018240003
1824R12/B	1812	1 018240005
1824R12/C	1812	1 018240007
1824R12	1812E	1 018240120
1824R14-M25	1814M/25	1 018240152
1824R14-M30	1814M/30	1 018240153
1824	1824	1 018240154
1814M/40		

1824R20/3	1820/30	1 018240019
1824R20/5	1820/50	1 018240021
1824R20/8	1820/80	1 018240023
1824R22A/1	1822A/1	1 018240041
1824R22A/2	1822A/2	1 018240042
1824R22A/3	1822A/3	1 018240043
1824R-ST	1823R-ST	1 018240233

**1825ST250**

soldering tin wire with antioxidant

- 1 mm<sup>2</sup> wire
- Sn 99% Ag 0.3% Cu 0.7%



Ø	g	
1	250	1 018250250

**1827**

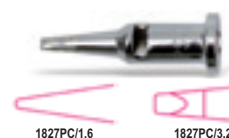
gas soldering iron, adjustable



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
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### 1827/K

gas soldering iron with 7 accessories in case with soft polyethylene foam base



CE

- 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

### 1830T

dissoldering pipe with antistatic plastic (PTFE) nozzle



L  
mm  
190



5 018300021

### 1834S

high-brightness LED torch, made from sturdy anodized aluminium, up to 90 lumens

- 2xAA batteries not included



L  
mm  
150



1 018340010

### 1834M

high-brightness LED torch, made from sturdy anodized aluminium, up to 190 lumens

- 3xAAA batteries not included



L  
mm  
140



1 018340020

### 1834L

high-brightness LED torch, made from sturdy anodized aluminium, up to 450 lumens

- 3xAA batteries not included



L  
mm  
210



1834L 1 018340025

### 1834XL

high-brightness LED torch, made from sturdy anodized aluminium, up to 650 lumens

- 3xD batteries not included



L  
mm  
315



1834XL 1 018340030

### 1835/1

high-brightness LED inspection torch, made from sturdy anodized aluminium

- 1xAAA battery not included



L  
mm  
105



1835/1 3 018350030

### 1835/2

high-brightness LED inspection torch, made from sturdy anodized aluminium

- 2xAAA batteries not included



L  
mm  
145



1835/2 3 018350060

### 1837

magnetic, articulated lamp with high-illuminated LEDs, matt aluminium body



L  
mm  
450



1 018370001

### 1838/10LED

rechargeable LED inspection lamp

lithium polymer battery



CE

- Oil and grease resistant
- Hangable, with antislip, shockproof rubber body
- Lithium polymer battery: lightweight, lifetime 8 hours
- 10 ultra-high brightness LEDs
- No memory effect



1838/10LED 1 018380000

### 1838RV/10LED

spare scratch-proof front for item 1838/10LED



1838RV/10LED 2 018380900



### 1838G

under bonnet fluorescent inspection lamp

- 8-m-long oil-proof cable
- 30 W fluorescent tube



IP64

114+180 cm

1838G 1 018380200

### 1838SL

ultra-thin inspection lamp with ultra-high brightness LEDs. For jobs in small areas

- Power supply: 12 V, with lighter socket and battery terminals
- 2.5-m-long cable



S

mm

1838SL 6 1 018380101

### 1840BM

230V inspection lamp, base type: E27

- Bulb not included



IP20

	V	W	L mm	
1840BM	230	60	420	1 018400101

### 1840WBM

230V inspection lamp, base type: E27

- Bulb not included



IP65

	V	W	L mm	
1840WBM	230	60	360	1 018400120

### 1841BM

230V inspection lamp with fluorescent bulb



IP55

	V	W	L mm	
1841BM	230	11	470	1 018410101

### 1841ABM

24V inspection lamp with fluorescent bulb



IP55

	V	W	L mm	
1841ABM	24	11	470	1 018410110

### 1842BM

LED inspection lamp, 110÷230V



IP55

	V	W	L mm	
1842BM	110÷230V		420	1 018420101

### 1842ABM

24V LED inspection lamp



IP55

	V	W	L mm	
1842ABM	24V		360	1 018420111

### 1843BM

automatic cable reel with 230 Vac inspection lamp, base type E27 and steel protector

- Bulb not included



	V	W	L mm	
1843BM	230	60	420	1 018430101

### 1843R/BM

spare inspection lamp for cable reels, base type E27

- Bulb not included



IP20

	V	W	L mm	
1843 R/BM	230	60	420	1 018430131

### 1843WBM

automatic cable reel with 230 Vac inspection lamp, base type E27

- Bulb not included



	V	W	L mm	
1843WBM	230	60	420	1 018430120

### 1843R/WBM

spare inspection lamp for cable reels, base type E27

- Bulb not included



IP65

	V	W	L mm	
1843 R/WBM	230	60	420	1 018430132



### 1844BM

automatic cable reel  
with 230 Vac fluorescent inspection lamp

- With 230/24V safety transformer
- 11W bulb included

CE



IP42  
IP55

L=15 m

1 018440104

1844BM

### 1844ABM

automatic cable reel  
with 24 Vac fluorescent inspection lamp

- 11W bulb included

CE



IP42  
IP55

L=15 m

1 018440102

1844ABM

### 1844R/BM

spare inspection lamp for cable reels, with  
fluorescent bulb



IP55

1 018440131

1844 R/BM

### 1846BM

automatic cable reel  
with 230 Vac LED inspection lamp

- With 230/24V safety transformer

CE



IP42  
IP55

L=15 m

1 018460101

1846BM

### 1846ABM

automatic cable reel  
with 24 Vac LED inspection lamp

CE



IP42  
IP55

L=15 m

1 018460111

1846ABM

### 1846R/BM

spare LED lamp for cable reels



IP55

1 018460131

1846 R/BM

### 1847

combination voltage  
and continuity tester



CE

L=1 m

#### TECHNICAL DATA

Voltage range 6÷400 V AC/DC  
 Frequency range 0÷100 Hz; AC indication with  $f > 2$ Hz  
 Peak voltage resistance 4 kV  
 Input resistance 300 k $\Omega$   
 Input current  $I_s < 2.5$  mA at 400 V  
 Continuity test  $< 500$  k $\Omega$   
 batteries included

1 018470001

1847 227

### 1847K

non-contact detector of AC voltage  
with LED mini-torch



CE

testing range: 200÷1000 V AC  
 50/60 Hz

1 018470101

1847K 180

### 1850B

heat gun

- Pos. 1 240 l/min. 300° C
- Pos. 2 450 l/min. 500° C
- can be used with gun placed vertically on worktop

CE



1600W  
300÷500 C°

230V  
Schuko L=2,4 m

1 018500011

### 1850C

heat gun

- Pos. I 150-250 l/min 50°C
- Pos. II 150-500 l/min 50-650°C

- digital display
- buttons designed to adjust temperature and flow capacity
- can be used with gun placed vertically on a worktop
- 4 preset programmes and possibility to customize other programmes

- Prog 1 250°C ca. 350 l/min
- Prog 2 350°C ca. 400 l/min
- Prog 3 450°C ca. 500 l/min
- Prog 4 550°C ca. 400 l/min

CE



2000W  
50÷650 C°

L=2,4 m

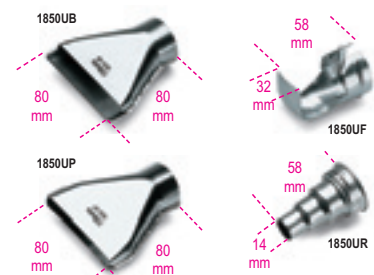
230V  
Schuko

1 018500015

1850C 255 210

### 1850U...

nozzles for items 1850B and 1850C



Item	Accessories	Quantity	Part Number
1850UB	B-C	1	018500100
1850UF	B-C	1	018500101
1850UP	B-C	1	018500102
1850UR	C	1	018500103

### 1851VK

hot glue gun with 12 thermofusible glue sticks in case

CE



1851VK 1 018510058

320x250x50 mm

### 1860K/140A

inverter welding machine, suitable for motor generators, compact and easy to carry. Complete with cables, hammer brush, mask and shoulder strap.



CE

Adjustment current: 5-130A

Power supply: 1x230V

Absorbed power: MAX 3.0 KVA

Use factor: 35% - 130 A

60% - 80 A

100% - 70 A

Delayed fuse: 20 A

Protection: IP23

Use with generators:

Operating temperature: -15/+40° C (+5/+104° F)

Usable electrodes: Ø 1.5 - 3.25mm

1860K/140A 1 018600014

### 1860K/160A

inverter welding machine, suitable for motor generators, compact and easy to carry. Complete with cables, hammer brush, mask and shoulder strap.



CE

Adjustment current: 5-155A

Power supply: 1x230V

Absorbed power: MAX 3.7 KVA

Use factor: 35% - 150 A

60% - 130 A

100% - 100 A

Delayed fuse: 20 A

Protection: IP21

Use with generators:

Operating temperature: -15/+40° C (+5/+104° F)

Usable electrodes: Ø 1.5 - 4mm

1860K/160A 1 018600016

### 1860R/C

cables and clamps for inverter 1860K

1860R/C 1 018600501

### 1879

9.5 l manual/pneumatic operation fluid extractor



1879 1 018790001

### 1880

manual barrel pump



1880 gr 240 1 018800001

### 1881

pneumatic barrel pump, ratio 3:1

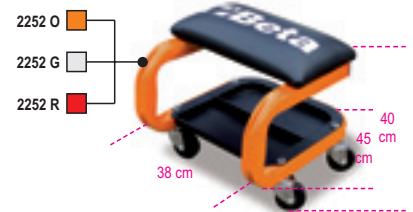


1881 l/min 14 1 018810001



### 2252

seat with castors



2252 O 1 022520001  
2252 G 1 022520002  
2252 R 1 022520003

### 2252KR4

spare seat castors



2252KR4 1 022520900

### 3000M/LT

creeper

• PVC lining with upholstered foamed rubber designed for remarkable comfort

ADJUSTABLE HEAD-REST BY PROGRESSIVE AIR SPRING



3000M/LT 1 030000220

7,3 kg

### 3000M/RLS

spare creeper castors



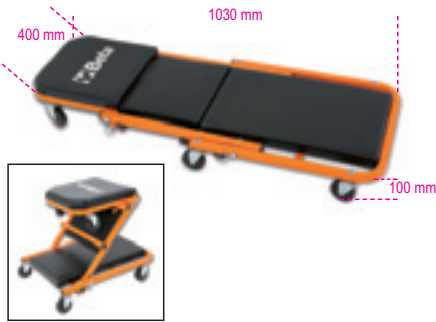
3000M/RLS 1 030000206



### 3002

creeper and seat

- Steel frame
- PVC lining with upholstery
- Easily convertible into a creeper or a seat



1 030020001

3002

### 3003

creeper  
made of shockproof plastic

- Wheel Ø: 76 mm

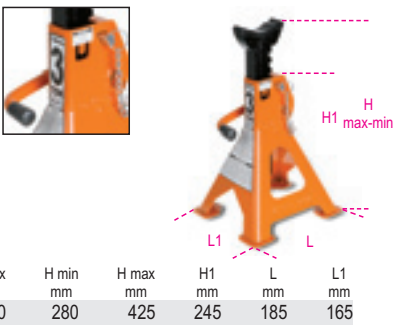


1 030030001

3003

### 3010/T...

jack stands, pair



1 030100002

3010/T2

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
2000	280	425	245	185	165

1 030100003

3010/T3

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
6000	400	580	340	245	280

1 030100006

3010/T6

C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm
10000	471	735	420	330	290

1 030100010

3010/T10

### 3011/T

hydraulic bottle jacks



C max kg	H min mm	H max mm	L mm
3500	170	366	86

1 030110035

3011/T3,5

C max kg	H min mm	H max mm	L mm
5000	203	467	118

1 030110050

3011/T5

C max kg	H min mm	H max mm	L mm
10000	220	484	114

1 030110100

3011/T10

C max kg	H min mm	H max mm	L mm
15000	230	497	113

1 030110150

3011/T15

C max kg	H min mm	H max mm	L mm
20.000	406	521	115

1 030110200

3011/T20

### 3012

engine bracket



L mm	C max kg	1 030120010	1 030120018
1500	500	1 030120010	1 030120018
1800	400	1 030120018	

### 3014

engine stand



1 030140010

3014

### 3030/2T

lowered hydraulic car jack 2T  
with 6 wheels

- dual front tilting wheels made of plastic (PTFE)
- car jack can be easily handled on uneven, irregular floors
- maximum capacity: 2 tons



1 030300020

3030

43 kg

### 3030/2TRP

spare 85-mm rubber plate  
for item 3030/2T



5 030300501

3030/2TRP

**Beta**



### 3040

rear motorcycle stand  
adjustable

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3040 1 030400001

### 3040A/1

V-shaped sliders, pair  
for item 3040



3040A/1 1 030400501

### 3040A/2

L-shaped sliders, pair, made of rubber  
for item 3040



3040A/2 1 030400502

### 3040A/6-8-10

pawls, pair, made of aluminium  
for item 3040A/1



3040A/6 1 030400506

M6x1 mm  
Aprilia, Yamaha, Triumph

3040A/8 1 030400508

M8x1.25 mm  
Suzuki, Honda, Ducati

3040A/10 1 030400510

M10x1.25 mm  
Kawasaki

### 3041

front motorcycle stand  
adjustable

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3041 1 030410001

### 3041A/11

roller sliders, pair  
for item 3041



3041 A/11 1 030410511

### 3041A/15

cone-shaped sliders, pair  
for item 3041



3041 A/15 1 030410515

### 3042

front stand  
for motorcycle steering pin

- Matt black lacquer
- 4 thermoplastic rubber wheels
- Includes a 6-pin kit



3042 1 030420001

### 3043

motorcycle stand  
with left single arm

- Matt black lacquer
- Polyamide slider holder
- 4 thermoplastic rubber wheels



3043 1 030430001

### 3043A/41+47

pin  
for item 3043



3043A/41 1 030430541

Ducati

3043A/42 1 030430542

Triumph

3043A/43 1 030430543

MV

3043A/44 1 030430544

Ducati 1098

3043A/45 1 030430545

Honda

3043A/46 1 030430546

BMW F800S

3043A/47 1 030430547

BMW K,R,S

 **Beta**

# Beta



## 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.

## 52MQ

single open end wrenches



EN 60900

mm	L mm		
10	110	1	000520110
11	120	1	000520111
12	132	1	000520112
13	140	1	000520113
14	146	1	000520114
15	166	1	000520115
17	168	1	000520117
19	176	1	000520119
22	200	1	000520122
24	225	1	000520124

## 89MQ

single ring wrenches



EN 60900

mm	L mm		
10	170	1	000890110
11	180	1	000890111
12	190	1	000890112
13	195	1	000890113
14	200	1	000890114
15	210	1	000890115
17	218	1	000890117
19	240	1	000890119
22	255	1	000890122
24	280	1	000890124

## 110MQ

adjustable wrench with scale



EN 60900

L mm	A max		
250	30	1	001100525

## 606MQ/50

click-type torque wrench with reversible ratchet



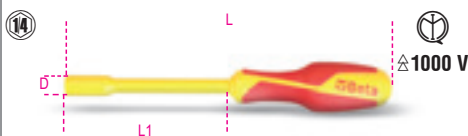
EN 60900  
UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50	1	006060705
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## 850MQ

magnetic bit holder, insulated, with bimaterial handle



IMQ CSV

L mm	L1 mm	D mm		
233	125	12.5	1	008500910

## 920MQ/A

hexagon sockets



EN 60900

mm	Ø mm	L mm	Ø1 mm		
8	21,5	57	27,5	1	009200238
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
17	30,0	57	27,5	1	009200247
19	32,2	57	27,5	1	009200249
22	36,0	57	27,5	1	009200252
24	39,0	57	27,5	1	009200254

## 920MQ/PE

socket drivers for hexagon screws



EN 60900

Ø mm	L mm	L1 mm		
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

## 920MQ/21

1/2" square drive extension bar



EN 60900

L mm	Ø mm		
135	28	1	009200804

## 920MQ/22

1/2" square drive extension bar



EN 60900

L mm	Ø mm		
264	30	1	009200805

## 920MQ/T

1/2" square drive, T-handle



EN 60900

L mm	L1 mm		
200	163	1	009200807

## 920MQ/55A

1/2" square drive reversible ratchet with socket locking system



EN 60900

L mm	D mm	A 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
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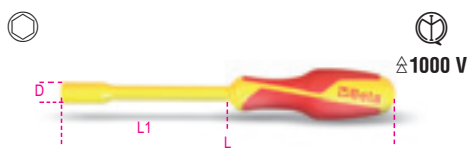
920MQ/A	8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
920MQ/21	135 mm
920MQ/22	264 mm
920MQ/55A	
920MQ/T	
920MQ/PE	5 - 6 - 8 mm

420x280x60 mm



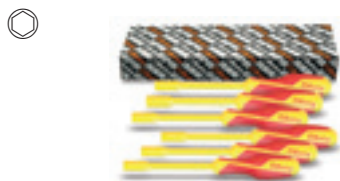
### 943MQ

hexagon nut spinners with handles



EN 60900

mm	L mm	L1 mm	D mm	1	009430235
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

mm	L mm	L1 mm	1	009510704
4	165	105	1	009510704
5	170	105	1	009510705
6	168	105	1	009510706
8	165	105	1	009510708

### 993MQ

bent knurled point spring tweezers



EN 60900

L mm	1	009930040
147	1	009930040

### 994MQ

straight knurled point spring tweezers



EN 60900

L mm	1	009940040
145	1	009940040

### 1010MQ

long round nose pliers



EN 60900

L mm	L1 mm	1	010100096
160	51,5	1	010100096

### 1082MQ

diagonal cutting nippers



EN 60900

L mm	L1 mm	mm	1	010820094
140	20	1,6	1	010820094
160	22	1,6	1	010820096

### 1084MQ

heavy duty diagonal cutting nippers



EN 60900

L mm	L1 mm	mm	1	010840100
200	26	2,0	1	010840100

### 1088MQ

end cutting nippers



EN 60900

L mm	L1 mm	mm	1	010880096
160	7	1,6	1	010880096

### 1132MQ

cable cutter with insulated handles for copper and aluminium cables



EN 60900

L mm	mm	1	011320193
230	17	1	011320193

### 1142MQ

wire stripping pliers



EN 60900

L mm	mm²	1	011420096
160	0,5+6	1	011420096

### 1150MQ

combination pliers, bright chrome-plated



EN 60900

L mm	L1 mm	mm	1	011500096
160	37	1,6	1	011500096
180	39	1,8	1	011500098
200	43	2,0	1	011500100
220	46	2,0	1	011500102

### 1162MQ

extra long flat nose pliers



EN 60900

L mm	L1 mm	mm	1	011620096
160	56	1,6	1	011620096
200	76	1,6	1	011620100

### 1164MQ

extra-long bent flat nose pliers



EN 60900

L mm	L1 mm	mm	1	011640096
160	54	1,6	1	011640096
200	76	1,6	1	011640100

### 1166MQ

extra long needle nose pliers



EN 60900

L mm	L1 mm	mm	1	011660096
160	56	1,6	1	011660096
200	76	1,6	1	011660100

### 1168MQ

extra long bent needle nose pliers

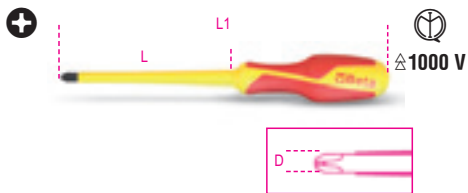


EN 60900

L mm	L1 mm	⚡ mm	🔧	📄
160	50	1,6	1	011680096
200	70	1,6	1	011680100

### 1272MQ

screwdrivers for cross head Phillips® screws



EN 60900

PHxDxL mm	L1 mm	🔧	📄
0x3x60	160	3	012720703
1x4,5x80	187	3	012720709
2x6x100	218	3	012720718
3x8x150	276	2	012720724
4x10x200	326	2	012720727



1272MQ/S5

PH0x3x60-PH1x4,5x80  
PH2x6x100-PH3x8x150  
PH4x10x200 mm

🔧 📄  
1 012720751

### 1273MQ/D6

set of 6 screwdrivers



🔧 📄  
1 012730851

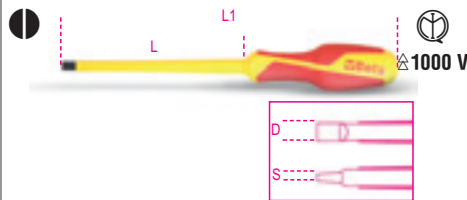
1273MQ/D6

1274MQ 0,5x3x100 -0,8x4x100  
1,0x5,5x125 mm  
1272MQ PH0x3x60 -PH1x4,5x80  
PH2x6x100 mm

🔧 📄  
1 012730851

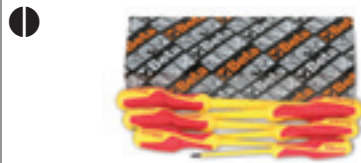
### 1274MQ

screwdrivers for headless slotted screws



EN 60900

SxDxL mm	L1 mm	🔧	📄
0,4x2,5x75	175	3	012740700
0,5x3x100	200	3	012740703
0,8x4x100	207	3	012740706
1x5,5x125	232	3	012740709
1,2x6,5x150	268	3	012740712
1,2x8x175	301	2	012740715
1,6x10x200	326	2	012740718



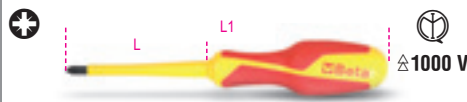
🔧 📄  
1 012740751

1274MQ/S6

0,5x3x100-0,8x4x100  
1x5,5x125-1,2x6,5x150  
1,2x8x175-1,6x10x200 mm

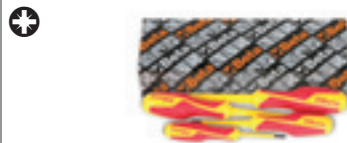
### 1279MQ

screwdrivers for cross head Pozidriv®-Supadriv® screws



EN 60900

PZ	L mm	L1 mm	🔧	📄
0	60	160	3	012790703
1	80	187	3	012790709
2	100	218	3	012790718
3	150	276	2	012790724



🔧 📄  
1 012790751

1279MQ/S4

PZ 0-1-2-3

### 1725MQ

mini-hacksaw frame



	L mm	H mm	🔧	📄
1725MQ	260	85	1	017250030

### 1777MQ/C

cable stripping knife, insulated

• for multicore cables



	L mm	🔧	📄
1777MQ/C	190	1	017770026

### 1777MQ/U

cable stripping knife, insulated



	L mm	🔧	📄
1777MQ/U	190	1	017770011

### 1777RL/U

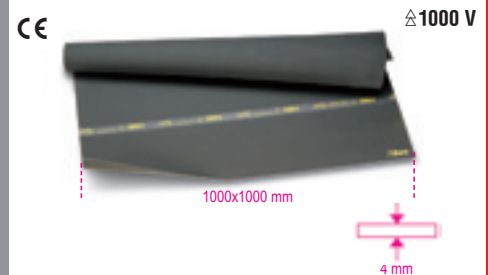
4 spare blades for utility knife 1777MQ/U



	🔧	📄
1777RL/U	1	017770021

### 1995MQ/T

insulating mat



VDE 0303

	LxSxH mm	🔧	📄
1995MQ/T	1000x1000x4	1	019950030

### 1995MQ/G1 - G2

insulating gloves in latex



EN 60903

	Gr.	L mm	🔧	📄
1995MQ/G1	9	410	1	019950010
1995MQ/G2	10	410	1	019950013




# SPARK-PROOF TOOLS

COPPER-BERILLIUM  
CU-BE



**WARNING!**  
Risk of explosion  
in ACETYLENE  
environment



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.

<b>Composition</b>	Be	1,8 ÷ 2,3 %
	Co+Ni	Min. 0,2 %
	Co+Ni+Fe	Max. 1,2 %
	Cu	Compensating
<b>Hardness</b>	310 ÷ 360 Brinell	
<b>Tensile strength</b>	1050 ÷ 1200 N/mm <sup>2</sup>	
<b>Yield point</b>	840 ÷ 880 N/mm <sup>2</sup>	



### 30BA

sparkproof drift punches



Ø mm	L mm		
5	150	1	000300806
8	150	1	000300808
10	150	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

### 34BA

sparkproof flat chisels



L mm	A mm		
200	22	1	000340801
300	24	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



Ø 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

Ø mm	L mm		
15x15	175	1	000420815
16x16	195	1	000420816
17x17	200	1	000420817
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
27x27	290	1	000420827
30x30	313	1	000420830
32x32	333	1	000420832
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



Ø "	L mm		
3/8x3/8	128	1	000420950
7/16x7/16	135	1	000420951
1/2x1/2	140	1	000420953
9/16x9/16	163	1	000420954
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
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

### 55BA

sparkproof double open end wrenches



Ø mm	L mm		
6x7	90	1	000550801
8x9	100	1	000550802
10x11	120	1	000550803
12x13	130	1	000550804
14x15	145	1	000550805
16x17	165	1	000550807
18x19	170	1	000550809
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



Ø "	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



Ø 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
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

### 78BA

sparkproof bi-hex ring slogging wrenches



Ø 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
60	275	1	000780860
65	295	1	000780865
70	310	1	000780870
75	325	1	000780875
80	340	1	000780880

## 78BA/AS

sparkproof bi-hex ring slogging wrenches



⌀ "	L mm		
1.1/4	177	1	000780910
1.7/16	208	1	000780912
1.5/8	225	1	000780914
1.13/16	243	1	000780916
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		
10x11	155	1	000900803
12x13	175	1	000900806
14x17	220	1	000900809
16x18	235	1	000900812
18x19	265	1	000900815
20x22	295	1	000900818
22x24	315	1	000900821
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
★36x41	450	1	000900828
★41x46	470	1	000900829
★46x50	490	1	000900830

## 93BA

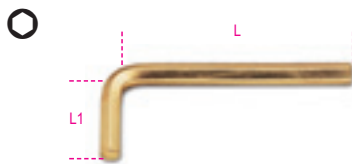
ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



⌀ mm	L mm		
21x22	345	1	000930821

## 96BA

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
2	50	16	1	000960762
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
12	122	44	1	000960772

## 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

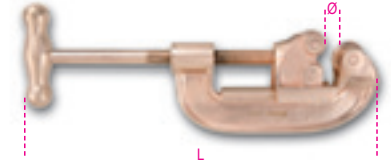
sparkproof adjustable wrenches



L mm	A max		
150	18	1	001100815
200	24	1	001100820
250	32	1	001100825
300	39	1	001100830
375	48	1	001100837
★450	55	1	001100845

## 330BA

sparkproof pipe cutters for gas pipes



	Ø mm	L mm		
330BA/2	50 mm 2"	375	1	003300802

## 363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max	Ø max mm		
250	1" gas	34	1	003630825
300	1 1/2" gas	49	1	003630830
350	2" gas	60	1	003630835
450	2 1/2" gas	76	1	003630845
600	3" gas	90	1	003630860

## 378BA

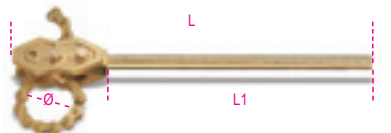
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max		
530	2"	1	003780801

## 386BA

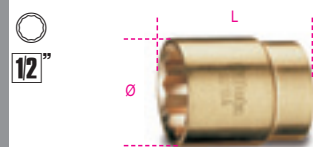
sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	L1 mm		
600	100	470	1	003860806
900	200	750	1	003860809

## 921BA

sparkproof bi-hex sockets



⌀ mm	Ø mm	L mm		
10	16,5	40	1	009210810
11	17,5	40	1	009210811
12	18,5	40	1	009210812

mm	Ø mm	L mm		
13	19,5	40	1	009210813
14	20,0	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/21 - 921BA/22

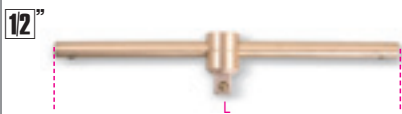
sparkproof 1/2" wobble extension bars



	L mm	Ø mm		
921BA/21	125	30	1	009210842
921BA/22	250	31	1	009210844

### 921BA/42

sparkproof 1/2" drive sliding T handle



L mm		
250	1	009210846

### 921BA/50

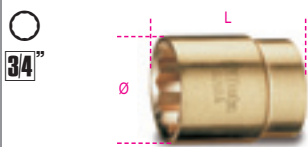
sparkproof 1/2" drive push-through square ratchet



L mm	D mm	A mm		
250	45	16,5	1	009210850

### 926BA

sparkproof bi-hex hand sockets



mm	Ø mm	L mm		
24	40	55	1	009260824
26	40	55	1	009260826
27	40	55	1	009260827

mm	Ø mm	L mm		
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/22

sparkproof 3/4" drive extension bars



926BA/22	L mm	Ø mm		
	200	38	1	009260872

### 926BA/50

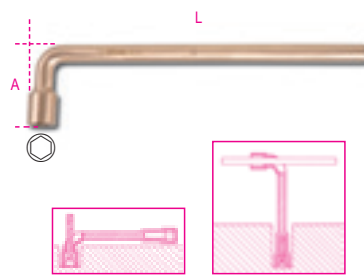
sparkproof 3/4" push-through drive ratchet



L mm	D mm	A mm		
300	61	22	1	009260880

### 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

### 961BA

sparkproof scrapers



L mm	A mm		
250	39	1	009610802
350	55	1	009610806

### 963BA

sparkproof pry bar 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

### 965BA

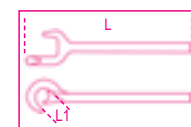
safety valve wrenches, sparkproof



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

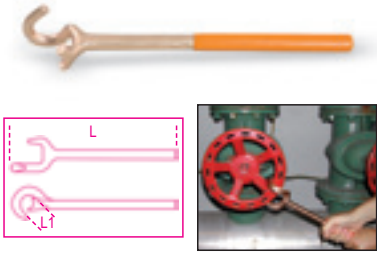


L mm	L1 mm		
350	40	1	009660801



### 966BA/V

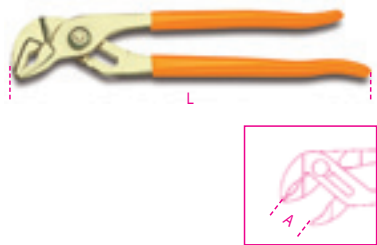
sparkproof safety valve wrench



L mm	L1 mm		
370	36	1	009660812
430	48	1	009660814

### 1046BA

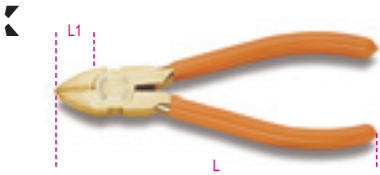
sparkproof slip joint pliers



L mm	A max mm		
250	32	1	010460801

### 1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm		
160	22	1	010820801

### 1137BA

blasting pliers



L mm			
185		1	011370801

### 1137BA/RC

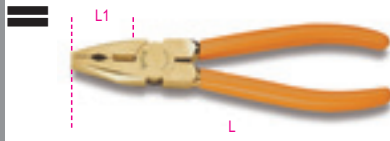
spare blade for item 1137BA



1137BA/RC		1	011370851

### 1150BA

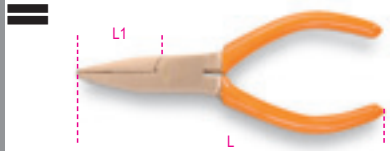
sparkproof combination pliers



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
10x250	382	1	012700810
8x200	312	1	012700808

### 1272BA

sparkproof screwdrivers for cross head Phillips® screws



PHxDxL mm	L1 mm		
1x5x100	209	1	012720801
2x6x150	270	1	012720802
3x8x200	332	1	012720803

### 1370BA

sparkproof engineer's hammers, wooden shafts



g	L1 mm	L mm		
500	108	310	1	013700805
1000	137	340	1	013700810

### 1370BA/MR

spare shafts for item 1370BA

1370BA/MR500		1	013700865
1370BA/500			
1370BA/MR1000		1	013700870
1370BA/1000			

### 1377BA

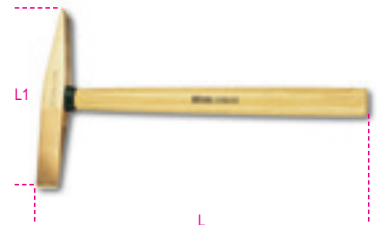
sparkproof ball pein hammers, round heads, for coppersmiths and tinsmiths



g	L1 mm	L mm		
340	90	280	1	013770834

### 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		
1500	118	397	1	013800815
2000	126	449	1	013800820

### 1380BA/MR

spare shafts for item 1380BA

1380BA/MR1500	1	013800865
1380BA/1500		
1380BA/MR2000	1	013800870
1380BA/2000		

### 1381BA

sparkproof sledge hammer, wooden shaft



g	L1 mm	L mm		
5000	179	900	1	013810850
*8000	190	900	1	013810858

### 1381BA/MR

spare shaft for item 1381BA

1381BA/MR5000	1	013810870
1381BA/5000		
*1381BA/MR8000	1	013810878
1381BA/8000		

### 1390BA

spark-proof soft face hammer



∅ mm	L mm	L1 mm		
*52	370	130	1	013900805

### 1701BA

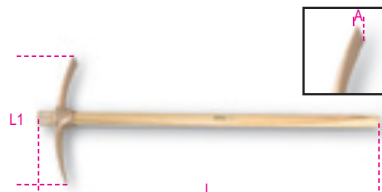
sparkproof hexagon chisel



L mm	A mm	S mm		
150	12	10	1	017010810
200	16	14	1	017010814
300	19	17	1	017010817

### 1703BA/P

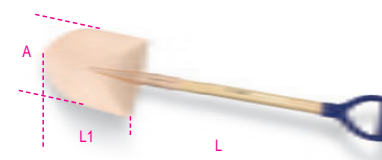
sparkproof pick



A mm	L mm	L1 mm		
56	410	1050	1	017030150

### 1703BA/PL

sparkproof shovel



A mm	L1 mm	L mm		
240	420	990	1	017030200

### 1717BA

sparkproof rigid spatulas



A mm			
60	1	017170801	
80	1	017170803	

### 1717BA/1

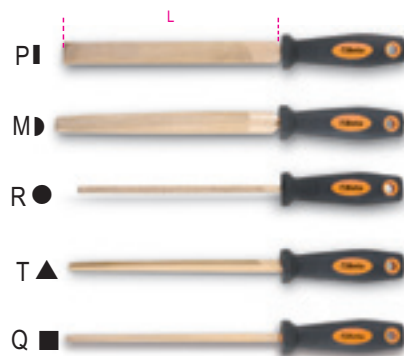
sparkproof wall scraper



A mm	L mm		
100	220	1	017170805

### 1719BA

sparkproof files, 8"



	L mm		
1719BA/P	200	1	017190801
1719BA/M	200	1	017190805
1719BA/R	200	1	017190810
1719BA/T	200	1	017190815
1719BA/Q	200	1	017190820

### 1727BA

sparkproof hacksaw and blade



L mm	L1 mm		
500	300	1	017270801

### 1728BA

spark-proof blades for hacksaw frames, made from copper-beryllium alloy



L mm			
300	1	017280801	

### 1737BA

brush with sparkproof wires



L mm	A mm		
294	29	1	017370801

### 1776BA

sparkproof knife



L1 mm	L mm		
145	250	1	017760801

### 1784BA

sparkproof scissors



L mm			
225	1	017840822	

## PNEUMATIC TOOLS AND ACCESSORIES

For over ten years Beta Utensili has been consolidating its expertise in the pneumatic tool industry, developing a comprehensive range of products for the automotive and industrial maintenance markets.

The range includes several accessories for air treatment with FRL units, 1/4" to 1/2", and tool supply with a wide choice of PU hoses and quick couplers.



**Beta**



### 1921B1

baby reversible air ratchet

1/4"

CE



130 mm

Free speed	350 rpm
Max. torque	24 Nm
Working pressure	6.2 bars
Mean air consumption	68 l/min
Internal hose size (Ø)	8 mm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm

■	g	☞	☞
1/4	450	1	019210001

### 1921M1

compact reversible air ratchet

1/4"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Working pressure	6.2 bars
Mean air consumption	96 l/min
Internal hose size (Ø)	8 mm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm

■	g	☞	☞
1/4	640	1	019210005

### 1921M2

compact reversible air ratchet

3/8"

CE



198 mm

Free speed	200 rpm
Max. torque	27 Nm
Working pressure	6.2 bars
Mean air consumption	96 l/min
Internal hose size (Ø)	8 mm
Bolt capacity	Cl 8.8 M7●11 mm
Bolt capacity	Cl 12.9 M6●10 mm

■	g	☞	☞
3/8	640	1	019210015

### 1921N3

reversible ratchet

1/2"

CE



258 mm

Free speed	150 rpm
Max. torque	68 Nm
Working pressure	6.2 bars
Mean air consumption	140 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M10●16 mm
Bolt capacity	Cl 12.9 M8●13 mm

■	kg	☞	☞
1/2	1,22	1	019210025

### 1921I

impact reversible ratchet

1/2"

CE



275 mm

Free speed	400 rpm
Max. torque	101 Nm
Working pressure	6.2 Bar
Mean air consumption	235 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M10●16 mm
Bolt capacity	Cl 12.9 M8●13 mm

■	kg	☞	☞
1/2	1,28	1	019210035

### 1924B

compact reversible impact wrench

• "Pin Clutch" impulse device

3/8"

CE



155 mm

198 mm

Ø 1/4" GAS

Free speed	10,000 rpm
Maximum torque	353 Nm
Working pressure	6.2 bar
Mean air consumption	80 l/min
Internal hose size (Ø)	8 mm
Bolt capacity	Cl 8.8 M16●24 mm
Bolt capacity	Cl 12.9 M14●21 mm

■	kg	☞	☞
3/8	1,5	1	019240021

### 1924CD

reversible impact wrench, made from composite material

• Double hammer impulse device

3/8"

CE



167 mm

167 mm

Ø 1/4" GAS

Free speed	10,000 rpm
Max. torque	410 Nm
Operating torque	250 Nm
Air inlet	1/4" GAS
Working pressure	6.2 bar
Mean air consumption	79 l/min
Internal hose Ø	8 mm
Bolt capacity	Cl 8.8 M16●24 mm
Bolt capacity	Cl 12.9 M14●21 mm

■	kg	☞	☞
3/8	1,25	1	019240007

# Beta

## 1927MCD

reversible impact wrench,  
made from composite material  
• Double hammer impulse device



Free speed	12,000 rpm
Max. torque	434 Nm
Working pressure	6.2 bars
Mean air consumption	79 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M20 ● 30 mm
Bolt capacity	Cl 12.9 M16 ● 24 mm

1/2	1,25	1	019270027
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## 1927A

reversible impact wrench  
• "Pin Clutch" impulse device



Free speed	7000 rpm
Max. torque	610 Nm
Working pressure	6.2 bar
Mean air consumption	160 l/min
Ø internal hose size	10 mm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm

1/2	2,7	1	019270002
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## 1927DA

reversible impact wrench  
• Double hammer impulse device



Free speed	7,000 rpm
Max. torque	650 Nm
Working pressure	6.2 bars
Mean air consumption	155 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm

1/2	2,7	1	019270033
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## 1927CD

reversible impact wrench,  
made from composite material  
• Double hammer impulse device



Free speed	7,000 rpm
Max. torque	1020 Nm
Working pressure	6.2 bars
Mean air consumption	130 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm

1/2	1,9	1	019270007
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## 1927K4

assortment of one reversible impact wrench  
and four impact sockets, long series

• "Pin Clutch" impulse device



Free speed	7,000 rpm
Max. torque	610 Nm
Working pressure	6.2 bars
Mean air consumption	175 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	Cl 8.8 M22 ● 34 mm
Bolt capacity	Cl 12.9 M18 ● 27 mm
Weight	2,7 Kg

1/2	4,65	1	019270104
360x320x85 mm			



## 1928CD

reversible impact wrench,  
made from composite material

- Double hammer impulse device



Free speed	4,500 rpm
Max. torque	1,800 Nm
Operating torque	1,290 Nm
Air inlet	3/8" GAS
Working pressure	6.2 bar
Mean air consumption	215 l/min
Internal hose Ø	10 mm
Bolt capacity	CL 8.8 M27 ● 41 mm
Bolt capacity	CL 12.9 M22 ● 34 mm

■	kg	☞	☞
3/4	3,5	1	019280007

## 1928K4

assortment of one reversible impact wrench  
and four impact sockets, long series

- "Pin Clutch" impulse device



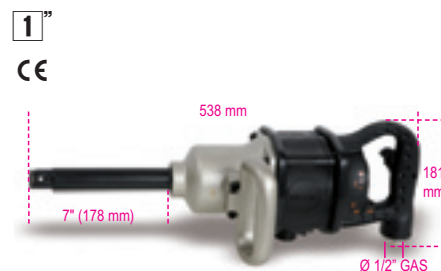
Free speed	4,500 rpm
Max. torque	1493 Nm
Working pressure	6.2 bars
Mean air consumption	260 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm
Weight	5,2 Kg

■	kg	☞	☞
3/4	9,3	1	019280104
☞	410x330x106 mm		

## 1930NCD

reversible impact wrench,  
made from composite material

- Double hammer impulse device



Free speed	4000 rpm
Max. torque	2445 Nm
Working pressure	6.2 bar
Mean air consumption	410 l/min
Internal hose Ø	13 mm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm

■	kg	☞	☞
1	8,75	1	019300027

## 1928DA

reversible impact wrench

- Double hammer impulse device



Free speed	5,000 rpm
Max. torque	1695 Nm
Working pressure	6.2 bars
Mean air consumption	240 l/min
Internal hose size (Ø)	10 mm
Bolt capacity	CI 8.8 M27 ● 41 mm
Bolt capacity	CI 12.9 M24 ● 36 mm

■	kg	☞	☞
3/4	4,3	1	019280022

## 1930CD

reversible impact wrench,  
made from composite material

- Double hammer impulse device



Free speed	4000 rpm
Max. torque	2445 Nm
Working pressure	6.2 bar
Mean air consumption	410 l/min
Internal hose Ø	13 mm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm

■	kg	☞	☞
1	7,1	1	019300022

## 1930PA

reversible impact wrench

- Double hammer impulse device



Free speed	3500 rpm
Max. torque	2445 Nm
Working pressure	6.2 bars
Mean air consumption	350 l/min
Ø internal hose size	13 mm
Bolt capacity	CI 8.8 M36 ● 55 mm
Bolt capacity	CI 12.9 M30 ● 46 mm

■	kg	☞	☞
1	9,6	1	019300032



## 1930LA

reversible impact wrench

- Double hammer impulse device

1

CE



Free speed	4,000 rpm
Max. torque	2445 Nm
Working pressure	6.2 Bar
Mean air consumption	460 l/min
Internal hose size (Ø)	13 mm
Bolt capacity	Cl 8.8 M36 ● 55 mm
Bolt capacity	Cl 12.9 M30 ● 46 mm

■	kg	1	019300037
1	10,6		

## 1930ZL

reversible impact wrench

- Double hammer impulse device

1 1/2

CE



Free speed	3,000 rpm
Maximum torque	4068 Nm
Working pressure	6.2 bar
Mean air consumption	480 l/min
Internal hose size (Ø)	13 mm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M36 ● 55 mm

■	kg	1 1/2	15	1	019300070
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## 1931CD10

reversible drill,  
made from composite material

Ø10

CE



Chuck capacity	1÷10 mm
Spindle thread	3/8" - 24UNF
Free speed	1,800 rpm
Power	0.38 kW
Working pressure	6.2 bars
Mean air consumption	170 l/min
Internal hose size (Ø)	10 mm

■	kg	1,01	1	019310010
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## 1930HLA

reversible impact wrench

- Double hammer impulse device

1

CE



Free speed	3,000 rpm
Maximum torque	3661 Nm
Working pressure	6.2 bar
Mean air consumption	460 l/min
Internal hose size (Ø)	13 mm
Bolt capacity	Cl 8.8 M42 ● 65 mm
Bolt capacity	Cl 12.9 M33 ● 50 mm

■	kg	1	16,4	1	019300040
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## 1931CD6

reversible drill,  
made from composite material

Ø6

CE



Chuck capacity	1÷6 mm
Spindle thread	3/8" - 24UNF
Free speed	2,600 rpm
Power	0.23 kW
Working pressure	6.2 bars
Mean air consumption	130 l/min
Internal hose size (Ø)	8 mm

■	g	590	1	019310006
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## 1931CD13

reversible drill,  
made from composite material

Ø13

CE



Chuck capacity	1÷13 mm
Spindle thread	1/2" - 20UNC
Free speed	800 rpm
Power	0.38 kW
Working pressure	6.2 bars
Mean air consumption	170 l/min
Internal hose size (Ø)	10 mm

■	kg	1,29	1	019310013
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## 1931AN10

reversible angle drill



Chuck capacity	1±10 mm
Spindle thread	3/8" - 24UNF
Free speed	1,400 rpm
Power	0.38 kW
Working pressure	6.2 bars
Mean air consumption	150 l/min
Internal hose size (Ø)	10 mm

kg 1,05

1 019310030

## 1932RS13

reversible drill



Chuck capacity	1.5±13 mm
Spindle thread	1/2" - 20UNC
Free speed	750 rpm
Power	0.55 kW
Working pressure	6.2 bars
Mean air consumption	160 l/min
Internal hose size (Ø)	10 mm

kg 1,4

1 019320043

## 1932B10

reversible drill



Chuck capacity	1±10 mm
Spindle thread	3/8" - 24UNF
Free speed	1,800 rpm
Power	0.44 kW
Working pressure	6.2 bars
Mean air consumption	160 l/min
Internal hose size (Ø)	10 mm

kg 1,15

1 019320040

## 1933

die grinder



Chuck capacity	3 - 6 mm
Free speed	25,000 rpm
Power	0.20 kW
Working pressure	6.2 bars
Mean air consumption	230 l/min
Internal hose size (Ø)	10 mm

g 380

1 019330001

## 1933I

die grinder



Chuck capacity	3 - 6 mm
Free speed	20,000 rpm
Power	0.38 kW
Working pressure	6.2 bars
Mean air consumption	220 l/min
Internal hose size (Ø)	10 mm

g 670

1 019330005

## 1933L

long spindle die grinder



Chuck capacity	3 - 6 mm
Free speed	25,000 rpm
Power	0.20 kW
Working pressure	6.2 bars
Mean air consumption	230 l/min
Internal hose size (Ø)	10 mm

g 670

1 019330015

## 1933IL

long spindle die grinder

• High power



Chuck capacity	3 - 6 mm
Free speed	20,000 rpm
Power	0.38 kW
Working pressure	6.2 bar
Mean air consumption	230 l/min
Internal hose size (Ø)	10 mm

g 1,4

1 019330010

### 1933AN90

angle grinder

CE



<b>Chuck capacity</b>	3 - 6 mm
<b>Free speed</b>	20,000 rpm
<b>Power</b>	0.20 kW
<b>Working pressure</b>	6.2 bars
<b>Mean air consumption</b>	230 l/min
<b>Internal hose size (Ø)</b>	10 mm

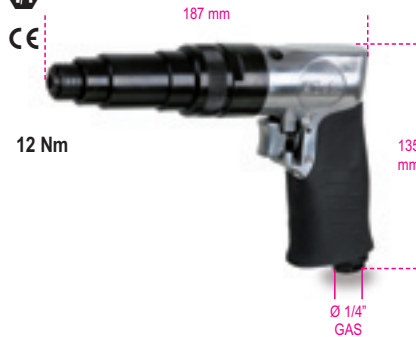
510 g 1 019330020

### 1935E

reversible air screwdriver

1/4

CE



<b>Free speed</b>	1,800 rpm
<b>Torque range</b>	12 Nm
<b>Working pressure</b>	6.2 bars
<b>Mean air consumption</b>	150 l/min
<b>Internal hose size (Ø)</b>	10 mm
<b>Screw capacity</b>	6-9 M
<b>Bit holder</b>	● 1/4"

1,15 kg 1 019350040

### 1936/5P

angle grinder, made from composite material

CE



<b>Grinding disc size</b>	125 mm
<b>Spindle thread</b>	M14
<b>Free speed</b>	10,000 rpm
<b>Power</b>	0.51 kW
<b>Working pressure</b>	6.2 bars
<b>Mean air consumption</b>	350 l/min
<b>Internal hose size (Ø)</b>	10 mm

1,78 kg 1 019360035

### 1934MAV

micro die grinder

CE



<b>Chuck capacity</b>	3 mm
<b>Free speed</b>	56,000 rpm
<b>Power</b>	0.04 kW
<b>Working pressure</b>	6.2 bar
<b>Mean air consumption</b>	113 l/min
<b>Internal hose size (Ø)</b>	4.5 mm

100 g 1 019340010

### 1935F

reversible air screwdriver

1/4

CE



<b>Free speed</b>	800 rpm
<b>Torque range</b>	16 Nm
<b>Working pressure</b>	6.2 bars
<b>Mean air consumption</b>	150 l/min
<b>Internal hose size (Ø)</b>	10 mm
<b>Screw capacity</b>	6-9 M
<b>Bit holder</b>	● 1/4"

1,3 kg 1 019350045

### 1936/5

angle grinder

CE



<b>Grinding disc size</b>	125 mm
<b>Spindle thread</b>	M14
<b>Free speed</b>	12000 rpm
<b>Power</b>	0,7 Kw
<b>Working pressure</b>	6,2 bars
<b>Mean air consumption</b>	380 l/min
<b>Ø internal hose size</b>	10 mm

1,98 kg 1 019360005



## 1936/7

angle grinder



Grinding disc size	178 mm
Spindle thread	M14
Free speed	7000 rpm
Power	1,4 Kw
Working pressure	6,2 bars
Mean air consumption	500 l/min
Ø internal hose size	13 mm

kg 3,4 1 019360007

## 1937

roto-orbital palm sander, lubrication free, made from composite material

• Orbit diameter: 5 mm



Pad size	150 mm
Orbit diameter	5 mm
Free speed	12,000 rpm
Spindle thread	5/16"-24
Working pressure	6.2 bar
Mean air consumption	170 l/min
Internal hose size (Ø)	10 mm

g 860 1 019370001

## 1937R/P

6-hole pad, Ø 150 mm, for item 1937



1937R/P 1 019370002

## 1937N20

pneumatic belt sander

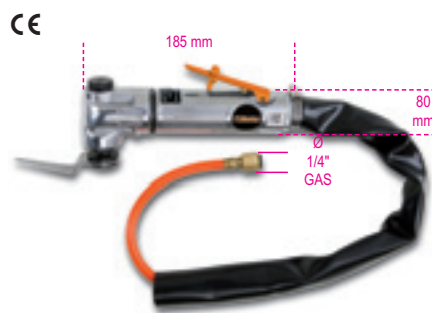


Belt size	20x520 mm
Free speed	16,000 rpm
Working pressure	6.2 bar
Mean air consumption	400 l/min
Internal hose size (Ø)	10 mm

kg 1,6 1 019370051

## 1938

windscreen remover

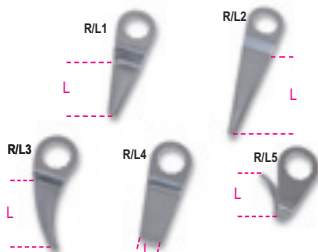


Oscillations/minute	20,000
Working pressure	6.2 bar
Mean air consumption	200 l/min
Internal hose size (Ø)	6.5 mm

kg 1 1 019380021

## 1938R/L

blades for windscreen removers



	L mm		
1938R/L1	57	1	019380041
1938R/L2	90	1	019380042
1938R/L3	50	1	019380043
1938R/L4	16	1	019380044
1938R/L5	36	1	019380045

## 1938R/S5

set of 5 blades for item 1938

1938R/S5 1 019380055

## 1940

air hammer



Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	67 mm
Strokes per minute	3500
Working pressure	6,2 bars
Mean air consumption	240 l/min
Ø internal hose size	8 mm

kg 1,92 1 019400001

## 1940MT

spare retainer spring for item 1940



1940MT 5 019400110

## 1940HD

air hammer



Chisel inlet	Ø 11 mm
Piston size	19 mm
Piston stroke	58 mm
Strokes per minute	3000
Working pressure	6,2 bars
Mean air consumption	280 l/min
Ø internal hose size	8 mm

kg 1,86 1 019400002

### 1940MT/HD

spare retainer spring for item 1940HD



1940MT/HD 5 019400111

### 1940S...

chisels for air hammers  
items 1940 and 1940HD



1940SN	5	019400020
1940ST	5	019400021
1940SD	5	019400022
1940SPS	5	019400023
1940SDT	5	019400024

### 1940/S5

set of 5 chisels for air hammers  
items 1940 and 1940HD

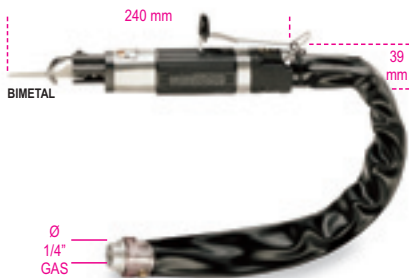


1940/S5 1 019400030

### 1942

air saw

CE



Strokes per minute	5000
Stroke length	10 mm
Working pressure	6,2 bars
Mean air consumption	200 l/min
Ø internal hose size	6 mm

1,05 kg 1 019420001

### 1942S

silenced air saw

CE



Strokes per minute	9000
Stroke length	10 mm
Working pressure	6,2 bars
Mean air consumption	210 l/min
Ø internal hose size	8 mm

700 g 1 019420002

### 1942LR

bimetal blades, 32 teeth  
for air saw item 1942 and 1942S



1942LR 5 019420032

### 1944

needle scaler

CE



Ø Needle size	3 mm
Stroke length	33 mm
Strokes per minute	3000
Working pressure	6,2 bars
Mean air consumption	140 l/min
Ø internal hose size	8 mm

2,63 kg 1 019440001

### 1944AR

set of 19 needles for needle scaler  
item 1944



1944AR 1 019440005

### 1944L

straight needle scaler

CE



Number of needles	28
Needle size, Ø	3 mm
Stroke length	33 mm
Strokes per minute	2800
Working pressure	6,2 bar
Mean air consumption	250 l/min
Internal hose size (Ø)	8 mm

5,4 kg 1 019440021

### 1944L/RA

Set of 28 needles  
for item 1944L



1944L/RA 1 019440025

### 1946

air riveter

• Supplied with interchangeable nozzles,

CE



Traction power	8000 N
Stroke length	14 mm
Working pressure	6,2 bars
Mean air consumption	1,2 l/cycles
Ø internal hose size	6 mm
Maximum rivet capacity	Ø aluminium 4,8 mm

1,51 kg 1 019460001

## 1946B

air riveter

• Supplied assembled for 4.8 – 5.6 – 6.4 mm long rivets and with interchangeable details for 2.4 – 3.2 – 4.0 mm long rivets



Traction power	12000 N
Stroke length	16 mm
Working pressure	6,2 Bar
Mean air consumption	1,6 l/cycles
Ø internal hose size	10 mm
Maximum rivet capacity	Ø steel 6,4 mm

kg	2,05	1	019460007
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## 1948

engraving pen



Working pressure	6,2 bars
Mean air consumption	50 l/min

g	150	1	019480001
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## 1948PR

spare carbide bit for item 1948



1948PR	1	019480005
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## 1949BC

progressive blow gun with rubber nozzle

- Durable, shockproof composite material body
- Replaceable scratchproof rubber nozzle
- Threaded aluminium insert: 1/4" GAS, female
- Operating pressure: 6-8 bar
- Maximum operating pressure: 15 bar
- Mean air consumption: 87 l/min
- Operating temperature: -20 °C ÷ 70 °C



1949 BC	1	019490022
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## 1949F

progressive blow gun

- Special valve and sensitive lever allow progressive opening of circuit, resulting in optimized air flow
- 1/4" GAS female threaded insert
- Maximum operating pressure: 10 bars
- Operating temperature: -15°C +70°C.



1949F	133 g	5	019490027
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## 1949G

progressive blow gun with air regulator

- Special valve and sensitive lever allow progressive opening of circuit, resulting in optimized air flow
- 1/4" GAS female threaded insert
- Maximum operating pressure: 10 bars
- Operating temperature: -15°C +70°C.



1949G	145 g	5	019490035
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## 1949DGT

digital tyre inflator



- operating pressure: 0÷11 bar
- 4 measurement units: psi/bar/kgcm2/kpa
- backlit LCD display
- ABS housing with protective shell
- power supply: 2 AAA size 1.5V batteries

1949DGT	bar	0-11	1	019490020
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## 1949GP

tyre inflator ABS housing



1949GP	1	019490010
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## 1949R/NIP

1/4" GAS threaded coupling for item 1949GP



1949R/NIP	1	019490113
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### 1901BM/8

automatic hose reel  
shock-proof plastic body  
for compressed air or cold water

• Max. operating pressure: 12 bar



A	B		
mm	mm		
310	300	1	019010111

### 1901/10

automatic hose reel,  
shock-proof plastic body,  
for compressed air or cold water

• Max. working pressure: 12 bars

CE



	A	B		
	mm	mm		
1901/10	470	330	1	019010010

### 1910

automatic hose reel aluminium body,  
for compressed air or cold water

• Max. pressure: 12 bars

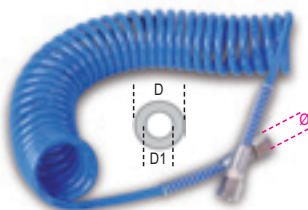
CE



	A	B		
	mm	mm		
1910	400	370	1	019100001

### 1914

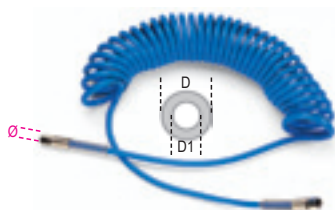
polyurethane recoil hoses, 98 Shore,  
extendable



L	DxD1	Ø GAS		
m	mm	BSP		
4	5x8	1/4"	1	019140054
6	5x8	1/4"	1	019140056
10	5x8	1/4"	1	019140060

### 1915B

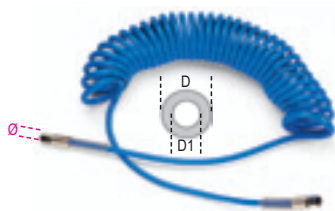
polyurethane recoil hoses, 95 Shore,  
extendable up to 9 m



D1xD	Ø GAS		
mm	BSP		
6,5x10	1/4"	1	019150011
8x12	1/4"	1	019150012
11x16	3/8"	1	019150013

### 1915C

polyurethane recoil hoses, 95 Shore,  
extendable up to 12 m



D1xD	Ø GAS		
mm	BSP		
6,5x10	1/4"	1	019150014
8x12	1/4"	1	019150015
11x16	3/8"	1	019150016

### 1915D

braided polyurethane hose,  
95 Shore, 9 metres long



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150017
11x16	3/8"	1	019150018

### 1915E

braided polyurethane hose,  
95 Shore, 12 metres long



D1xD	Ø GAS		
mm	BSP		
8x12	1/4"	1	019150019
11x16	3/8"	1	019150020

### 1916I

quick couplings Italian profile,  
zinc-plated carbonitrided steel,  
male threaded (BSP)



Ø GAS			
BSP			
1/4"	5	019160001	
3/8"	5	019160002	

### 1916G

quick couplings European profile,  
zinc-plated carbonitrided steel,  
male threaded, tapered (BSPT)



Ø GAS			
BSPT			
1/4"	5	019160005	
3/8"	5	019160010	
1/2"	5	019160012	



## 1917M

universal ball quick couplers,  
shockproof rubber made  
from nickel-plated brass,  
male threaded (BSP)



Ø GAS BSP	
1/4"	5 019170001
3/8"	5 019170003
1/2"	5 019170004

## 1917F

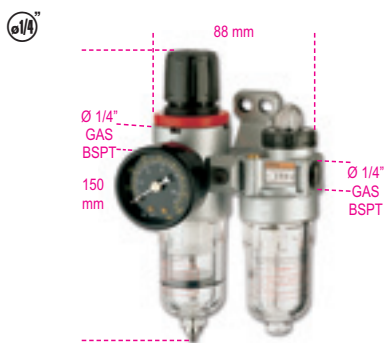
universal ball quick couplers,  
shockproof rubber  
made from nickel-plated brass,  
female threaded (BSP)



Ø GAS BSP	
1/4"	5 019170005
3/8"	5 019170010

## 1919FE1/4

filter-regulator-lubricator



Pressure gauge inlet	1/4" GAS BSPT
Pressure gauge inlet	1/8" GAS BSPT
Maximum air capacity	750 l/min
Maximum pressure	9,5 bars
Working pressure	0,5 - 8,5 Bar
Working temperature	5 - 60 °C
Filter capacity	5 micron
Cup capacity	15 cc air / 25 cc oil

g	
700	1 019190200

## 1919RB-FE1/4

set of spare cups for item 1919FE1/4



1919RB-FE1/4	1 019190210
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## 1919RF-FE1/4

spare filter for item 1919FE1/4



1919RF-FE1/4	1 019190230
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## 1919RM-FE1/4

spare pressure gauge  
for item 1919FE1/4



1919RM-FE1/4	1 019190220
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## 1919F1/4

filter-regulator-lubricator



Air in/outlet	1/4" GAS BSPT
Maximum air capacity	1000 l/min
Maximum pressure	9,5 bars
Working pressure	0,5 - 8,5 bars
Working temperature	5 - 60 °C
Filter capacity	5 micron
Cup capacity	60 cc air / 90 cc oil

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 bars
Working pressure	0,5 - 8,5 bars
Working temperature	5 - 60 °C
Filter capacity	5 micron
Cup capacity	60 cc air / 90 cc oil

kg	
1,3	1 019190350

**Beta**

ISO 9001

### 1919F1/2

filter-regulator-lubricator



Air in/outlet 1/2" GAS BSPT  
 Maximum air capacity 2500 l/min  
 Maximum pressure 9,5 bars  
 Working pressure 0,5 - 8,5 bars  
 Working temperature 5 - 60 °C  
 Filter capacity 5 micron  
 Cup capacity 60 cc air / 90 cc oil

kg 1,3

### 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 1/4" 1 019190030  
 3/8" 1 019190032

### 1919SC

mini water separator



Ø 1/4" 1 019190035

### 1919L

ISO 32 lubricating oil

Density 20°C 875 Kg/m<sup>3</sup>  
 Viscosity 40°C 32 cSt  
 Flammability COC 210°C



cc 500 5 019190050

### 7051MP

eye protector  
with polycarbonate visor

CE



EN166

7051MP 5 070510001

### 7190C

PVC ear protectors

• attenuation values: from 15.5 dB at 63 Hz to 37 dB at 8000 Hz



EN 352-1

7190C 2 071900002

### 7195MA

dust mask

CE



EN149FFP1

7195MA 20 071950003





# CONTAINERS AND ASSORTMENTS



Aluminium<sup>AL</sup>  
Innovation  
Technology

 **Beta**  
[www.beta-tools.com](http://www.beta-tools.com)

### 2005PA/D

tool pouch,  
empty, made from nylon, with belt



2005PA/D 1 020050000

### 2005PA/S

tool pouch,  
empty, made from nylon, with belt



2005PA/S 1 020050020

### 2009N/BV

leather bag for maintenance,  
empty



mm  
530x190x210 1 020090200

### 2009ID

bag with assortment of tools  
for plumbing maintenance



2009ID  
(2009N/BV+5980ID) 1 020090012

### 2011/BV

bag for electricians,  
empty, made from synthetic material,  
with ABS sides and removable tool panel



mm  
570x260x370 1 020110200

### 2011ET

bags with assortments of tools  
for electrotechnical maintenance



2011ET/A  
(2011/BV+5980ET/A) 1 020110117  
2011ET/B  
(2011/BV+5980ET/B) 1 020110119

### 2014N/VV

synthetic tool bag with three compartments,  
nylon insets and removable tool panels, empty



mm  
440x370x170 1 020140200

### 2014N/VU2

bag with assortment of 49 tools  
for universal use



2014N/VU2  
(2014N/VV+5915VU/2) 1 020140020

### 2029/VV

tool case,  
made of thick polypropylene,  
aluminium edged,  
double wall construction



mm  
490x230x380 1 020290000

### 2029E

tool cases with assortments of tools  
for electronic and electrotechnical  
maintenance



2029BG-MQ  
(2029/VV+5980BG/MQ) 1 020290251  
2029ET/B  
(2029/VV+5980ET/B) 1 020290211  
2029EL/B  
(2029/VV+5980EL/B) 1 020290216

### 2029/RT

universal shoulder strap for bags and cases



2029/RT 1 020290900



## 2032/VV

wall tool case,  
empty, made from plastic,  
provided with aluminium profile



mm  
450x390x170

   
1 020320010

## 2032E

tool cases with assortments of tools  
for electronic and electrotechnical  
maintenance



2032ET/A  
(2032/VV+5980ET/A)  
2032EL/A  
(2032/VV+5980EL/A)

   
1 020320107  
1 020320108

## 2032/TV

tool trolley, empty,  
made of thick polypropylene,  
double wall construction,  
telescopic handle  
and castors with ball bearings



mm  
430x370x200



   
1 020320110

## 2032/TE

tool trolley with assortments of tools  
for electronic and electrotechnical  
maintenance



2032T ET/A  
(2032/TV+5980ET/A)  
2032T EL/A  
(2032/TV+5980EL/A)

   
1 020320207  
1 020320208

## 2033N/VV

wall tool case,  
empty, made from aluminium,  
with ABS sides



mm  
500x380x200

   
1 020330200

## 2033E

tool cases with assortments of tools  
for electronic and electrotechnical  
maintenance



2033ET/B  
(2033N/VV+5980ET/B)  
2033EL/B  
(2033N/VV+5980EL/B)

   
1 020330107  
1 020330105

## 2034/VV

wall tool case,  
empty, made from aluminium



mm  
470x380x170

   
1 020340200

## 2034

cases with assortments of tools  
for electrotechnical maintenance  
and universal use



2034ET/A  
(2034/VV+5980ET/A)  
2034EL/A  
(2034/VV+5980EL/A)  
2034VU/2  
(2034/VV+5915V/U2)

   
1 020340104  
1 020340107  
1 020340106

## 2036/TV

tool trolley,  
empty, made of thick polypropylene,  
aluminium edged, double wall construction,  
telescopic handle  
and castors with ball bearings



mm  
490x260x380

   
1 020360000

## 2036E

trolley with assortments of tools  
for electronic and electrotechnical  
maintenance



2036ET/B  
(2036/TV+5980ET/B)  
2036EL/B  
(2036/TV+5980EL/B)

   
1 020360113  
1 020360117



## 2041UC

Utility Case with assortment of 33 tools



2041UC 1 020410200

- 55 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
  - 96/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
  - 111 200 mm
  - 1048V 250 mm
  - 1128BMX 145 mm
  - 1150 180 mm
  - 1201 2,5x50 - 3x75 - 4x100 - 5,5x100 - 6,5x150 mm
  - 1202 PH0x60 - PH1x80 - PH2x100 mm
  - 1370 300 g
  - 1692 3m
  - 1771 170 mm
  - 1834/70 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 020510200

- 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
  - 111 200 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
  - 1048 250 mm
  - 1084BM 160 mm
  - 1128BMX 145 mm
  - 1150BM 180 mm
  - 1166BM 160 mm
  - 1201  $\varnothing$ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
  - 1202  $\varnothing$ PH1x80 - PH2x100 mm
  - 1390  $\varnothing$  35 mm
  - 1490/2  $\varnothing$  max 240 mm
  - 1737 145 mm
  - 1778X
  - 1995 WD40 400 ml
  - 1639NS-N 25m
- 585x393x92 mm - 9 kg

## 2055

"Home Bag" case with assortment of 24 tools



2055 1 020550200

- 55 6x7 - 8x9 - 10x11 - 12x13 mm
  - 96N/SC9 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
  - 1128BMX 145 mm
  - 1151S 180 mm
  - 1048V 250 mm
  - 1201 3x75 - 4x100 - 5,5x100 mm
  - 1202 PH0x60 - PH1x80 - PH2x100 mm
  - 1370 300 g
  - 1692 3m
- 373x275x70 mm - 3 Kg

## 2060/VV

watertight/waterproof/floating  
hard cavity wall tool case,  
made from thick resin,  
with manual pressure release valve,  
empty



490x410x210 mm 1 020600101

## 2080/VV

portable organizer / tool case, empty



400x340x70 mm 1 020800101

## C5 - 2105

tool rucksack, made of fabric



C5 1 021050000  
2105VU/0 1 021050120  
(C5+5915VU/0)

500x400x180 mm - 2,5 Kg

## C6T - 2106

tool trolley, made of fabric



C6T 1 021060010  
2106TVU/0 1 021060120  
(C6T+5915VU/0)

480x370x220 mm - 4,5 kg

## C9 - 2109

fabric tool bag



C9 1 021090000  
2109VU/1 1 021090021  
(C9+5915VU/1)  
2109VU/3 1 021090123  
(C9+5915VU/3)

550x280x320 mm - 2,6 kg

### C9/RT

shoulder strap for items C9 and C10



C9/RT

1 021090900

### C10 - 2110

tool box,  
made of fabric, with tool tray



C10	1	021100000
2110VU/1 (C10+5915VU/1)	1	021100021
2110VU/3 (C10+5915VU/3)	1	021100023
2110VU/AS (C10+5915VU/AS)	1	021100025

520x220x250 mm - 3,3 kg

### C10S - 2110S

tool box, made of fabric,  
with tool tray



C10S	1	021100001
2110SVU/1 (C10S+5915VU/1)	1	021100101
2110SVU/3 (C10S+5915VU/3)	1	021100103

420x220x250 mm - 2,3 kg

# Beta



### C15L - 2115L

tool box,  
long series, made from plastic,  
removable tote-tray



C15L	1	021150002
2115LVU/1 (C15L+5915VU/1)	1	021150131
2115LVU/3 (C15L+5915VU/3)	1	021150133

560x270x270 mm - 2,3 kg

### C16 - 2116

tool box, made of plastic,  
with interior object compartment, empty



C16	1	021160000
2116VU/1 (C16+5915VU/1)	1	021160101
2116VU/3 (C16+5915VU/3)	1	021160103

500x260x260 mm - 2,5 kg

### C11 - 2111

tool box, made of fabric



C11	1	021110000
2111VU/1 (C11+5915VU/1)	1	021110101
2111VU/3 (C11+5915VU/3)	1	021110103

400x240x220 mm - 2 kg

### C13

tool trunk with castors,  
made of sturdy polypropylene



C13	1	021130000
-----	---	-----------

870x410x350 mm - 7,2 kg

### C15 - 2115

tool box,  
made from plastic, removable tote-tray



C15	1	021150001
2115VU/1 (C15+5915VU/1)	1	021150031
2115VU/3 (C15+5915VU/3)	1	021150033

480x260x260 mm - 2 kg

# Beta



### CP17 - CP17L - 2117

tool box,  
made of stainless steel and plastic,  
removable tote-tray



**CP17**  
≡ 500x200x220 mm



**CP17L**  
≡ 575x245x265 mm

<b>CP17</b>	1	021170500
<b>2117PVU/1</b> (CP17+5915VU/1)	1	021170041
<b>2117PVU/3</b> (CP17+5915VU/3)	1	021170043
<b>CP17L</b>	1	021170502
<b>2117PLVU/1</b> (CP17L+5915VU/1)	1	021170141
<b>2117PLVU/3</b> (CP17L+5915VU/3)	1	021170143
CP17:  2,5 kg		
CP17L:  3,7 kg		

### C18 - 2118

tool box  
made from sheet metal



<b>C18</b>	1	021180001
<b>2118VU/1</b> (C18+5915VU/1)	1	021180031
≡ 450x200x100 mm -  3 kg		

### C19 - 2119 - C19L - 2119L

three-section cantilever tool box,  
made from sheet metal



**C19**  
≡ 450x200x160 mm



**C19L**  
≡ 550x200x160 mm

<b>C19</b>	1	021190001
<b>C19L</b>	1	021190002
<b>2119VU/3</b> (C19+5915VU/3)	1	021190023
<b>2119LVU/3</b> (C19L+5915VU/3)	1	021190123
C19:  3,4 kg		
C19L:  4 kg		

### C20 - C20L - 2120

five-section cantilever tool box,  
made from sheet metal



**C20**  
≡ 450x200x210 mm



**C20L**  
≡ 550x200x210 mm

<b>C20</b>	1	021200001
<b>2120VU/2</b> (C20+5915VU/2)	1	021200016
<b>2120VU/3</b> (C20+5915VU/3)	1	021200017
<b>2120VU/4</b> (C20+5915VU/4)	1	021200018
<b>2120VU/AS</b> (C20+5915VU/AS)	1	021200019
<b>C20L</b>	1	021200002
<b>2120LVU/2</b> (C20L+5915VU/2)	1	021200116
<b>2120LVU/3</b> (C20L+5915VU/3)	1	021200117
<b>2120LVU/4</b> (C20L+5915VU/4)	1	021200118
<b>2120LVU/AS</b> (C20L+5915VU/AS)	1	021200119
C20:  4,3 kg		
C20L:  5,4 kg		

### C22B

tool trunk,  
made of sheet metal



**C22B O**  
≡ 720x320x310 mm



**C22BM O**  
≡ 850x360x350 mm



**C22BL O**  
≡ 1010x410x400 mm

<b>C22B O</b>	1	022000150
<b>C22BM O</b>	1	022000160
<b>C22BL O</b>	1	022000170

C22B O: 13 kg  
C22BM O: 20 kg  
C22BL O: 26 kg

### C22W

tool trunk,  
made from sheet metal,  
lined for enhanced tool protection



**C22W O**  
≡ 690x300x360 mm



**C22WL O**  
≡ 990x300x360 mm

<b>C22W O</b>	1	022000269
<b>C22WL O</b>	1	022000299

C22W O: 15 kg  
C22WL O: 28 kg





## C22S - 2200S

portable tool chest  
with three drawers

Main features:

- Three drawers (588x277 mm) with ball bearing slides:
- 1 drawer, 50 mm high
- 2 drawers, 70 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of handling.

19 kg

Model	Qty	Code	Price
C22S O	1	022000501	
2200S-O/VU1T (C22S-O+5923VU/1T)	1	022000451	255
2200S-O/VI (C22S-O+5902VI)	1	022000421	239
2200S-O/MT (C22S-O+5902MT)	1	022000431	265
2200S-O/MTAS (C22S-O+5902MT/AS)	1	022000441	266
C22S G	1	022000502	
2200S-G/VU1T (C22S-G+5923VU/1T)	1	022000452	255
2200S-G/VI (C22S-G+5902VI)	1	022000422	239
2200S-G/MT (C22S-G+5902MT)	1	022000432	265
2200S-G/MTAS (C22S-G+5902MT/AS)	1	022000442	266
C22S R	1	022000503	
2200S-R/VU1T (C22S-R+5923VU/1T)	1	022000453	255
2200S-R/VI (C22S-R+5902VI)	1	022000423	239
2200S-R/MT (C22S-R+5902MT)	1	022000433	265
2200S-R/MTAS (C22S-R+5902MT/AS)	1	022000443	266



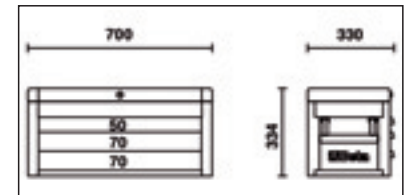
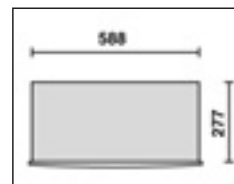
C22S O



C22S G



C22S R



## C23S - 2300S

portable tool chest  
with five drawers

Main features:

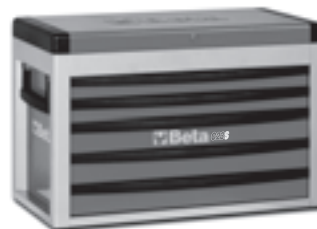
- Five drawers (588x277 mm) with ball bearing slides:
- 2 drawers, 50 mm high
- 3 drawers, 70 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of handling.

26 kg

Model	Qty	Code	Price
C23S O	1	023000501	
2300S-O/VU1T (C23S-O+5923VU/1T)	1	023000441	255
2300S-O/VI (C23S-O+5902VI)	1	023000451	239
2300S-O/MT (C23S-O+5902MT)	1	023000461	265
2300S-OMT/AS (C23S-O+5902MT/AS)	1	023000471	266
C23S G	1	023000502	
2300S-G/VU1T (C23S-G+5923VU/1T)	1	023000442	255
2300S-G/VI (C23S-G+5902VI)	1	023000452	239
2300S-G/MT (C23S-G+5902MT)	1	023000462	265
2300S-G/MTAS (C23S-G+5902MT/AS)	1	023000472	266
C23S R	1	023000503	
2300S-R/VU1T (C23S-R+5923VU/1T)	1	023000443	255
2300S-R/VI (C23S-R+5902VI)	1	023000453	239
2300S-R/MT (C23S-R+5902MT)	1	023000463	265
2300S-R/MTAS (C23S-R+5902MT/AS)	1	023000473	266



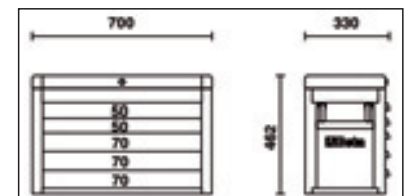
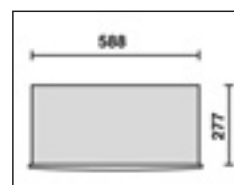
C23S O



C23S G



C23S R



## C23SC - 2300SC

portable tool chest  
with eight drawers

Main features:

- Eight drawers with ball bearing slides:
- 4 drawers, 50 mm high
- 3 drawers, 70 mm high
- 1 drawer, 100 mm high.
- Front centralized safety lock.
- Retractable side handles for ease of transport.

📦 28 kg



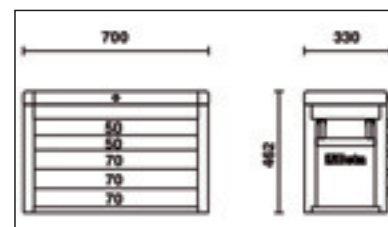
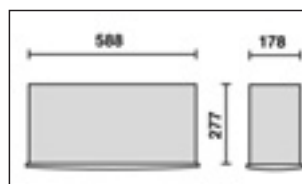
C23SC O



C23SC G



C23SC R



Model	Accessories	Qty	Part No.	Price
C23SC O		1	023000511	
2300SC-O/VU1T (C23SC O+5923VU/1T)		1	023000611	255
2300SC-O/VI (C23SC O+5902VI)		1	023000481	239
2300SC-O/MT (C23SC O+5902MT)		1	023000491	265
C23SC G		1	023000512	
2300SC-G/VU1T (C23SC G+5923VU/1T)		1	023000612	255
2300SC-G/VI (C23SC G+5902VI)		1	023000482	239
2300SC-G/MT (C23SC G+5902MT)		1	023000492	265
C23SC R		1	023000513	
2300SC-R/VU1T (C23SC R+5923VU/1T)		1	023000613	255
2300SC-R/VI (C23SC R+5902VI)		1	023000483	239
2300SC-R/MT (C23SC R+5902MT)		1	023000493	265

## C23ST - 2300ST

portable tool chest  
with five drawers

Main features:

- Five drawers (588x367 mm) with ball bearing slides:
- 5 drawers, 70 mm high.
- Front centralized safety lock.
- Load capacity of one drawer: 15 kg
- Can be fitted with kit composed of 4 castors and 1 handle (2300ST/KIT)

📦 29 kg



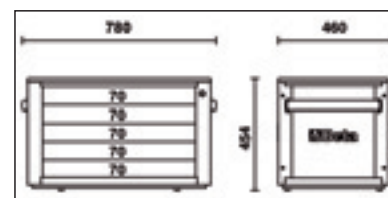
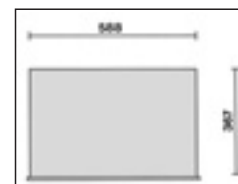
C23ST O



C23ST G



C23ST R



Model	Accessories	Qty	Part No.	Price
C23ST O		1	023000521	
2300ST-O/VI1T (C23ST O+5904VI/1T)		1	023000671	240
2300ST-O/VG1T (C23ST O+5904VG/1T)		1	023000681	267
C23ST G		1	023000522	
2300ST-G/VI1T (C23ST G+5904VI/1T)		1	023000672	240
2300ST-G/VG1T (C23ST G+5904VG/1T)		1	023000682	267
C23ST R		1	023000523	
2300ST-R/VI1T (C23ST R+5904VI/1T)		1	023000673	240
2300ST-R/VG1T (C23ST R+5904VG/1T)		1	023000683	267



## 2300ST/KIT

kit with 4 castors and 1 handle for item C23ST

- Four castors 125 mm in Ø:  
2 fixed and 2 steering (two with brakes).
- Telescopic handle

6,5 kg



2300ST/KIT

1 023000950

## CD23S

Caddy trolley

Main features:

- ABS worktop designed to match tool chests C22S, C23S, C23SC.
- The removable handle can be stored underneath the chassis.
- Four castors 125 mm in Ø:  
2 fixed and 2 steering (one with brake).
- Maximum load: 250 kg.

14 kg



CD23S

1 023000610

 **Beta**



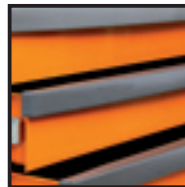
## C24S/5 - 2400S5

mobile roller cab with five drawers

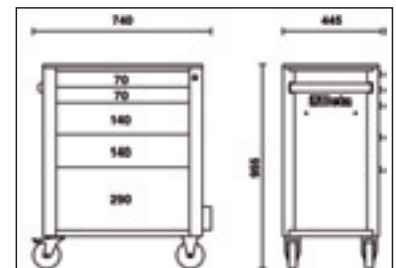
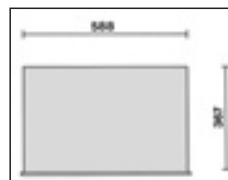
Main features:

- Five drawers (588x367 mm) with ball bearing slides:
  - 2 drawers, 70 mm high
  - 2 drawers, 140 mm high
  - 1 drawer, 290 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

52 kg



Model	Accessories	Qty	Part No.	Price
C24S O/5		1	024002051	
2400S5-O/VI1T	(C24S5/O+5904VI/1T)	1	024002504	240
2400S5-O/VG2T	(C24S5/O+5904VG/2T)	1	024002514	268
2400S5-O/VG3	(C24S5/O+5904VG/3)	1	024002524	269
C24S G/5		1	024002052	
2400S5-G/VI1T	(C24S5/G+5904VI/1T)	1	024002505	240
2400S5-G/VG2T	(C24S5/G+5904VG/2T)	1	024002515	268
2400S5-G/VG3	(C24S5/G+5904VG/3)	1	024002525	269
C24S R/5		1	024002053	
2400S5-R/VI1T	(C24S5/R+5904VI/1T)	1	024002506	240
2400S5-R/VG2T	(C24S5/R+5904VG/2T)	1	024002516	268
2400S5-R/VG3	(C24S5/R+5904VG/3)	1	024002526	269



## C24S/6 - 2400S6

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, 290 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

55 kg

800 kg



C24S O/6



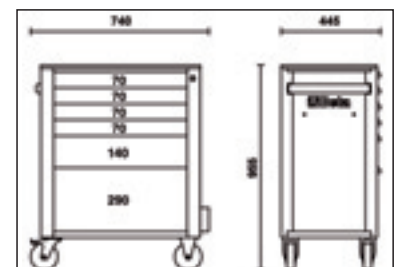
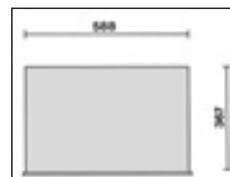
C24S G/6



C24S R/6



C24S O/6		1	024002061	
2400S6-O/VI1T	(C24S6/O+5904VI/1T)	1	024002614	240
2400S6-O/VG2T	(C24S6/O+5904VG/2T)	1	024002624	268
2400S6-O/VG3	(C24S6/O+5904VG/3)	1	024002634	269
C24S G/6		1	024002062	
2400S6-G/VI1T	(C24S6/G+5904VI/1T)	1	024002615	240
2400S6-G/VG2T	(C24S6/G+5904VG/2T)	1	024002625	268
2400S6-G/VG3	(C24S6/G+5904VG/3)	1	024002635	269
C24S R/6		1	024002063	
2400S6-R/VI1T	(C24S6/R+5904VI/1T)	1	024002616	240
2400S6-R/VG2T	(C24S6/R+5904VG/2T)	1	024002626	268
2400S6-R/VG3	(C24S6/R+5904VG/3)	1	024002636	269



## C24S/7 - 2400S7

mobile 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
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

58 kg



C24S O/7

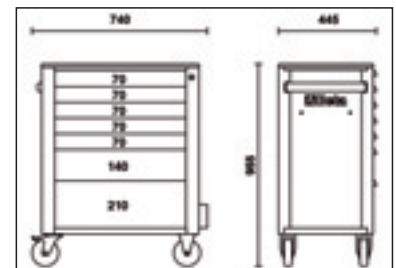
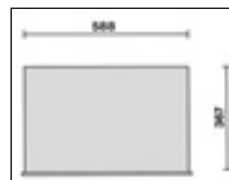
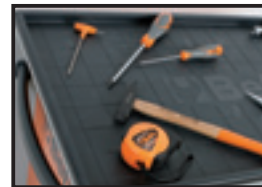
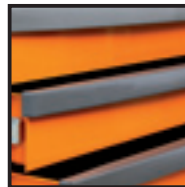


C24S G/7



C24S R/7

C24S O/7	1	024002071		
2400S7-O/VI2T (C24S7/O+5904VI/2T)	1	024002704	241	
2400S7-O/VI3 (C24S7/O+5904VI/3)	1	024002714	242	
2400S7-O/VG1T (C24S7/O+5904VG/1T)	1	024002724	267	
2400S7-O/VG3 (C24S7/O+5904VG/3)	1	024002734	269	
C24S G/7	1	024002072		
2400S7-G/VI2T (C24S7/G+5904VI/2T)	1	024002705	241	
2400S7-G/VI3 (C24S7/G+5904VI/3)	1	024002715	242	
2400S7-G/VG1T (C24S7/G+5904VG/1T)	1	024002725	267	
2400S7-G/VG3 (C24S7/G+5904VG/3)	1	024002735	269	
C24S R/7	1	024002073		
2400S7-R/VI2T (C24S7/R+5904VI/2T)	1	024002706	241	
2400S7-R/VI3 (C24S7/R+5904VI/3)	1	024002716	242	
2400S7-R/VG1T (C24S7/R+5904VG/1T)	1	024002726	267	
2400S7-R/VG3 (C24S7/R+5904VG/3)	1	024002736	269	





## C24S/8 - 2400S8

mobile roller cab with eight drawers

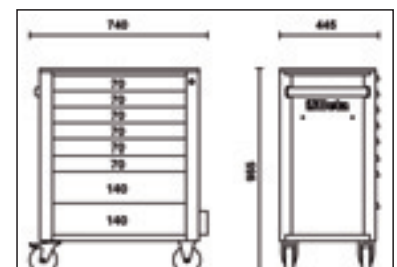
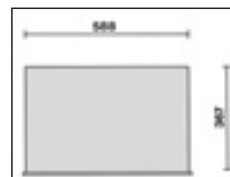
Main features:

- Eight drawers (588x367 mm) with ball bearing slides:
  - 6 drawers, 70 mm high
  - 2 drawers, 140 mm high
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Thermoplastic worktop designed to match tool chests C22S, C23S, C23SC and C23ST.
- Integrated side bottle holder.
- Paper roll holder item 2400S-R/PC can also be included.

61 kg



C24S O/8		1	024002081	
2400S8-O/VI2T	(C24S8/O+5904VI/2T)	1	024002804	241
2400S8-O/VG3	(C24S8/O+5904VG/3)	1	024002814	269
2400S8-O/VG5T	(C24S8/O+5904VG/5T)	1	024002824	271
C24S G/8		1	024002082	
2400S8-G/VI2T	(C24S8/G+5904VI/2T)	1	024002805	241
2400S8-G/VG3	(C24S8/G+5904VG/3)	1	024002815	269
2400S8-G/VG5T	(C24S8/G+5904VG/5T)	1	024002825	271
C24S R/8		1	024002083	
2400S8-R/VI2T	(C24S8/R+5904VI/2T)	1	024002806	241
2400S8-R/VG3	(C24S8/R+5904VG/3)	1	024002816	269
2400S8-R/VG5T	(C24S8/R+5904VG/5T)	1	024002826	271



## C24SA/7 - 2400SA7

mobile roller cab with 7 drawers,  
with anti-tilt system

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
- Drawer bases protected by foamed rubber mats.
- Does not allow simultaneous opening of several drawers
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (one with brake)
- Front centralized safety lock
- Static load capacity: 800 kg
- Integrated side bottle holder

58 kg



C24SA-O/7



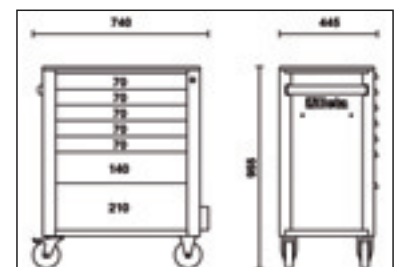
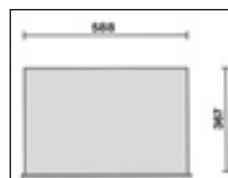
C24SA-G/7



C24SA-R/7



C24SA-O/7	1	024002171	
2400SA7-O/VI2T (C24SA7/O+5904VI/2T)	1	024002707	241
2400SA7-O/VI3 (C24SA7/O+5904VI/3)	1	024002717	242
2400SA7-O/VG1T (C24SA7/O+5904VG/1T)	1	024002727	267
2400SA7-O/VG3 (C24SA7/O+5904VG/3)	1	024002737	269
C24SA-G/7	1	024002172	
2400SA7-G/VI2T (C24SA7/G+5904VI/2T)	1	024002708	241
2400SA7-G/VI3 (C24SA7/G+5904VI/3)	1	024002718	242
2400SA7-G/VG1T (C24SA7/G+5904VG/1T)	1	024002728	267
2400SA7-G/VG3 (C24SA7/G+5904VG/3)	1	024002738	269
C24SA-R/7	1	024002173	
2400SA7-R/VI2T (C24SA7/R+5904VI/2T)	1	024002709	241
2400SA7-R/VI3 (C24SA7/R+5904VI/3)	1	024002719	242
2400SA7-R/VG1T (C24SA7/R+5904VG/1T)	1	024002729	267
2400SA7-R/VG3 (C24SA7/R+5904VG/3)	1	024002739	269






## 2400S-R/PC

paper roll holder

• Matches roller cabs C24S

0,3 kg



-  2400S R/PC-O
-  2400S R/PC-G
-  2400S R/PC-R



2400S R/PC-O	1	024002951
2400S R/PC-G	1	024002952
2400S R/PC-R	1	024002953

## 2400S/PF

bottle holder

• Matches roller cabs C24S

0,5 kg



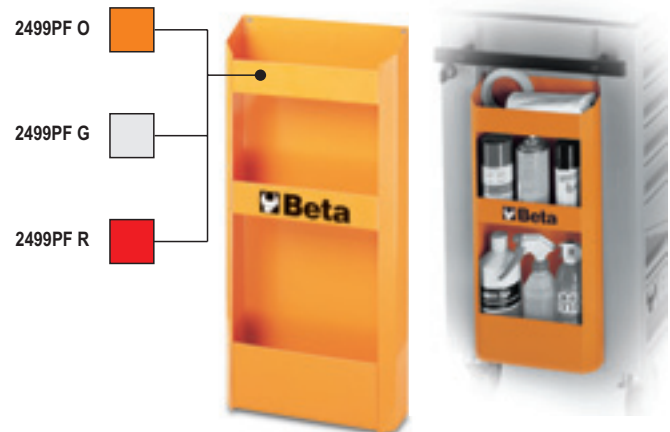
2400S/PF	1	024002906
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## 2499PF

bottle holder

• Can match roller cabs C38, C38A and trolley CX52.

2,5 kg



2499PF O

2499PF G

2499PF R

2499PF O	1	024990210
2499PF G	1	024990219
2499PF R	1	024990230

 **Beta**



## 2499PF/M

universal magnetic bottle holder

2,2 kg



2499PF/M

1 024990050

## 2499PP/M

magnetic support for impact wrenches

1,5 kg



2499PP/M

1 024990060

## 2499PC

paper roll holder

• Matches all Tank, NewTeam trolleys and roller cabs and C38, C38A.

2,2 kg



2499PC

1 024990090

 **Beta**




## C24SL - 2400SL

mobile roller cab  
with seven drawers  
and side tops

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.
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (two with brakes).
- Front centralized safety lock.
- Static load capacity: 800 kg.
- Multi-ply wood worktop with holes for a vice (1599F/100, to be ordered separately).
- Side compartment with vertically adjustable top.
- Integrated paper roll holder.
- Double rear bottle holder.

63 kg

				
C24SL O		1	024002101	
2400SL-O/VI3	(C24SL/O+5904VI/3)	1	024002404	242
2400SL-O/VG3	(C24SL/O+5904VG/3)	1	024002414	269
2400SL-O/VG4T	(C24SL/O+5904VG/4T)	1	024002427	270
C24SL G		1	024002102	
2400SL-G/VI3	(C24SL/G+5904VI/3)	1	024002405	242
2400SL-G/VG3	(C24SL/G+5904VG/3)	1	024002415	269
2400SL-G/VG4T	(C24SL/G+5904VG/4T)	1	024002428	270
C24SL R		1	024002103	
2400SL-R/VI3	(C24SL/R+5904VI/3)	1	024002406	242
2400SL-R/VG3	(C24SL/R+5904VG/3)	1	024002416	269
2400SL-R/VG4T	(C24SL/R+5904VG/4T)	1	024002429	270



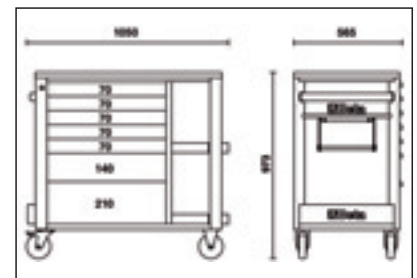
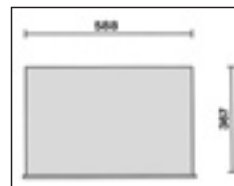
C24SL O



C24SL G



C24SL R



## C25 - 2500




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.
- Paper roll holder item 2499PC can also be included

31,5 kg



				
C25		1	025000001	
2500/VI1	(C25+5902VI)	1	025000079	239
2500/VG0	(C25+5905VG/0)	1	025000080	272
2500/VG1	(C25+5905VG/1)	1	025000082	273
2500/VG2	(C25+5905VG/2)	1	025000083	274



## C28 - 2800

SuperTank trolley with worktop and ten drawers

Main features:

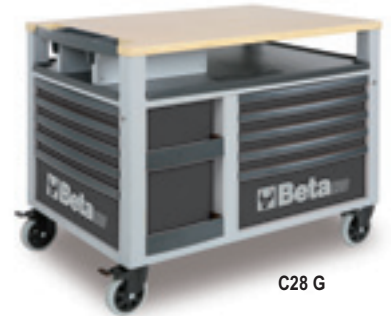
- Ten drawers (588x367 mm) with ball bearing slides
- Quick, safe system for opening and closing drawers, with nylon and fibreglass front
- Five side drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high
- Five front drawers:
  - 4 drawers, 70 mm high
  - 1 drawer, 210 mm high
- Drawer bases protected by foamed rubber mats
- Four high-capacity castors 150 mm in Ø:
  - 2 fixed and 2 steering (with brakes)
- 2 centralised safety locks
- Multiply wood worktop with holes for a vice (1599F/150, to be ordered separately)
- 4 bottle holders: 2 front and 2 rear
- 6 side tool trays
- Side compartment with foldaway door with lock
- 135-mm-high storage compartment with plastic-covered base
- Static load capacity: 1200 kg

1200  
kg



C28 O

130 kg



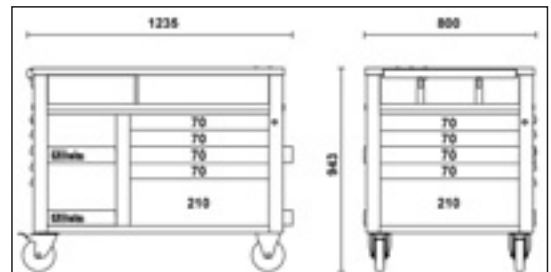
C28 G



C28 O		1	028000301	
2800 O/VI1	(C28 O+5908VI/1)	1	028000314	243
2800 O/VI2T	(C28 O+5908VI/2T)	1	028000324	244
2800 O/VG1	(C28 O+5908VG/1)	1	028000334	275
2800 O/VG2	(C28 O+5908VG/2)	1	028000344	276
C28 G		1	028000302	
2800 G/VI1	(C28 G+5908VI/1)	1	028000315	243
2800 G/VI2T	(C28 G+5908VI/2T)	1	028000325	244
2800 G/VG1	(C28 G+5908VG/1)	1	028000335	275
2800 G/VG2	(C28 G+5908VG/2)	1	028000345	276
C28 R		1	028000303	
2800 R/VI1	(C28 R+5908VI/1)	1	028000316	243
2800 R/VI2T	(C28 R+5908VI/2T)	1	028000326	244
2800 R/VG1	(C28 R+5908VG/1)	1	028000336	275
2800 R/VG2	(C28 R+5908VG/2)	1	028000346	276



C28 R





## C30 - 3000

### MaxiTank mobile workbench

#### Main features:



- Drawers with ball bearing slides designed to support heavy loads.
- Two rear drawers (670x500x140 mm) with locking system.
- Six front drawers:
  - 4 drawers 600x250x70 mm
  - 2 drawers 600x250x140 mm
- Double side locking system for both drawers and doors.
- One hydraulic jack designed to lift the front part easily.
- Adiprene castors on ball bearing slides:
  - 2 swivelling, 150 mm in  $\varnothing$
  - 2 fixed, 170 mm in  $\varnothing$ .
- Drawer bases protected by foamed rubber mats.
- Multi-layered wooden worktop, 800x500 mm, with three holes for a vice (1599F/150 to be ordered separately).
- Oil-proof removable rubber top, 800x800 mm with drain hole connected to a small container for collecting fluids.
- Storage compartment, 720x250x1300 mm, with PVC-coated worktop and two sliding panels.

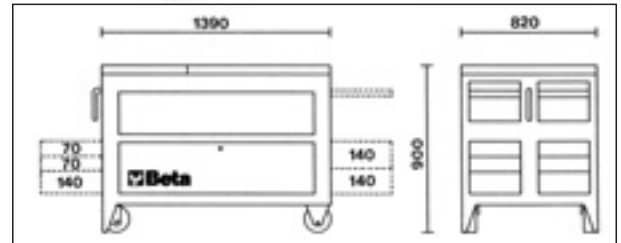


1200 kg



225 kg

				
C30		1	030000001	
3000/VI1	(C30+5908VI/1)	1	030000081	243
3000/VI3	(C30+5910VI/3)	1	030000092	245
3000/VG3	(C30+5910VG/3)	1	030000095	277



 **Beta**

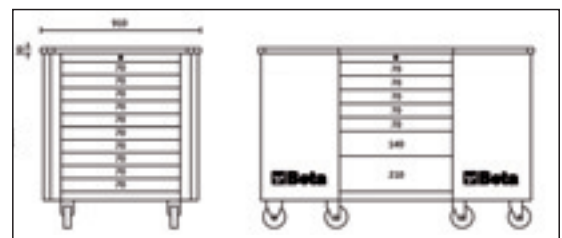
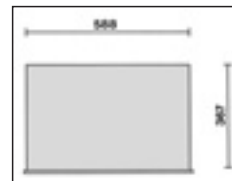
## C31

mobile workstation  
with twenty-eight drawers

- Twenty-eight drawers (588x367 mm) with ball bearing slides:
  - 19 drawers, 70 mm high
  - 7 drawers, 140 mm high
  - 1 drawer, 210 mm high
  - 1 drawer, 280 mm high
- Drawer front made of aluminium
- Drawer bases protected by foamed rubber mats
- Sturdy multi-ply wood worktop
- Four centralized locks
- Eight castors,  $\varnothing$  125 mm, 2 fixed and 6 steering (2 with brakes)

250 kg

2000  
kg



C31 O	1	031000281
C31 G	1	031000282
C31 R	1	031000283

## C38 - 3800

mobile roller cab  
with eleven drawers

Main features:

- Eleven drawers with ball bearing slides:
- 1 drawer 937x410x122 mm
- 3 drawers 570x410x74 mm
- 2 drawers 570x410x153 mm
- 3 drawers 313x410x74 mm
- 2 drawers 313x410x153 mm.
- Drawer bases protected by foamed rubber mats.
- Static load capacity: 1200 kg.
- 4 high-capacity castors: Ø 125 mm:
- 2 fixed and 2 steering (both with lever brake).
- Front centralized lock.
- Sheet metal worktop covered by a rubber mat.
- Can be fitted with paper roll holder item 2499PC and bottle holder item 2499PF.

114 kg

1200  
kg



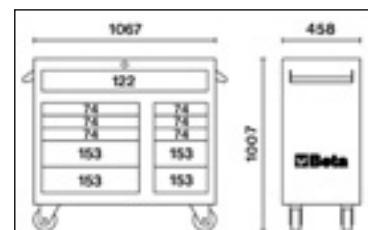
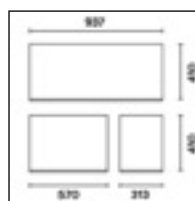
C38 O



C38 G



C38 R



Model	Accessories	Quantity	Part Number	Price
C38 O		1	038000001	
3800 O/U2	(C38 O+5938U/2)	1	038000065	256
C38 G		1	038000003	
3800 G/U2	(C38 G+5938U/2)	1	038000066	256
C38 R		1	038000002	
3800 R/U2	(C38 R+5938U/2)	1	038000067	256

**Beta**



## C38A - 3800A

mobile roller cab  
with six drawers and one compartment with doored shelf

Main features:

- Six drawers with ball bearing slides:  
1 drawer 937x410x122 mm  
3 drawers 570x410x74 mm  
2 drawers 570x410x153 mm.
- Vertically adjustable interior shelf.
- Inside door document pocket.
- Drawer bases protected by foamed rubber mats.
- Static load capacity: 1200 kg.
- 4 high-capacity castors: Ø 125 mm:  
2 fixed and 2 swivelling (both with lever brake).
- Front centralized lock.
- Sheet metal worktop covered by a rubber mat.
- Can be fitted with paper roll holder item 2499PC and bottle holder item 2499PF.

101 kg

1200  
kg



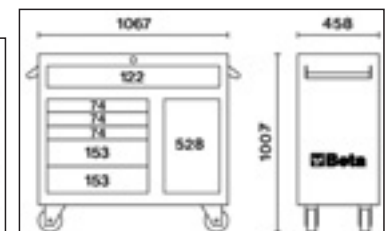
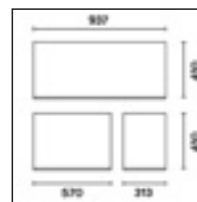
C38A O



C38A G



C38A R



C38A O	1	038000301
C38A G	1	038000303
C38A R	1	038000302

 **Beta**



## C38L

side cab  
with seven drawers

Main features:

- Seven drawers (410x313 mm) with ball bearing slides:
- 5 drawers, 74 mm high
- 2 drawers, 153 mm high
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be placed on both sides of roller cab C38 and C38A.

45 kg

C38L O	1	038000081
C38L G	1	038000083
C38L R	1	038000082



## C38L A

side door  
with interior shelf

Main features:

- Front lock.
- Vertically adjustable interior shelf.
- Inside door document pocket.
- Antislip aluminium worktop.
- Can be placed on both sides of roller cab C38.

18 kg

C38LA-O	1	038000071
C38LA-G	1	038000073
C38LA-R	1	038000072



## C38T

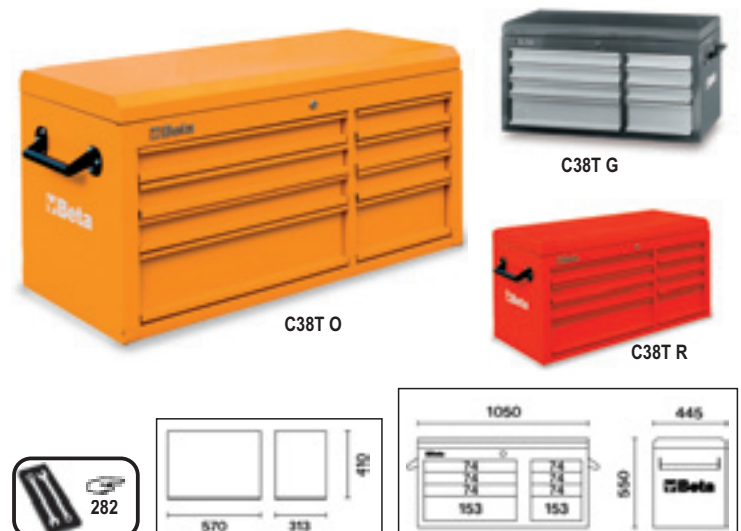
cab  
with eight drawers and top chest

Main features:

- Eight drawers with ball bearing slides:
- 3 drawers 570x410x74 mm
- 1 drawer 570x410x153 mm
- 3 drawers 313x410x74 mm
- 1 drawer 313x410x153 mm.
- Tool compartment.
- Drawer bases protected by foamed rubber mats.
- Front centralized safety lock.
- Antislip aluminium worktop.
- Can be placed on roller cab C38 and C38A.

64 kg

C38T O	1	038000091
C38T G	1	038000093
C38T R	1	038000092



## C38C

mobile roller cab  
with thirty three drawers,  
comprising:

- 1 mobile roller cab C38
- 2 side cabs C38L
- 1 cab C38T with top chest

307 kg



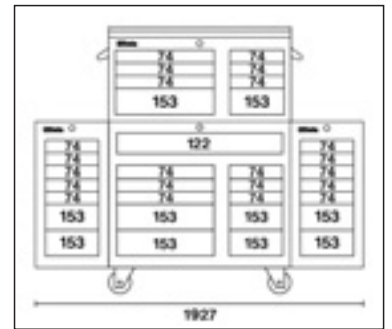
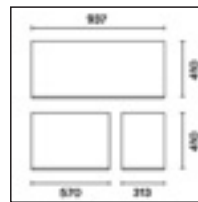
C38C O



C38C G



C38C R



C38C O	1	038000201
C38C G	1	038000203
C38C R	1	038000202

 **Beta**





## C39/6 - 3900

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
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1200 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

55 kg

1200  
kg



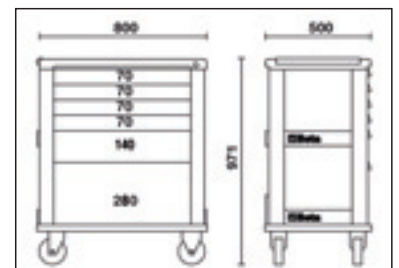
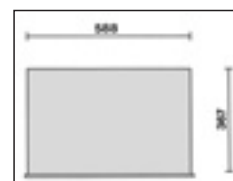
C39 O/6



C39 G/6



C39 R/6



C39 O/6		1	039000031	
3900 O-6/VI1T	(C39 O/6+5904VI/1T)	1	039000114	240
3900 O-6/VG2T	(C39 O/6+5904VG/2T)	1	039000124	268
C39 G/6		1	039000032	
3900 G-6/VI1T	(C39 G/6+5904VI/1T)	1	039000115	240
3900 G-6/VG2T	(C39 G/6+5904VG/2T)	1	039000125	268
C39 R/6		1	039000033	
3900 R-6/VI1T	(C39 R/6+5904VI/1T)	1	039000116	240
3900 R-6/VG2T	(C39 R/6+5904VG/2T)	1	039000126	268

## C39/7 - 3900

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.
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
- 2 fixed and 2 steering (1 with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1000 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

59 kg

1200 kg



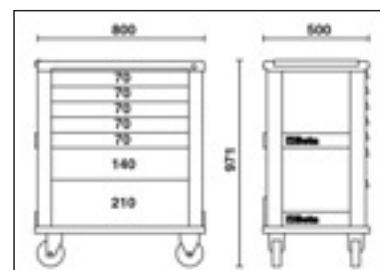
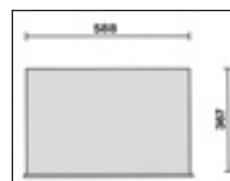
C39 O/7



C39 G/7



C39 R/7



Model	Accessories	Part No.	Price
C39 O	1	039000001	
3900 O-7/VI2T (C39 O/7+5904VI/2T)	1	039000134	241
3900 O-7/VG1T (C39 O/7+5904VG/1T)	1	039000144	267
3900 O-7/VG4T (C39 O/7+5904VG/4T)	1	039000167	270
C39 G	1	039000002	
3900 G-7/VI2T (C39 G/7+5904VI/2T)	1	039000135	241
3900 G-7/VG1T (C39 G/7+5904VG/1T)	1	039000145	267
3900 G-7/VG4T (C39 G/7+5904VG/4T)	1	039000168	270
C39 R	1	039000003	
3900 R-7/VI2T (C39 R/7+5904VI/2T)	1	039000136	241
3900 R-7/VG1T (C39 R/7+5904VG/1T)	1	039000146	267
3900 R-7/VG4T (C39 R/7+5904VG/4T)	1	039000169	270

## C39/8 - 3900

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
- Drawer bases protected by foamed rubber mats.
- Four castors 125 mm in Ø:
  - 2 fixed and 2 steering (one with brake).
- Front centralized safety lock.
- Opening system throughout length of drawer.
- Static load capacity: 1200 kg.
- Thermoplastic worktop.
- Integrated side and rear bottle holders.
- Integrated paper roll holder.
- Uprights and drawer front made of aluminium.

62 kg

1200  
kg



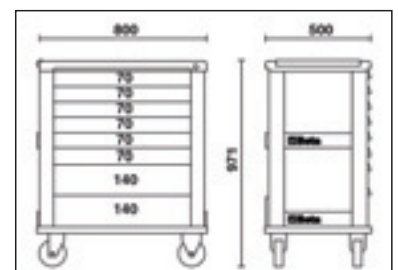
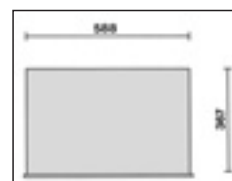
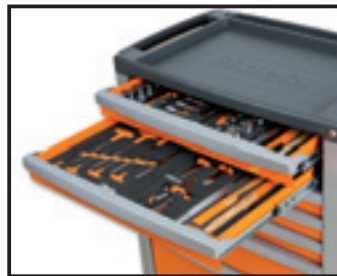
C39 O/8



C39 G/8



C39 R/8



Model	Accessories	Quantity	Part Number	Price
C39 O/8		1	039000041	
3900 O-8/VI2T	(C39 O/8+5904VI/2T)	1	039000174	241
3900 O-8/VG5T	(C39 O/8+5904VG/5T)	1	039000184	271
C39 G/8		1	039000042	
3900 G-8/VI2T	(C39 G/8+5904VI/2T)	1	039000175	241
3900 G-8/VG5T	(C39 G/8+5904VG/5T)	1	039000185	271
C39 R/8		1	039000043	
3900 R-8/VI2T	(C39 R/8+5904VI/2T)	1	039000176	241
3900 R-8/VG5T	(C39 R/8+5904VG/5T)	1	039000186	271



## C39T - 3900T

portable tool chest  
with four drawers

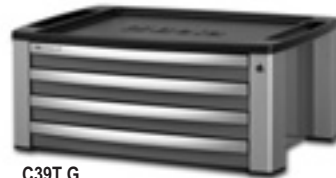
Main features:

- Four drawers (588x367 mm) with ball bearing slides:
- 4 drawers, 70 mm high
- Front centralized safety lock.
- Load capacity of one drawer: 15 kg
- Uprights and drawer front made of aluminium.

37 kg



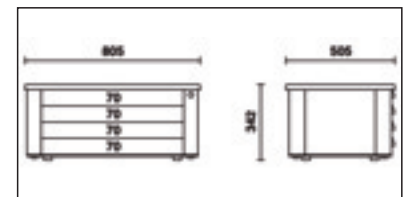
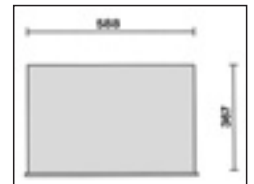
C39T O



C39T G



C39T R



C39T O	1	039000101
C39T G	1	039000102
C39T R	1	039000103

## C39/PM

small tool panel for item C39

7,1 Kg



C39/PM	1	039000530
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## C39/PU

tool panel for item C39

4 Kg



C39/PU	1	039000529
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## C39SM - 3939SM

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)



C39SM O

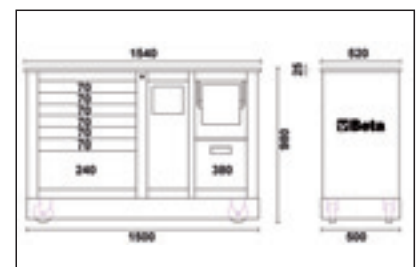
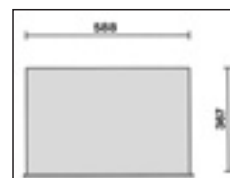
125 kg



C39SM R



C39SM G



Model	Quantity	Accessories	Price
C39SM O	1	039390001	
3939 SM-O/VG1T (C39SM-O+5904VG/1T)	1	039390201	267
C39SM G	1	039390002	
3939 SM-G/VG1T (C39 SM-G+5904VG/1T)	1	039390202	267
C39SM R	1	039390003	
3939 SM-R/VG1T (C39 SM-R+5904VG/1T)	1	039390203	267

## C39MD - 3939MD

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

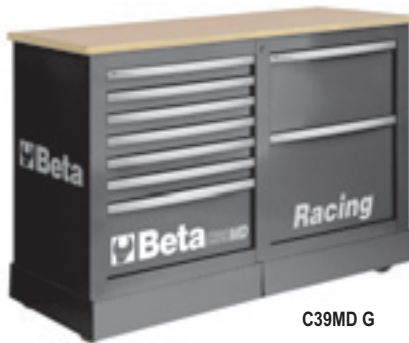
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Opening system throughout length of drawers
- Drawer front made of aluminium



C39MD O



C39MD R

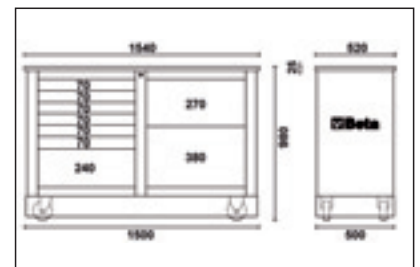
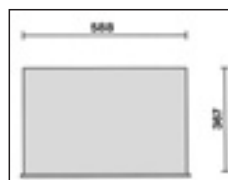


C39MD G



123 kg

Model	Qty	Part No.	Price
C39MD O	1	039390101	
3939 MD-O/VG1T (C39 MD-O+5904VG/1T)	1	039390251	267
C39MD G	1	039390102	
3939 MD-G/VG1T (C39 MD-G+5904VG/1T)	1	039390252	267
C39MD R	1	039390103	
3939 MD-R/VG1T (C39 MD-R+5904VG/1T)	1	039390253	267





## C41S - 4100S

two-module tool trolley

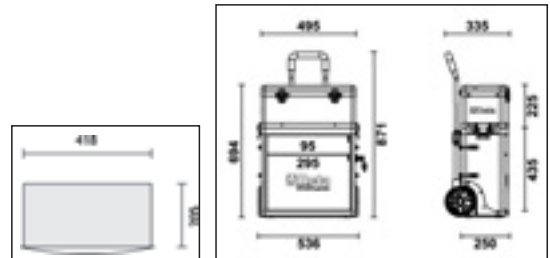
Main features:

- 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

16 kg



C41S	1	041000001	
4100S/VU3 (C41S+5915VU/3)	1	041000083	252
4100S/M2 (C41S+5940/M2)	1	041000084	278



## C41H - 4100H

two-module tool trolley

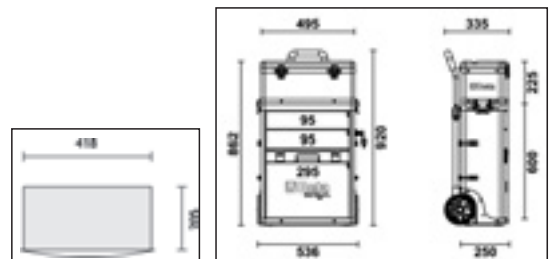
Main features:

- 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

21 kg



C41H	1	041000002	
4100H/VU3 (C41H+5915VU/3)	1	041000093	252
4100H/M2 (C41H+5940/M2)	1	041000094	278



## C41MS

upper module  
with built-in small tool holder

3 kg



495x250x225 mm

C41MS

1 041000904

## C41H/CE

tool chest  
with removable partitions for small tools,  
made from plastic material

1,3 kg



C41H/CE

1 041000916

## C49

mobile 2-door cabinet

- 2 large interior shelves
- Front lock
- 4 castors, Ø 125 mm: 2 fixed and 2 steering (one with brake)

37,5 kg



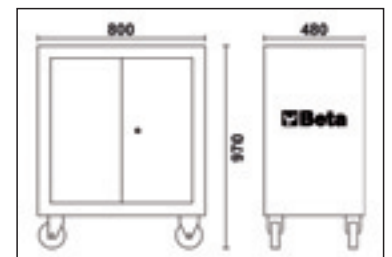
C49 O



C49 G



C49 R



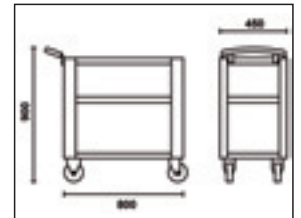
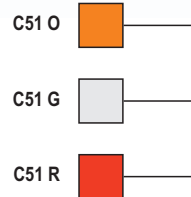
C49 O	1	049000001
C49 G	1	049000002
C49 R	1	049000003



## 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



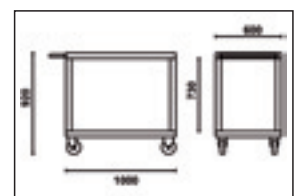
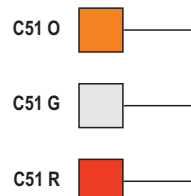
		
C51/O	1	051000001
C51/G	1	051000002
C51/R	1	051000003

## CP52

### sturdy trolley

- Welded sheet metal frame
- Reinforced top
- 4 castors, Ø 125 mm: 2 fixed and 2 steering (one with brake)

📦 29 kg



		
CP52 O	1	052000501
CP52 G	1	052000502
CP52 R	1	052000503



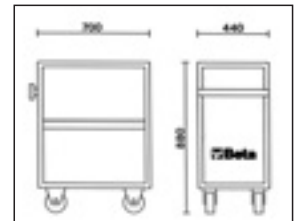
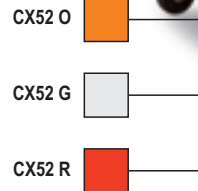
## CX52

### NewTeam trolley

#### Main features:

- Upper worktop designed to perfectly match NewCargo cabinets, by means of two screws.
- ABS upper worktop.
- Ribbed rubber tops.
- Four castors 125 mm in ø:  
2 fixed and 2 swivelling (one with brake).
- Paper roll holder item 2499PC and bottle-holder item 2499PF can also be included.
- Static load capacity: 200 kg (distributed between 3 shelves)

📦 27 kg



CX52 O	1	052000001
CX52 G	1	052000002
CX52 R	1	052000003

## C53 - 5300

### CargoEvolution 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.

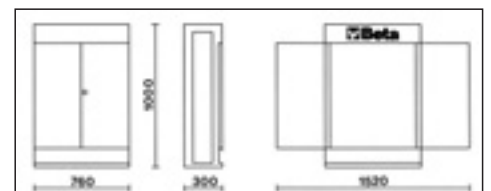
#### Main features:

- 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 or can be fitted onto the C50 Team trolley, by means of two screws.
- Safety lock for both drawers and doors.
- Empty thermoformed tray for 1/2" sockets and accessories
- Models VI and VG have different toolholder assortments.

📦 41 kg



C53	1	053000001	
C53VI	1	053000090	
5300VI	(C53VI+5953VI)	1	053000015 246
C53VG	1	053000095	
5300VG	(C53VG+5953VG)	1	053000025 279



## C54 - 5400

### NewCargo cabinets

Same features as item C53.

- Matches trolley CX52 by means of two screws.
- Empty thermoformed tray for 1/2" sockets and accessories.
- Single-sided doors.
- Models VI and VG have different toolholder assortments.

33 kg

C54 O	1	054000001	
C54VI O	1	054000090	
5400 O/VI (C54VI O+5954VI)	1	054000150	247
C54VG O	1	054000095	
5400 O/VG (C54VG O+5954VG)	1	054000160	280
C54 G	1	054000002	
C54VI G	1	054000092	
5400 G/VI (C54VI G+5954VI)	1	054000152	247
C54VG G	1	054000097	
5400 G/VG (C54VG G+5954VG)	1	054000162	280
C54 R	1	054000003	
C54VI R	1	054000093	
5400 R/VI (C54VI R+5954VI)	1	054000154	247
C54VG R	1	054000098	
5400 R/VG (C54VG R+5954VG)	1	054000164	280



5400 O



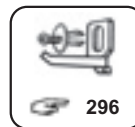
C54 O



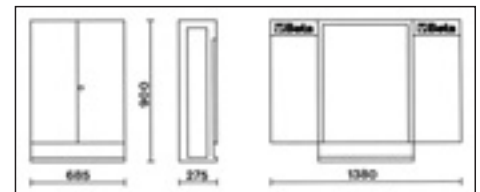
C54 G



C54 R



296



**Beta**

## C57A - 5700A

### MasterCargo workbench

- Model with tool storage board (C57P) and one drawer cabinet.
  - Drawer cabinet: five drawers with ball bearing slides to support heavy loads.
  - Centralized locking system.
- Panel toolholder with two holes on the back for wall mounting.
- Aluminium shutter with safety lock.
  - Three removable perforated panels for tool holding.
  - Worktop made from multi-layered wood with plastic laminate finishing with three holes for a vice 1599F/150, to be ordered separately.

📦 205 kg



C57A O



5700A O

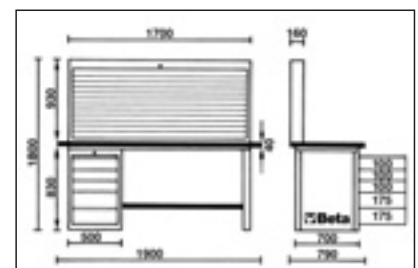


C57A G



C57A R

Model	Accessories	Qty	Part No.	Price
C57A O		1	057000001	
5700A O/VI	(C57A O+5957VI)	1	057000196	248
5700A O/VG	(C57A O+5957VG)	1	057000197	281
C57A G		1	057000201	
5700A G/VI	(C57A G+5957VI)	1	057000396	248
5700A G/VG	(C57A G+5957VG)	1	057000397	281
C57A R		1	057000401	
5700A R/VI	(C57A R+5957VI)	1	057000596	248
5700A R/VG	(C57A R+5957VG)	1	057000597	281





## C57B - 5700B

### MasterCargo workbench

- Model with tool storage board (C57P) and two drawer cabinets.
- Drawer cabinet: five drawers with ball bearing slides to support heavy loads.
- Centralized locking system.
- Panel toolholder with two holes on the back for wall mounting.
- Aluminium shutter with safety lock.
- Three removable perforated panels for tool holding.
- Worktop made from multi-layered wood with plastic laminate finishing with three holes for a vice 1599F/150, to be ordered separately.

📦 243 kg



C57B O



C57B G

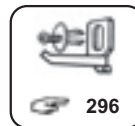
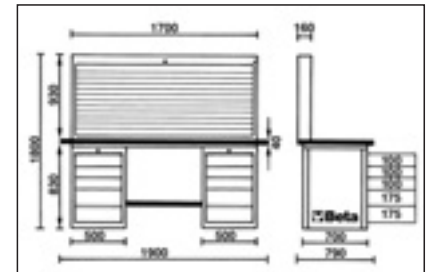


5700B O



C57B R

Model	QTY	Code	Price
C57B O	1	057000002	
5700B O/VI (C57B O+5957VI)	1	057000198	248
5700B O/VG (C57B O+5957VG)	1	057000199	281
C57B G	1	057000202	
5700B G/VI (C57B G+5957VI)	1	057000398	248
5700B G/VG (C57B G+5957VG)	1	057000399	281
C57B R	1	057000402	
5700B R/VI (C57B R+5957VI)	1	057000598	248
5700B R/VG (C57B R+5957VG)	1	057000599	281



## C57C

### MasterCargo workbench

- Model with two drawer cabinets.
- Drawer cabinet: five drawers with ball bearing slides to support heavy loads.
- Centralized locking system.
- Worktop made from multi-layered wood with plastic laminate finishing with three holes for a vice 1599 125/150/165, to be ordered separately.

📦 196 kg



C57C O



C57C G



C57C R

Model	QTY	Code
C57C O	1	057000003
C57C G	1	057000203
C57C R	1	057000403

## C57P - 5700P

panel toolholder Mastercargo

- Panel toolholder with two holes on the back for wall mounting.
- Aluminium shutter with safety lock.
- Three removable perforated panels for tool holding.

46 kg



C57P O

1700 mm

930 mm



C57P G



5700P O/U



C57P R



C57P O		1	057000020	
5700P O/U	(C57P O+5957U)	1	057000195	257
C57P G		1	057000220	
5700P G/U	(C57P G+5957U)	1	057000395	257
C57P R		1	057000420	
5700P R/U	(C57P R+5957U)	1	057000595	257

## 5700LAMP

MasterCargo workbench lamp

- Sturdy sheet metal frame comprising four elements; provided with screws for assembling the lamp.
- Lamp holder with fluorescent tube, 36W.
- Power supply 230V.
- Provided without wire.

9 kg



5700LAMP		1	057000005	
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5700LAMP + 5700A O

## C58A - 5800A

workbench with Basic toolholder

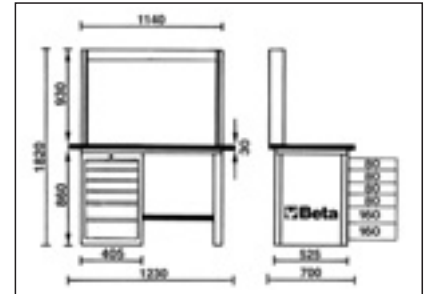
- Drawer cabinet: six drawers on slides with centralized locking system.
- Two fixed perforated panels for arranging the tools.
- Can be fixed to the wall.
- Multi-ply wood worktop with laminated plastic finishing.
- Two holes suitable for a vice 1599F/100 (to be ordered separately).

79 kg



C58A

5800A/U



C58A		1	058000001	
5800A/U	(C58A+5958U)	1	058000191	258

## C58B - 5800B

workbench with BasicPlus toolholder

Drawer cabinet: six drawers on slides with centralized locking system.

The BasicPlus model has same features as the Basic but with a shutter on the panel toolholder.  
Sheet steel frame.

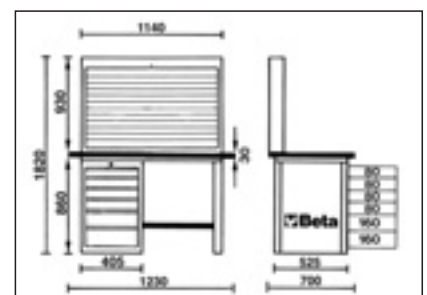
Multi-ply wood worktop with laminated plastic finishing.  
Two holes suitable for a vice 1599F/100 (to be ordered separately).

95 kg



C58B

5800B/U



C58B		1	058000002	
5800B/U	(C58B+5958U)	1	058000192	258



## C58C

workbench

- Can match panel toolholders C58P/A and C58P/B.
- Drawer cabinet: six drawers on slides with centralized locking system.
- Multi-ply wood worktop with laminated plastic finishing.
- Two holes suitable for a vice 1599F/100 (to be ordered separately).



66 kg

C58C

1 058000003

## C58P/A - 5800UP/A

panel toolholder Basic

- Open panel

15 kg



C58P/A

1140 mm

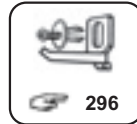
930 mm

C58P/A

1 058000020

5800P/AU (C58P/A+5958U)

1 058000196 258



296



5800UP/A

## C58P/B - 5800UP/B

panel toolholder BasicPlus

- Security locked shutter.

31 kg



C58P/B

1140 mm

930 mm

C58P/B

1 058000021

5800P/BU (C58P/B+5958U)

1 058000197 258



296



5800UP/B

## 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	1	056000201
C56 G	1	056000202
C56 R	1	056000203



## C56M

### workbench

- Worktop made from both slip-proof aluminium sheet and rubber mat.
- Load capacity: kg.800.
- Can match panel toolholder C57P.
- Three drawers with lock.
- Can be fixed to the floor.

95 kg

C56M O	1	056000050
C56M G	1	056000053
C56M R	1	056000054



## C58M

### workbench

- Metal worktop fully covered with a removable antislip rubber mat.
- Lower shelf made from solid wood.
- Static load capacity: 2 t.
- Can match panel tool holder C58P; cannot be fixed to the worktop.
- 2 drawers with locks.
- Can be fixed to the floor.
- Aluminium worktop item C58M/PA available on request.

65 kg

C58M O	1	058000300
C58M G	1	058000302
C58M R	1	058000303



## C58M/PA

### knurled aluminium worktop for workbench item C58M

4,5 kg

C58M/PA	1	058000350
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# Tool assortments for storage units

## ATTENTION!







Many of the assortments on the next few pages have undergone

the following changes:







- introduction of new tools
- rationalisation of tools.

Therefore, we recommend you thoroughly examine assortments and take a look at the features of the reference item.







### For industrial maintenance

Beta N.	N° of pieces				Beta N.	N° of pieces			
5902VI	105	1	059020041	239	5908VI/2T	232	1	059080105	244
5904VI/1T	98	1	059040161	240	5910VI/3	303	1	059100052	245
5904VI/2T	145	1	059040162	241	5953VI	137	1	059530075	246
5904VI/3	172	1	059040166	242	5954VI	115	1	059540075	247
5908VI/1	195	1	059080100	243	5957VI	165	1	059570027	248







### For universal maintenance

Beta N.	N° of pieces				Beta N.	N° of pieces			
5915VU/0	35	1	059150120	249	5915VU/AS	71	1	059150131	254
5915VU/1	45	1	059150124	250	5923VU/1T	86	1	059230102	255
5915VU/2	49	1	059150127	251	5938U/2	159	1	059380061	256
5915VU/3	75	1	059150126	252	5957U	132	1	059570026	257
5915VU/4	80	1	059150145	253	5958U	86	1	059580024	258




### For electronic, electrotechnical and plumbing maintenance

Beta N.	N° of pieces				Beta N.	N° of pieces			
5980ET/A	58	1	059800231	259	5980EL/A	57	1	059800239	262
5980ET/B	67	1	059800233	260	5980EL/B	98	1	059800240	263
5980BG/MQ	44	1	059800224	261	5980ID	35	1	059800321	264

### For car repair, earth moving machinery

Beta N.	N° of pieces				Beta N.	N° of pieces			
5902MT	106	1	059020043	265	5905VG/1	94	1	059050157	273
5902MT/AS	99	1	059020044	266	5905VG/2	118	1	059050143	274
5904VG/1T	90	1	059040194	267	5908VG/1	171	1	059080110	275
5904VG/2T	99	1	059040191	268	5908VG/2	208	1	059080115	276
5904VG/3	132	1	059040192	269	5910VG/3	318	1	059100057	277
5904VG/4T	135	1	059040195	270	5953VG	147	1	059530085	279
5904VG/5T	153	1	059040196	271	5954VG	138	1	059540085	280
5905VG/0	91	1	059050162	272	5957VG	189	1	059570028	281

### For motorcycle repairs

Beta N.	N° of pieces			
5940M2	139	1	059400061	278



# 5902VI

Assortment of 105 tools

## Industrial maintenance



19.5 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
4 pin punches Ø 3 - 4 - 5 - 8 mm	31	1 compound leverage shears, straight blades 250 mm	1122
1 centre punch Ø 3 mm	32	1 electrician's scissors, straight blades	1128BMX
1 flat chisels, ribbed type 200 mm	35	1 half-round needle nose pliers 180 mm	1150BM
26 combination wrenches 6+32 mm	42/S26	1 screwdrivers for slotted head screws 160 mm	1166BM
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm	55/S12	8 screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	4 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1 adjustable wrench 300 mm	111	1 engineer's hammer 500 g	1370
13 1/2" square drive bi-hex sockets with rail 10+22 mm	920B/SB13	1 dead blow hammer Ø 40 mm	1392
1 1/2" drive extension bar 125 mm	920/21	1 engineer's scriber	1688A
1 1/2" drive extension bar 255 mm	920/22	1 measuring tape 5 m	1692
1 1/2" drive universal joint	920/25	1 metric feeler gauge	1708/20
1 1/2" drive sliding T-handle	920/42	5 second cut files 200 mm	1719BMA/S5
1 1/2" drive reversible ratchet	920/55	1 hacksaw frame, aluminium handle	1726BM
1 slip joint pliers 250 mm	1048	1 metal oil can 300 cc	1751
1 self-locking pliers 240 mm	1052	1 snap-off blade utility knife	1771BM
1 heavy duty diagonal cutting nippers 160 mm	1084BM	1 magnetic LED lamp, articulated	1837

<b>5902VI</b> 059020041	<b>2300S-O/VI</b> (C23S-O+5902VI) 023000451	<b>2300SC-G/VI</b> (C23SC G+5902VI) 023000482
<b>2200S-O/VI</b> (C22S-O+5902VI) 022000421	<b>2300S-G/VI</b> (C23S-G+5902VI) 023000452	<b>2300SC-R/VI</b> (C23SC R+5902VI) 023000483
<b>2200S-G/VI</b> (C22S-G+5902VI) 022000422	<b>2300S-R/VI</b> (C23S-R+5902VI) 023000453	<b>2500/VI1</b> (C25+5902VI) 025000079
<b>2200S-R/VI</b> (C22S-R+5902VI) 022000423	<b>2300SC-O/VI</b> (C23SC O+5902VI) 023000481	

# 5904VI/1T

Assortment of 98 tools

## Industrial maintenance



T80 T15 T16



T153 T131 T145 T236



T234 T33 T208 T68

14.5 kg

**Quantity/Description**

2 flat chisels, ribbed type 100 - 200 mm	Beta N. 35
21 combination wrenches 6+22 - 24 - 27 - 30 - 32 mm	42
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
19 1/2" square drive hexagon sockets 10+24 - 26 - 27 - 30 - 32 mm	920A
5 1/2" drive, socket drivers for hexagon screws 5 - 6 - 8 - 10 - 12 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 sliding T-handle	920/42
1 1/2" drive reversible ratchet	920/55
6 T-handle wrenches with hexagon male ends 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
1 circlip pliers straight, internal 180 mm	1032

**Quantity/Description**

1 circlip pliers bent, internal 170 mm	Beta N. 1034
1 circlip pliers straight, external 175 mm	1036
1 circlip pliers bent, external 175 mm	1038
1 slip joint pliers 250 mm	1048
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers 160 mm	1084BM
1 half-round needle nose pliers 180 mm	1150BM
1 screwdrivers for slotted head screws 160 mm	1166BM
4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260
3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
5 second cut files 200 mm	1719BMA/S5

<b>5904VI/1T</b>	059040161	<b>2400S5-G/VI1T</b> (C24S5/G+5904VI/1T)	024002505	<b>3900 O-6/VI1T</b> (C39 O/6+5904VI/1T)	039000114
<b>2300ST-O/VI1T</b> (C23ST O+5904VI/1T)	023000671	<b>2400S5-R/VI1T</b> (C24S5/R+5904VI/1T)	024002506	<b>3900 G-6/VI1T</b> (C39 G/6+5904VI/1T)	039000115
<b>2300ST-G/VI1T</b> (C23ST G+5904VI/1T)	023000672	<b>2400S6-O/VI1T</b> (C24S6/O+5904VI/1T)	024002614	<b>3900 R-6/VI1T</b> (C39 R/6+5904VI/1T)	039000116
<b>2300ST-R/VI1T</b> (C23ST R+5904VI/1T)	023000673	<b>2400S6-G/VI1T</b> (C24S6/G+5904VI/1T)	024002615		
<b>2400S5-O/VI1T</b> (C24S5/O+5904VI/1T)	024002504	<b>2400S6-R/VI1T</b> (C24S6/R+5904VI/1T)	024002616		

# 5904VI/2T

Assortment of 145 tools

## Industrial maintenance



T15 T16 T80



T153 T236 T281 T234



T131 T145 T31



T199 T202 T91 T68



VP5 T285

22 kg

**Quantity/Description**

**Beta N.**

**Quantity/Description**

**Beta N.**

5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	1	circlip pliers straight, external 175 mm	1036
1	centre punch Ø 4 mm	32	1	circlip pliers bent, external 175 mm	1038
2	flat chisels, ribbed type 100 - 200 mm	35	1	slip joint pliers 250 mm	1048
21	combination wrenches 6+22 - 24 - 27 - 30 - 32 mm	42	1	self - locking pliers 240 mm	1052
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17	55	1	heavy duty diagonal cutting nippers 160 mm	1084BM
	18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm		1	tin snips 250 mm	1112
9	offset hexagon key wrenches	96N/SC9	1	electrician's scissors, straight blades	1128BM
	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm		1	half-round needle nose pliers 180 mm	1150BM
13	1/4" hexagon sockets 4+14 mm	900	1	screwdrivers for slotted head screws 160 mm	1166BM
6	1/4" socket drivers for hexagon screws 2,5+8 mm	900ME	7	screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 3,5x100 -	1260
1	1/4" drive extension bar 50 mm	900/20		4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	
1	1/4" drive extension bar 150 mm	900/21	6	screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 -	1262
1	1/4" drive universal joint	900/25		PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	
1	1/4" drive spinner handle	900BG/30	1	engineer's hammer 300 g	1370
1	1/4" drive swivel T-handle	900/42	1	soft face hammer Ø 35 mm	1390
1	1/4" reversible ratchet	900/55	5	second cut files 200 mm	1719BMA/S5
19	1/2" square drive hexagon sockets	920A	1	hacksaw frame, aluminium handle	1726
	10+24 - 26 - 27 - 30 - 32 mm		5	blades for hacksaw	1728BM
5	1/2" drive, socket drivers for hexagon screws	920ME	1	riveting pliers	1741B
	5 - 6 - 8 - 10 - 12 mm		100	aluminium rivets 2,9x6 mm	1741RV...K
1	1/2" drive extension bar 125 mm	920/21	100	aluminium rivets 3,2x8 mm	1741RV...K
1	1/2" drive extension bar 255 mm	920/22	100	aluminium rivets 3,8x10 mm	1741RV...K
1	1/2" drive universal joint	920/25	100	aluminium rivets 4x12 mm	1741RV...K
1	1/2" drive sliding T-handle	920/42	100	aluminium rivets 4,8x12 mm	1741RV...K
1	1/2" drive reversible ratchet	920/55	1	plastic oil can 200 cc	1753
6	T-handle wrenches with hexagon male ends	951	1	empty thermoformed tray	VP5
	2,5 - 3 - 4 - 5 - 6 - 8 mm				
1	circlip pliers straight, internal 180 mm	1032			
1	circlip pliers bent, internal 170 mm	1034			

	<b>5904VI/2T</b>	059040162		<b>2400SA7-R/VI2T</b> (C24SA7/R+5904VI/2T)	024002709		<b>3900 R-7/VI2T</b> (C39 R/7+5904VI/2T)	039000136
	<b>2400S7-O/VI2T</b> (C24S7/O+5904VI/2T)	024002704		<b>2400S8-O/VI2T</b> (C24S8/O+5904VI/2T)	024002804		<b>3900 O-8/VI2T</b> (C39 O/8+5904VI/2T)	039000174
	<b>2400S7-G/VI2T</b> (C24S7/G+5904VI/2T)	024002705		<b>2400S8-G/VI2T</b> (C24S8/G+5904VI/2T)	024002805		<b>3900 G-8/VI2T</b> (C39 G/8+5904VI/2T)	039000175
	<b>2400S7-R/VI2T</b> (C24S7/R+5904VI/2T)	024002706		<b>2400S8-R/VI2T</b> (C24S8/R+5904VI/2T)	024002806		<b>3900 R-8/VI2T</b> (C39 R/8+5904VI/2T)	039000176
	<b>2400SA7-O/VI2T</b> (C24SA7/O+5904VI/2T)	024002707		<b>3900 O-7/VI2T</b> (C39 O/7+5904VI/2T)	039000134			
	<b>2400SA7-G/VI2T</b> (C24SA7/G+5904VI/2T)	024002708		<b>3900 G-7/VI2T</b> (C39 G/7+5904VI/2T)	039000135			



# 5904VI/3

Assortment of 172 tools

## Industrial maintenance



26 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6	1 circlip pliers bent, external 175 mm	1038
1 centre punch Ø 4 mm	32	1 slip joint pliers 250 mm	1048
2 flat chisels, ribbed type 125 - 250 mm	35	1 self locking pliers, double adjustment	1051
1 cape chisel, ribbed type 150 mm	37	1 heavy duty diagonal cutting nippers 160 mm	1084BM
26 combination wrenches 6+32 mm	42/S26	1 toggle lever assisted end cutting nippers 180 mm	1092V
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17	55/S13	1 compound leverage shears, straight blades 250 mm	1122
18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm		1 electrician's scissors, straight blades	1128BMX
10 offset hexagon key wrenches	96N/B10	1 half-round needle nose pliers 180 mm	1150BM
1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 mm		1 bent needle nose pliers 160 mm	1168BM
1 adjustable wrench 250 mm	111	4 screwdrivers for cross head Phillips® screws 5,5x100 - 6,5x150 - 8x200 - 10x200 mm	1260
13 1/2" square drive bi-hex sockets with rail 10+22 mm	920B/SB13	4 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262/S4
8 1/2" square drive bi-hex sockets with rail 23+32 mm	920B/SB8	4 screwdrivers for headless slotted screws 2,5x60 - 3x100 - 4x100 - 5x125 mm	1264
7 1/2" drive, socket drivers for hexagon screws 5+17 mm	920ME/SB7	13 drivers for Torx® head screws T6+T45	1267TX/S13
1 1/2" drive extension bar 125 mm	920/21	1 engineer's hammer 500 g	1370
1 1/2" drive extension bar 255 mm	920/22	1 soft face hammer Ø 45 mm	1390
1 1/2" drive universal joint	920/25	1 vernier caliper	1650
1 1/2" drive swivel T-handle	920/40	1 semirigid stainless steel rule 300 mm	1683
1 1/2" drive sliding T-handle	920/42	1 engineer's scriber	1688A
1 1/2" drive push-through square ratchet	920/50	1 measuring tape 5 m	1692
8 double ended bi-hex tubular socket wrenches 6x7+20x22 mm	930/S8	1 metric feeler gauge	1708/20
14 T-handle wrenches with hexagon male ends 2+14 mm	951/S14	1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 straight, flat nose pliers 160 mm	1008BM	5 second cut files 200 mm	1719BMA/S5
2 circlip pliers straight, internal 180 - 225 mm	1032	1 hacksaw frame, aluminium handle	1726BM
1 circlip pliers bent, internal 170 mm	1034	1 metal oil can 300 cc	1751
2 circlip pliers straight, external 175 - 225 mm	1036	1 magnetic LED lamp, articulated	1837

5904VI/3	059040166	2400S7-O/V13 (C24S7/O+5904VI/3)	024002714	2400SA7-G/V13 (C24SA7/G+5904VI/3)	024002718
2400SL-O/V13 (C24SL/O+5904VI/3)	024002404	2400S7-G/V13 (C24S7/G+5904VI/3)	024002715	2400SA7-R/V13 (C24SA7/R+5904VI/3)	024002719
2400SL-G/V13 (C24SL/G+5904VI/3)	024002405	2400S7-R/V13 (C24S7/R+5904VI/3)	024002716		
2400SL-R/V13 (C24SL/R+5904VI/3)	024002406	2400SA7-O/V13 (C24SA7/O+5904VI/3)	024002717		

Industrial maintenance



56 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6	3 circlip pliers bent, external 135x1,3 - 175 - 220 mm	1038
1 centre punch Ø 4 mm	32	2 slip joint pliers 240 - 300 mm	1048
2 flat chisels, ribbed type 125 - 250 mm	35	1 self locking pliers, double adjustment	1051
1 cape chisel, ribbed type 200 mm	37	1 heavy duty diagonal cutting nippers 160 mm	1084BM
30 combination wrenches 6+32 - 35 - 36 - 38 - 41 mm	42	1 toggle lever assisted end cutting nippers 180 mm	1092V
14 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17	55	1 compound leverage shears, straight blades 250 mm	1122
18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm		1 electrician's scissors, straight blades	1128BMX
13 double ended offset ring wrenches	90	1 half-round needle nose pliers 180 mm	1150BM
6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19		1 bent needle nose pliers 160 mm	1168BM
20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm		11 screwdrivers for cross head Phillips® screws	1260
10 offset hexagon key wrenches 1,5+12 mm	96N/B10	2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 5,5x150	
4 offset hexagon key wrenches 13 - 14 - 17 - 19 mm	96N	6,5x100 - 6,5x150 - 8x150 - 10x200 - 12x250 mm	
1 adjustable wrench 250 mm	111	5 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 - PH3x150 - PH4x200 mm	1262
13 1/2" square drive bi-hex sockets	920B/SB13	2 screwdriver for slotted head screws,	1260N
with rail 10+22 mm		extra-short series 4x30 - 6,5x30 mm	
8 1/2" square drive bi-hex sockets	920B/SB8	2 screwdrivers for cross head Phillips® screws,	1262N
with rail 23+32 mm		extra - short series PH1x30 - PH2x30 mm	
7 1/2" drive, socket drivers for hexagon screws	920ME/SB7	2 engineer's hammer 300 - 600 g	1370
5 - 6 - 8 - 10 - 12 - 14 - 17 mm		2 soft face hammer Ø 35 - 60 mm	1390
1 1/2" drive extension bar 125 mm	920/21	1 two - leg universal puller 25+130 mm	1500N/2
1 1/2" drive extension bar 255 mm	920/22	1 two - leg universal puller 80+250 mm	1500N/5
1 1/2" drive universal joint	920/25	1 vernier caliper	1650
1 1/2" drive swivel T-handle	920/40	1 semirigid stainless steel rule 300 mm	1683
1 1/2" drive sliding T-handle	920/42	1 engineer's scriber	1688A
1 1/2" drive push-through square ratchet	920/50	1 measuring tape 5 m	1692
12 double ended hexagon/bi - hex offset socket wrenches	932	1 metric feeler gauge	1708/13
8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm		1 flexible magnetic pick-up tool 1,8 kg	1712E/2
5 T handle wrenches with swivelling hexagon male ends	953	5 second cut files 200 mm	1719BMA/S5
3 - 4 - 5 - 6 - 8 mm		1 hacksaw frame, aluminium handle	1726BM
1 straight, flat nose pliers 160 mm	1008BM	1 metal oil can 200 cc	1751
3 circlip pliers straight,	1032	1 magnetic LED lamp, articulated	1837
internal 180 - 225 - 300 mm			
3 circlip pliers bent,	1034		
internal 170 - 210 - 290 mm			
3 circlip pliers straight, external 140x1,3 - 175 - 225 mm	1036		

5908VI/1

059080100



2800 G/V11  
(C28 G+5908VI/1)

028000315



3000/V11  
(C30+5908VI/1)

030000081



2800 O/V11  
(C28 O+5908VI/1)

028000314



2800 R/V11  
(C28 R+5908VI/1)

028000316



# 5908VI/2T

Assortment of 232 tools

## Industrial maintenance



24,5 kg

**Quantity/Description**

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 100 - 200 mm	35
21 combination wrenches 6÷22 - 24 - 27 - 30 - 32 mm	42
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90
9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
26 coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430
14 fine pitch hand taps M6x0,75 - M8x1 - M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	433
1 adjustable tap wrench M3÷M12	435/1,5
1 adjustable tap wrench M5÷M21	435/3
1 reversible ratcheting tap wrench 2,0÷5,0 mm (M3÷M8)	436/1
1 reversible ratcheting tap wrench 4,6÷8,0 mm (M5÷M12)	436/2
7 round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440
6 round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A
2 round dies, fine pitch M6x0,75 - M8x0,75	441
5 round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A
1 die stock 25,4 mm	444/1
1 die stock 38,1 mm	444/2
13 1/4" hexagon sockets 4÷14 mm	900
6 1/4" socket drivers for hexagon screws 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME
1 1/4" drive extension bar 50 mm	900/20
1 1/4" drive extension bar 150 mm	900/21
1 1/4" drive universal joint	900/25
1 1/4" drive spinner handle	900BG/30
1 1/4" drive swivel T-handle	900/42
1 1/4" reversible ratchet	900/55
19 1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 30 - 32 mm	920A
5 1/2" drive, socket drivers for hexagon screws 5 - 6 - 8 - 10 - 12 mm	920ME
1 1/2" drive extension bar 125 mm	920/21

**Quantity/Description**

Quantity/Description	Beta N.
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
6 T-handle wrenches with hexagon male ends 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
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 250 mm	1048
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers 160 mm	1084BM
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BM
1 half-round needle nose pliers 180 mm	1150BM
1 screwdrivers for slotted head screws 160 mm 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 8x200 - 10x200 mm	1166BM
10 screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 8x200 - 10x200 mm	1260
8 screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 - PH4x200 mm	1262
2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1260N
2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm	1262N
1 engineer's hammer 300 g	1370
1 soft face hammer Ø 35 mm	1390
1 screw pitch gauge 0,25÷6 W 62÷4x1"	1707
5 second cut files 200 mm	1719BMA/S5
1 hacksaw frame, aluminium handle	1726
5 blades for hacksaw	1728BM
1 riveting pliers 250 mm	1741B
100 aluminium rivets 2,9x6 mm	1741RV...K
100 aluminium rivets 3,2x8 mm	1741RV...K
100 aluminium rivets 3,8x10 mm	1741RV...K
100 aluminium rivets 4x12 mm	1741RV...K
100 aluminium rivets 4,8x12 mm	1741RV...K
1 plastic oil can 200 cc	1753
1 empty thermoformed tray	VP5

5908VI/2T

059080105

2800 G/VI2T

(C28 G+5908VI/2T)

028000325

2800 O/VI2T

(C28 O+5908VI/2T)

028000324

2800 R/VI2T

(C28 R+5908VI/2T)

028000326



# 5910VI/3

Assortment of 300 tools

## Industrial maintenance



74 kg

5910VI/3

059100052



3000/VI3

(C30+5910VI/3)

030000092

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6
1 centre punch Ø 4 mm	32
2 flat chisels, ribbed type 125 - 250 mm	35
1 cape chisel, ribbed type 200 mm	37
4 combination wrenches 35 - 36 - 38 - 41 mm	42
26 combination wrenches 6÷32 mm	42/S26
1 double open end wrenches 36x41 mm	55
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55/S13
13 double ended offset ring wrenches 6x7÷30x32 mm	90/S13
4 offset hexagon key wrenches 13 - 14 - 17 - 19 mm	96N
10 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 mm	96N/B10
1 adjustable wrench 250 mm	111
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 click type torque wrench 1/2", 40÷200 Nm	606/20
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" drive, socket drivers for hexagon screws 10 - 12 - 14 - 17 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 push-through square ratchet	920/50
16 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 3 - 4 - 5 - 6 - 8 mm	953
1 straight, flat nose pliers 160 mm	1008BM
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 240 - 300 mm	1048
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 300 mm	1112
1 tin snip, straight narrow blades 250 mm	1114
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers 180 mm	1150BM
1 bent needle nose pliers 160 mm	1168BM
12 screwdrivers for cross head Phillips® screws 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x100 - 6,5x150 - 8x150 - 8x200 - 10x200 - 12x250 mm	1260
2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1260N
9 screwdrivers for cross head Phillips® screws PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 - PH4x200 mm	1262
2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm	1262N
2 screwdrivers for cross head Phillips® screws, 1000V PH1x80 - PH2x100 mm	1272MQ
3 screwdrivers for headless slotted screws, 1000V 3x100 - 4x100 - 5,5x125 mm	1274MQ
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 25÷130 mm	1500/2
1 two - leg universal puller 80÷250 mm	1500/5
1 vernier calliper	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	1719BMA/S5
1 hacksaw frame, aluminium handle	1726BM
1 riveting pliers	1741B
1 metal oil can 200 cc	1751

# 5953VI

Assortment of 137 tools

## Industrial maintenance



22.5 kg

**Quantity/Description**

- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 200 - 250 mm
- 18 combination wrenches  
6÷14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17  
18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 12 offset hexagon key wrenches 2+10 mm
- 1 adjustable wrench 250 mm
- 1 pipe wrench Swedish pattern 320 mm
- 20 1/2" square drive bi - hex sockets  
10÷24 - 26 - 27 - 28 - 30 - 32 mm
- 6 1/2" drive, socket drivers for hexagon screws  
5 - 6 - 8 - 10 - 12 - 14 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 swivel T-handle
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 6 T-handle wrenches with hexagon male ends  
2,5 - 3 - 4 - 5 - 6 - 8 mm
- 2 circlip pliers straight,  
internal 140 - 180 mm
- 1 circlip pliers bent,  
internal 170 mm
- 2 circlip pliers straight,  
external 140x1,3 - 175 mm
- 1 circlip pliers bent, external 175 mm

**Beta N.**

- 31
- 32
- 35
- 42
- 55
- 96/SC12
- 111
- 374
- 920B
- 920ME
- 920/21
- 920/22
- 920/25
- 920/40
- 920/42
- 920/55
- 951
- 1032
- 1034
- 1036
- 1038

**Quantity/Description**

- 1 slip joint pliers 240 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 toggle lever assisted end cutting nippers 180 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 1 mains testing screwdriver
- 9 screwdrivers for cross head Phillips® screws  
3X75 - 3,5X100 - 4x100 - 5,5x100 - 5,5X150 - 6,5X150  
8X150 - 10X200 - 12x250 mm
- 2 screwdriver for slotted head screws, extra-short series  
4x30 - 6,5x30 mm
- 8 screwdrivers for cross head Phillips® screws  
PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x1000  
PH2x150 - PH3x150 -PH4X200 mm
- 2 screwdrivers for cross head Phillips® screws,  
extra - short series PH1x30 - PH2x30 mm
- 2 engineer's hammer 300 - 500 g
- 1 soft face hammer Ø 45 mm
- 1 flexible magnetic pick-up tool 0,5 kg
- 5 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 plastic oil can 250 cc

**Beta N.**

- 1048
- 1052
- 1084BM
- 1092V
- 1112
- 1128BMX
- 1150BM
- 1166BM
- 1253
- 1260
- 1260N
- 1262
- 1262N
- 1370
- 1390
- 1712E/1
- 1719BMA/S5
- 1726BM
- 1754

5953VI

059530075



5300VI  
(C53VI+5953VI)

053000015



# 5954VI

Assortment of 115 tools

## Industrial maintenance



17 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
2 drift punches Ø 2 - 3 mm	30	1 diagonal cutting nippers 160 mm	1082BM
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	1 tin snips 250 mm	1112
1 centre punch Ø 4 mm	32	1 electrician's scissors, straight blades	1128BMX
1 flat chisels 150 mm	34	1 half-round needle nose pliers 180 mm	1150BM
1 cape chisels, standard type 150 mm	36	1 screwdrivers for slotted head screws 160 mm	1166BM
18 combination wrenches 6+22 - 24 mm	42	1 bent needle nose pliers 200 mm	1168BM
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	55/S12X	5 screwdrivers for cross head Phillips® screws 3x75 - 4x125 - 5,5x125 - 6,5x150 - 10x200 mm	1260
12 offset hexagon key wrenches 2+10 mm	96/SC-12	1 screwdriver for slotted head screws, extra-short series 4x30 mm	1260N
1 adjustable wrench 250 mm	111	3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262
20 1/2" square drive hexagon sockets 10+24 - 26 - 27 - 28 - 30 - 32 mm	920A	1 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 mm	1262N
1 1/2" drive extension bar 125 mm	920/21	1 engineer's hammer 400 g	1370
1 1/2" drive extension bar 255 mm	920/22	1 dead blow hammer Ø 35 mm	1392
1 1/2" drive universal joint	920/25	1 puller with floating legs	1515/3
1 1/2" drive sliding T-handle	920/42	1 crimping pliers for insulated terminals	1602
1 1/2" drive reversible ratchet	920/55	1 measuring tape 5 m	1692
1 circlip pliers straight, internal 180 mm	1032	1 metric feeler gauge	1708/20
1 circlip pliers bent, internal 170 mm	1034	1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 circlip pliers straight, external 175 mm	1036	5 second cut files 200 mm	1719BMA/S5
1 circlip pliers bent, external 175 mm	1038	1 hacksaw frame, aluminium handle	1726BM
1 slip joint pliers 250 mm	1048	1 riveting pliers	1741B
1 self - locking pliers 240 mm	1052	1 plastic oil can 250 cc	1754

5954VI

059540075



5400 G/VI

(C54VI G+5954VI)

054000152



5400 O/VI

(C54VI O+5954VI)

054000150



5400 R/VI

(C54VI R+5954VI)

054000154



# 5957VI

Assortment of 165 tools

## Industrial maintenance



32 kg

**Quantity/Description**

**Beta N.**

**Quantity/Description**

**Beta N.**

1	assortment of 132 tools	5957U	1	self - locking pliers 280 mm	1060
2	flat chisels, ribbed type 200 - 250 mm	35	1	self - locking pliers 290 mm	1062
1	cape chisel, ribbed type 200 mm	37	1	engineer's hammer 1000 g	1370
6	offset hexagon key wrenches, with high torque handles 2+6 mm	96T/S6	1	dead blow hammer Ø 50 mm	1392
10	double ended hexagon/bi - hex offset socket wrenches	932	1	two - leg universal puller 25+130 mm	1500N/2
	8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm		1	vernier caliper	1650
1	circlip pliers straight, internal 140 mm	1032	1	semirigid stainless steel rule 300 mm	1683
1	circlip pliers bent, internal 130 mm	1034	1	engineer's scriber	1688A
1	circlip pliers straight, external 140x1,3 mm	1036	1	metric feeler gauge	1708/13
1	circlip pliers bent, external 135x1,3 mm	1038	1	fold - away knife	1777BM

	<b>5957VI</b>	059570027		<b>5700A G/VI</b> (C57A G+5957VI)	057000396		<b>5700B R/VI</b> (C57B R+5957VI)	057000598
	<b>5700A O/VI</b> (C57A O+5957VI)	057000196		<b>5700B G/VI</b> (C57B G+5957VI)	057000398			
	<b>5700B O/VI</b> (C57B O+5957VI)	057000198		<b>5700A R/VI</b> (C57A R+5957VI)	057000596			

# 5915VU/0

Assortment of 35 tools

## Universal use



4 kg

**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 1,5-2-2,5-3-4-5-6 mm
- 1 adjustable wrench 150 mm
- 1 slip joint pliers 250 mm
- 1 diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm

**Beta N.**

- 32
- 35
- 55
- 96/BGS7
- 111
- 1048
- 1082
- 1128BMX
- 1150
- 1166

**Quantity/Description**

- 4 screwdrivers for cross head Phillips® screws  
3x75-4x100-5,5x100-6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60-PH1x80-PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 snap - off blade utility knife 18 mm
- 1 car service knife
- 1 high-brightness LED torches, 90 lumen

**Beta N.**

- 1201
- 1202
- 1370
- 1692/3
- 1771
- 1778SOS
- 1834S

5915VU/0

059150120



2105VU/0  
(C5+5915VU/0)

021050120



2106TVU/0  
(C6T+5915VU/0)

021060120

# 5915VU/1

Assortment of 45 tools

## Universal use



5 kg

**Quantity/Description**

**Beta N.**

**Quantity/Description**

**Beta N.**

2	drift punches Ø 2-3 mm	30	1	electrician's scissors, straight blades	1128BMX
1	centre punch Ø 4 mm	32	1	half-round needle nose pliers 180 mm	1150
2	flat chisels 125-150 mm	34	1	screwdrivers for slotted head screws 160 mm	1166
1	cape chisels, standard type 150 mm	36	4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201
14	combination wrenches 6+14 - 17 - 19 - 21 - 22 - 24 mm	42	3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	1	engineer's hammer 300 g	1370
1	adjustable wrench 250 mm	111	1	measuring tape 5 m	1692
1	slip joint pliers 250 mm	1048	1	snap - off blade utility knife	1771
1	diagonal cutting nippers 160 mm	1082			

	<b>5915VU/1</b>	059150124		<b>2115LVU/1</b> (C15L+5915VU/1)	021150131		<b>2110SVU/1</b> (C10S+5915VU/1)	021100101
	<b>2109VU/1</b> (C9+5915VU/1)	021090021		<b>2117PVU/1</b> (CP17+5915VU/1)	021170041		<b>2111VU/1</b> (C11+5915VU/1)	021110101
	<b>2110VU/1</b> (C10+5915VU/1)	021100021		<b>2117PLVU/1</b> (CP17L+5915VU/1)	021170141		<b>2116VU/1</b> (C16+5915VU/1)	021160101
	<b>2115VU/1</b> (C15+5915VU/1)	021150031		<b>2118VU/1</b> (C18+5915VU/1)	021180031			



# 5915VU/2

Assortment of 49 tools

## Universal use



### Quantity/Description

- 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
- 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
- 1 slip joint pliers 250 mm

### Beta N.

- 55/B8
- 96/SC9
- 900
- 900/21
- 900/25
- 900BG/30
- 900/42
- 900/55
- 1048

### Quantity/Description

- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 4 screwdrivers for cross head Phillips® screws  
3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 3 m
- 1 plastic oil bottle 30 cc
- 1 snap - off blade utility knife 18 mm

### Beta N.

- 1128BMX
- 1150
- 1201
- 1202
- 1370
- 1692
- 1755
- 1771

5915VU/2

059150127

2120LVU/2

(C20L+5915VU/2)

021200116

2034VU/2

(2034/VV+5915VU/2)

020340106

2120VU/2

(C20+5915VU/2)

021200016

2014N/VU/2

(2014N/VV+5915VU/2)

020140020

# 5915VU/3

Assortment of 75 tools

## Universal use



8.1 kg

**Quantity/Description**

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6+17 - 19 - 22 - 24 mm
- 9 offset hexagon key wrenches 1,5+10 mm
- 3 offset hexagon key wrenches 4 - 5 - 6 mm
- 1 adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets  
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
- 7 double ended hexagon tubular socket wrenches, light series 6x7 - 8x9 -  
10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm
- 2 tommy bars for tubular wrenches

**Beta N.**

- 31
- 32
- 34
- 42
- 96/SC9
- 96T
- 111
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 935
- 940

**Quantity/Description**

- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws  
3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

**Beta N.**

- 1048V
- 1052
- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1201
- 1202
- 1370
- 1692
- 1726
- 1755
- 1771

5915VU/3	059150126	2117PLVU/3 (CP17L+5915VU/3)	021170143	4100H/VU/3 (C41H+5915VU/3)	041000093
2109VU/3 (C9+5915VU/3)	021090123	2119VU/3 (C19+5915VU/3)	021190023	2110SVU/3 (C10S+5915VU/3)	021100103
2110VU/3 (C10+5915VU/3)	021100023	2119LVU/3 (C19L+5915VU/3)	021190123	2111VU/3 (C11+5915VU/3)	021110103
2115VU/3 (C15+5915VU/3)	021150033	2120VU/3 (C20+5915VU/3)	021200017	2116VU/3 (C16+5915VU/3)	021160103
2115LVU/3 (C15L+5915VU/3)	021150133	2120LVU/3 (C20L+5915VU/3)	021200117		
2117PVU/3 (CP17+5915VU/3)	021170043	4100S/VU/3 (C41S+5915VU/3)	041000083		

# 5915VU/4

Assortment of 80 tools

## Universal use



11.2 kg

### Quantity/Description

- 1 pin punches Ø 4 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 15 combination wrenches 6+17 - 19 - 22 - 24 mm
- 9 offset hexagon key wrenches 1,5+10 mm
- 1 adjustable wrench 250 mm
- 13 1/2" square drive hexagon sockets 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
- 17 double ended hexagon/bi - hex offset socket wrenches 6+22 mm
- 1 slip joint pliers 250 mm

### Beta N.

- 31
- 32
- 34
- 42
- 96/SC9
- 111
- 920A
- 920/22
- 920/25
- 920/42
- 920/55
- 932/S17
- 1048

### Quantity/Description

- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
- 1 riveting hammer 32 mm
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

### Beta N.

- 1052
- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1201
- 1202
- 1370F
- 1692
- 1726
- 1755
- 1771

5915VU/4

059150145

2120VU/4  
(C20+5915VU/4)

021200018

2120LVU/4  
(C20L+5915VU/4)

021200118



# 5915VU/AS

Assortment of 71 tools

## Universal use



**9.3 kg**

**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"
- 11 offset hexagon key wrenches 3/64"+3/8"
- 1 adjustable wrench 250 mm
- 13 1/2" square drive bi - hex sockets □ 1/2", 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 19/32 - 11/16 - 3/4 - 25/32 - 13/16 - 7/8 - 15/16 - 1"
- 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 push-through square ratchet
- 1 slip joint pliers 250 mm

**Beta N.**

- 31
- 32
- 34
- 42AS
- 90AS/8
- 96AS/B11
- 111
- 920AS
- 920/22
- 920/25
- 920/42
- 920/50
- 1048V

**Quantity/Description**

- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 400 g
- 1 measuring tape 5 m
- 1 hacksaw frame, aluminium handle
- 1 plastic oil bottle 150 cc
- 1 snap - off blade utility knife

**Beta N.**

- 1052
- 1084BM
- 1128BMX
- 1150BM
- 1166BM
- 1201
- 1202
- 1370
- 1692
- 1726
- 1755
- 1771

5915VU/AS

059150131

2120VU/AS  
(C20+5915VU/AS)

021200019

2110VU/AS  
(C10+5915VU/AS)

021100025

2120LVU/AS  
(C20L+5915VU/AS)

021200119

# 5923VU/1T

assortment of 86 tools for tool chests C22S, C23S, C23SC

## Universal use



MC10

MC82



MC91

MC220



MC153

MC131

**Quantity/Description**

**Beta N.**

**Quantity/Description**

**Beta N.**

- 16 combination wrenches 6+21 mm
- 9 offset hexagon key wrenches  
1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 13 1/4" hexagon sockets 4+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
- 1 1/4" reversible ratchet
- 19 1/2" square drive hexagon sockets  
10+24 - 26 - 27 -30 -32 mm
- 1 1/2" drive universal joint

- 42
- 96/SC9
- 900
- 900ME
- 900/20
- 900/21
- 900/25
- 900BG/30
- 900/42
- 900/55
- 920A
- 920/25

- 1 1/2" wobble extension bar 125 mm
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 1 slip joint pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws  
3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape 5m

- 920AN/125
- 920/42
- 920/55
- 1048
- 1084BM
- 1150BM
- 1166BM
- 1201
- 1202
- 1370
- 1692

	<b>5923VU/1T</b>	059230102		<b>2300S-O/VU1T</b> (C23S-O+5923VU/1T)	023000441		<b>2300SC-G/VU1T</b> (C23SC G+5923VU/1T)	023000612
	<b>2200S-O/VU1T</b> (C22S-O+5923VU/1T)	022000451		<b>2300S-G/VU1T</b> (C23S-G+5923VU/1T)	023000442		<b>2300SC-R/VU1T</b> (C23SC R+5923VU/1T)	023000613
	<b>2200S-G/VU1T</b> (C22S-G+5923VU/1T)	022000452		<b>2300S-R/VU1T</b> (C23S-R+5923VU/1T)	023000443			
	<b>2200S-R/VU1T</b> (C22S-R+5923VU/1T)	022000453		<b>2300SC-O/VU1T</b> (C23SC O+5923VU/1T)	023000611			

Universal use



18.9 kg

Quantity/Description

1	drift punches Ø 3 mm	30
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 100 - 200 mm	35
17	combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 16 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm	42
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
18	offset hexagon key wrenches 1,5÷10 mm	96/SC9
11	offset hexagon key wrenches 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 mm	96T
17	hexagon hand sockets 3/8" 6÷22 mm	910A
1	extension bar - 3/8" 125 mm	910/21
1	extension bar - 3/8" 250 mm	910/22
1	3/8" drive universal joint	910/25
1	3/8" drive sliding T - handle	910/42
1	3/8" drive reversible ratchet	910/55
19	1/2" square drive hexagon sockets 10 - 11 - 12÷19 - 20 - 21 - 22 23 - 24 - 26 - 27 - 30 - 32 mm	920A
5	1/2" drive, socket drivers for hexagon screws 5 - 6 - 8 - 10 - 12 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 sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
6	T-handle wrenches with hexagon male ends 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
1	circlip pliers straight, internal 180 mm	1032
1	circlip pliers bent, internal 170 mm	1034

Quantity/Description

1	circlip pliers straight, external 175 mm	1036
1	circlip pliers bent, external 175 mm	1038
1	slip joint pliers 240 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers 160 mm	1084BM
1	half-round needle nose pliers 180 mm	1150BM
1	screwdrivers for slotted head screws 160 mm	1166BM
7	screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 3,5x100 - 4x125 5,5x100 - 5,5x150 - 6,5x150 mm	1201
6	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH1x120 PH2x100 - PH2x150 - PH3x150 mm	1202
7	drivers for Torx® head screws, with handles T6 - T7 - T8 - T9 - T10 - T15 - T20	1207TX
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	vernier caliper	1651DGT
1	flexible graduated rule 300 mm	1682
1	measuring tape 5 m	1692
1	measuring tape 5 m	1691BG
5	second cut files 200 mm	1719BMA/S5
1	mini hacksaw frame	1725CR
1	plastic oil bottle	1755
1	snap - off blade utility knife	1771
4	thermoformed trays, empty	VP-3SC
4	thermoformed trays, empty	VP-LD
1	empty thermoformed tray	VP1

5938U/2 059380061

3800 O/U2 038000065  
(C38 O+5938U/2)

3800 G/U2 038000066  
(C38 G+5938U/2)

3800 R/U2 038000067  
(C38 R+5938U/2)



# 5957U

Assortment of 132 tools

## Universal use



21.3 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6	1 slip joint pliers 250 mm	1048
6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6	1 self locking pliers, double adjustment	1051
19 combination wrenches 6+22 - 24 - 27 mm	42	1 heavy duty diagonal cutting nippers 160 mm	1084BM
12 double ended offset ring wrenches 6x7+30x32 mm	90/S12X	1 toggle lever assisted end cutting nippers 180 mm	1092V
12 offset hexagon key wrenches 2+10 mm	96/SC12	1 tin snips 250 mm	1112
1 adjustable wrench 250 mm	111	1 tin snip, straight narrow blades 250 mm	1114
13 1/2" square drive bi-hex sockets with rail 10+22 mm	920B/SB13	1 electrician's scissors, straight blades	1128BMX
8 1/2" square drive bi-hex sockets with rail 23+32 mm	920B/SB8	1 half-round needle nose pliers 180 mm	1150BM
4 1/2" socket drivers for slotted head screws 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP	1 screwdrivers for slotted head screws 160 mm	1166BM
3 1/2" socket drivers for Phillips® screws PH2 - 3 - 4	920PH	1 bent needle nose pliers 200 mm	1168BM
1 1/2" drive extension bar 125 mm	920/21	7 screwdrivers for cross head Phillips® screws 3x75 - 3,5x100 - 4x125	1260
1 1/2" drive extension bar 255 mm	920/22	1 screwdrivers for slotted head screws with hexagon bolsters 12x250 mm	1260E
1 1/2" drive universal joint	920/25	3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262
1 1/2" drive swivel handle	920/35A	2 engineer's hammer 300 - 600 g	1370
1 1/2" drive sliding T-handle	920/42	1 soft face hammer Ø 35 mm	1390
1 1/2" drive reversible ratchet	920/55	1 measuring tape 5 m	1692
1 pry bar	963	1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 bent point tweezers 130 mm	991	1 two cutting edges scraper 200 mm	1717A
1 straight large point tweezers 150 mm	994	1 three - cutting edges scraper 200 mm	1717B
1 circlip pliers straight, internal 180 mm	1032	5 second cut files 200 mm	1719BMA/S5
1 circlip pliers bent, internal 170 mm	1034	1 hacksaw frame, aluminium handle	1725
1 circlip pliers straight, external 175 mm	1036	1 metal oil can 200 cc	1751
1 circlip pliers bent, external 175 mm	1038		

5957U

059570026



5700P G/U  
(C57P G+5957U)

057000395



5700P O/U  
(C57P O+5957U)

057000195



5700P R/U  
(C57P R+5957U)

057000595

# 5958U

Assortment of 86 tools

## Universal use



11.3 kg

### Quantity/Description

18	combination wrenches 5,5+22 mm	Beta N.	42
12	offset hexagon key wrenches 2+10 mm	96N/SC12	
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	
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	circlip pliers straight, internal 180 mm	1032	
1	circlip pliers straight, external 175 mm	1036	
1	slip joint pliers 250 mm	1048	
1	self-locking pliers 240 mm	1052	
1	heavy duty diagonal cutting nippers 160 mm	1084BM	
1	electrician's scissors, straight blades	1128BMX	

### Quantity/Description

1	half-round needle nose pliers 180 mm	Beta N.	1150BM
1	screwdrivers for slotted head screws 160 mm		1166BM
7	screwdrivers for cross head Phillips® screws 3x75 - 3,5x100 - 4x125		1260
	5,5x150 - 6,5x150 - 8x200 - 10x200 mm		
4	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80		1262/S4
	PH2x100 - PH3x150 mm		
1	engineer's hammer 300 g		1370
1	soft face hammer Ø 35 mm		1390
1	measuring tape 5 m		1692
5	second cut files 200 mm		1719BMA/S5
1	hacksaw frame, aluminium handle		1725
1	plastic oil can 150 cc		1754
1	snap-off blade utility knife		1771

5958U

059580024

5800B/U

(C58B+5958U)

058000192

5800P/BU

(C58P/B+5958U)

058000197

5800A/U

(C58A+5958U)

058000191

5800P/AU

(C58P/A+5958U)

058000196

# 5980ET/A

Assortment of 58 tools

## Electrotechnical maintenance



6.8 kg

**Quantity/Description**

- 2 pin punches Ø 4 - 6 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels, ribbed type 125 - 200 mm
- 8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm
- 10 offset hexagon key wrenches 1,5+12 mm
- 1 adjustable wrench 200 mm
- 1 slip joint pliers overlapping rack-type joint PVC-coated handles 240 mm
- 1 diagonal cutting nippers 160 mm
- 1 electrician's scissors, straight blades, with countersink
- 1 cable cutter 170 mm
- 1 wire stripping pliers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 1 bent needle nose pliers 160 mm
- 1 screwholding screwdriver for slotted head screws 4x125 mm
- 1 screwholding screwdriver for cross head Phillips® screws PH1x150 mm
- 1 mains testing screwdriver

**Beta N.**

- 31
- 32
- 35
- 55/B8
- 96/B10
- 111
- 1046
- 1082BM
- 1128BSX
- 1132BM
- 1142BM
- 1150BM
- 1166BM
- 1168BM
- 1250
- 1251
- 1253

**Quantity/Description**

- 4 screwdrivers for cross head Phillips® screws 2,5x75 - 3,5x100 - 5,5x125 - 12x250 mm
- 2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm
- 1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm
- 3 screwdrivers for cross head Phillips® screws, 1000V PH1x80 - PH2x100 - PH3x150 mm
- 4 screwdrivers for headless slotted screws, 1000V 3x100 - 4x100 - 6,5x150 - 8x175 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 crimping pliers for insulated terminals
- 1 friction tape 25 m
- 1 measuring tape 5 m
- 1 second cut files 200 mm
- 1 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 fold - away knife

**Beta N.**

- 1260
- 1260N
- 1262N
- 1272MQ
- 1274MQ
- 1370
- 1390
- 1602
- 1639NS-N
- 1692
- 1719BMA/M
- 1719BMA/R
- 1725
- 1777BM

5980ET/A

059800231

2034ET/A

(2034/VV+5980ET/A)

020340104

2011ET/A

(2011/BV+5980ET/A)

020110117

2032T ET/A

(2032/TV+5980ET/A)

020320207

2032ET/A

(2032/VV+5980ET/A)

020320107



# 5980ET/B

assortment of 67 tools and 200 cable ties

## Electrotechnical maintenance



3.7 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
3 pin punches Ø 2 - 3 - 4 mm	31	1 engineer's hammer 300 g	1370
1 centre punch Ø 4 mm	32	1 soft face hammer Ø 35 mm	1390
1 flat chisels 150 mm	34	1 crimping pliers for insulated terminals	1602
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8	1 flexible graduated rule 250 mm	1682
9 ball head offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96BPC/SC9	1 engineer's scriber 250 mm	1688
1 deburrer 150 mm	345SB	1 measuring tape 5 m	1692
6 hexagon nut spinners with handles 1000V 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ/S6	1 spirit level, made of aluminium 200 mm	1696
1 slip joint pliers 250 mm	1048	1 electrician's chisel 10x200 mm	1701NE/3
1 diagonal cutting nippers 1000V 160 mm	1082MQ	1 chalk line reel	1705
1 electrician's scissors, straight blades, with countersink	1128BSX	1 square flexible inspection mirror 600 mm	1715FL/A
1 cable cutter 230 mm	1132BM	1 second cut files 200 mm	1719BMA/M
1 wire stripping pliers 160 mm	1142BM	1 second cut files 200 mm	1719BMA/R
1 combination pliers 1000V 180 mm	1150MQ	1 spring puller	1723
1 screwdrivers for slotted head screws 160 mm	1166BM	1 hacksaw frame, aluminium handle	1726BM
1 mains testing screwdriver	1253	1 bristle brush	1738
2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm	1260N	1 fitting tool for nylon ties	1743
1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N	1 plastic oil bottle 80 cc	1755
3 screwdrivers for cross head Phillips® screws, 1000V PH0x60 - PH1x80 - PH2x100 mm	1272MQ	100 nylon cable ties 3,6x200 mm	1748/8K
4 screwdrivers for headless slotted screws, 1000V 3x100 - 4x100 - 5,5x125 - 6,5x150 mm	1274MQ	100 nylon cable ties 4,8x300 mm	1748/17K
		1 snap - off blade utility knife	1771BM
		1 soldering iron 30 W	1814M
		1 LED torches	1835/2

**5980ET/B** 059800233

**2011ET/B** 020110119

(2011/BV+5980ET/B)

**2029ET/B** 020290211

(2029/VV+5980ET/B)

**2033ET/B** 020330107

(2033N/VV+5980ET/B)

**2036ET/B** 020360113

(2036/TV+5980ET/B)

**5980BG/MQ**

assortment of 44 tools

**Electrotechnical maintenance**

6.5 kg

**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  
1000V 5,5 - 6 - 7 - 8 - 10 - 13 mm
- 4 T-handle wrenches with hexagon male ends  
4 - 5 - 6 - 8 mm
- 1 bent knurled point spring tweezers,  
1000V 147 mm
- 1 long round nose pliers 160 mm
- 1 diagonal cutting nippers 1000V 160 mm
- 1 electrician's scissors, straight blades
- 1 wire stripping pliers 160 mm
- 1 combination pliers 1000V 180 mm
- 1 extra long needle nose pliers, 1000V, 160 mm

**Beta N.**

- 52MQ
- 110MQ
- 943MQ
- 951MQ
- 993MQ
- 1010MQ
- 1082MQ
- 1128BMX
- 1142MQ
- 1150MQ
- 1166MQ

**Quantity/Description**

- 1 mains testing screwdriver
- 3 screwdrivers for cross head Phillips® screws,  
1000V PH1x80 - PH2x100 - PH3x150 mm
- 5 screwdrivers for headless slotted screws,  
1000V 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm
- 3 screwdrivers for cross head Pozidrive® - Supadriv® screws,  
1000V PZ0 - PZ1 - PZ2
- 1 soft face hammer Ø 35 mm
- 1 inspection mirror
- 1 mini - hacksaw frame, 1000V
- 1 utility knife, 1000V
- 1 soldering iron 30 W
- 1 de - soldering pump
- 1 combination voltage and continuity tester

**Beta N.**

- 1253
- 1272MQ
- 1274MQ
- 1279MQ
- 1390
- 1714
- 1725MQ
- 1777MQ
- 1814M
- 1830T
- 1847

**5980BG/MQ**

059800224

**2029BG-MQ**  
(2029/VV+5980BG/MQ)

020290251

# 5980EL/A

assortment of 57 tools

## Electronic maintenance



2.6 kg

**Quantity/Description**

- 13 small double open end wrenches 4÷14 mm
- 9 offset hexagon key wrenches 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, with countersink
- 1 wire stripping pliers 160 mm
- 1 screwdrivers for slotted head screws 160 mm
- 1 flat nose pliers
- 1 smooth half - round long bent needle nose pliers
- 1 combination pliers
- 1 diagonal flush cutting nippers
- 1 diagonal cutting nippers
- 1 screwholding screwdriver for slotted head screws 4x125 mm

- Beta N.**
- 73/B13
  - 96N/SC9
  - 991
  - 992
  - 998
  - 1128BSX
  - 1142BM
  - 1166BM
  - 1172BM
  - 1178BM/P
  - 1178BM
  - 1185BM
  - 1188BM
  - 1250

**Quantity/Description**

- 1 screwholding screwdriver for cross head Phillips® screws 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
- 1 self - locking tool
- 1 soldering iron 25 W
- 1 de - soldering pump
- 1 LED torches

- Beta N.**
- 1251
  - 1257LPH/S8
  - 1370
  - 1692
  - 1715
  - 1720/S3
  - 1723
  - 1738
  - 1756
  - 1771
  - 1779
  - 1814M
  - 1830T
  - 1835/2

**5980EL/1** 059800239

**2032EL/A** 020320108

(2032/VV+5980EL/A)

**2034EL/A** 020340107

(2034/VV+5980EL/A)

**2032T EL/A** 020320208

(2032/TV+5980EL/A)



**Electronic maintenance**



**4.8 kg**

**Quantity/Description**

- 13 small double open end wrenches 4+14 mm
- 9 offset hexagon key wrenches 1,5+10 mm
- 8 offset key wrenches for Torx® head screws T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1 adjustable wrench 150 mm
- 18 set of 13 hexagon sockets and 5 accessories, 1/4" square drive
- 1 straight thin knurled point spring tweezers 130 mm
- 1 bent point tweezers 120 mm
- 1 extra slim short end spring tweezers 120 mm
- 1 electrician's scissors, straight blades
- 1 front wire stripping pliers, self - adjusting 170 mm
- 1 half-round needle nose pliers 180 mm
- 1 flat nose pliers 140 mm
- 1 smooth half - round long needle nose pliers 140 mm
- 1 smooth half - round long bent needle nose pliers 140 mm
- 1 diagonal flush cutting nippers, rounded tips 120 mm
- 1 diagonal flush cutting nippers, slim tips 120 mm
- 1 end flush oblique cutting nippers
- 8 micro-screwdrivers
- 1 mains testing screwdriver

- Beta N.**
- 73/B13
- 96/SC9
- 97TX/BG8
- 111
- 900/C13-5
- 990
- 991
- 999A
- 1128BMX
- 1149F
- 1150BM
- 1172BM
- 1177BM
- 1178BM/P
- 1184BM
- 1186BM
- 1191BM
- 1257LPH/S8
- 1253

**Quantity/Description**

- 1 screwdriver for slotted head screws, extra-short series 6,5x30 mm
- 3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series PH1x30 - PH2x30 mm
- 5 screwdrivers for headless slotted screws 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm
- 1 engineer's hammer 200 g
- 1 flexible graduated rule 150 mm
- 1 engineer's scriber 220 mm
- 1 measuring tape 5 m
- 1 telescopic joint inspection mirror 670 mm
- 1 needle files ●
- 1 needle files ▲
- 1 needle files ▮
- 1 spring puller
- 1 bristle brush
- 1 pen oiler
- 1 snap - off blade utility knife
- 1 fold - away knife
- 1 self - locking tool
- 1 soldering iron 25W
- 1 de - soldering pump
- 1 LED torches

- Beta N.**
- 1290N
- 1292
- 1292N
- 1294
- 1370
- 1682
- 1688
- 1692
- 1715
- 1720R
- 1720T
- 1720P
- 1723
- 1738
- 1756
- 1771BM
- 1777BM
- 1779
- 1814M
- 1830T
- 1835/2

**5980EL/B** 059800240

**2029EL/B** 020290216  
(2029/VV+5980EL/B)

**2033EL/B** 020330105  
(2033N/VV+5980EL/B)

**2036EL/B** 020360117  
(2036/TV+5980EL/B)

# 5980ID

Assortment of 35 tools

## Plumbing maintenance



11.6 kg

### Quantity/Description

- 1 flat chisels 150 mm
- 1 flat chisels, ribbed type 200 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- 1 adjustable wrench 250 mm
- 1 pipe cutter for copper and light alloy pipes Ø 3÷30 mm
- 1 pipe wrench Swedish pattern 320 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 tin snips 300 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm

### Beta N.

- 34
- 35
- 55/S12X
- 111
- 334
- 374
- 1048
- 1052
- 1112
- 1128BMX
- 1150BM

### Quantity/Description

- 4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 8x150 mm
- 2 screwdrivers for cross head Phillips® screws PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 measuring tape, made of fibre 2 m
- 1 measuring tape 5 m
- 1 spirit level, made of aluminium 200 mm
- 1 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 brake shoe cleaning brush plastic handle steel wires

### Beta N.

- 1201
- 1202
- 1370
- 1690F
- 1692
- 1696A
- 1719BMA/M
- 1725
- 1737NX

5980ID

059800321



2009ID  
(2009N/BV+5980ID)

020090012



# 5902MT

Assortment of 106 tools for agricultural, building and earth-moving machinery

## Car repairs



28.6 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
2 drift punches Ø 3 - 4 mm	30	1 3/4" drive sliding T - handle	928/42
2 pin punches Ø 6 - 8 mm	31	1 3/4" drive reversible ratchet	928/55
1 centre punch Ø 4 mm	32	1 pry bar	964
2 flat chisels, ribbed type 150 - 200 mm	35	1 slip joint pliers 250 mm	1048
18 combination wrenches 6+14 - 17 - 19 - 22 - 24	42	1 adjustable self locking pliers, curved jaws	1055
27 - 30 - 32 - 36 - 41 mm		1 heavy duty diagonal cutting nippers 160 mm	1084BM
10 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13	90	1 electrician's scissors, straight blades	1128BMX
14x15 - 16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm		1 half-round needle nose pliers 180 mm	1150BM
10 offset hexagon key wrenches 1,5+12 mm	96N/B10	1 screwdrivers for slotted head screws 160 mm	1166BM
17 1/2" square drive hexagon sockets	920A	4 screwdrivers for slotted head screws with hexagon bolsters	1260E
10+22 - 24 - 27 - 30 - 32 mm		6,5x150 - 8x175 - 10x200 - 12x250 mm	
1 1/2" drive extension bar 125 mm	920/21	3 screwdrivers for cross head Phillips® screws with hexagon bolsters	1262E
1 1/2" drive extension bar 255 mm	920/22	PH2x150 - PH3x175 - PH4x200 mm	
1 1/2" drive universal joint	920/25	1 ball peen hammer 900 g	1377
1 1/2" drive sliding T-handle	920/42	1 soft face hammer Ø 35 mm	1390
1 1/2" drive push-through square ratchet	920/50	1 metric feeler gauge	1708/20
11 3/4" square drive hexagon socket	928A	1 three - cutting edges scraper 200 mm	1717B
22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 mm		5 second cut files 200 mm	1719BMA/S5
1 3/4" drive extension bar 200 mm	928/21	1 hacksaw frame, aluminium handle	1725
1 3/4" drive swivel handle	928/36A		

<b>5902MT</b>	059020043	<b>2300S-O/MT</b> (C23S-O+5902MT)	023000461	<b>2300SC-G/MT</b> (C23SC G+5902MT)	023000492
<b>2200S-O/MT</b> (C22S-O+5902MT)	022000431	<b>2300S-G/MT</b> (C23S-G+5902MT)	023000462	<b>2300SC-R/MT</b> (C23SC R+5902MT)	023000493
<b>2200S-G/MT</b> (C22S-G+5902MT)	022000432	<b>2300S-R/MT</b> (C23S-R+5902MT)	023000463		
<b>2200S-R/MT</b> (C22S-R+5902MT)	022000433	<b>2300SC-O/MT</b> (C23SC O+5902MT)	023000491		



# 5902MT/AS

Assortment of 99 tools for earth-moving machinery (CATERPILLAR)

## Car repairs










27.3 kg

**Quantity/Description**

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 3/64+3/8"	96AS/B11
10	1/2" square drive bi - hex sockets 7/16 - 1/2 - 9/165/8 - 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" □ 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

**Quantity/Description**

1	3/4" drive reversible ratchet	928/55
1	pry bar	964
1	slip joint pliers 250 mm	1048
1	adjustable self locking pliers, curved jaws	1055
1	heavy duty diagonal cutting nippers 160 mm	1084BM
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	screwdrivers for slotted head screws 160 mm	1166BM
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 150 - 200 mm	1708/20
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1725

	<b>5902MT/AS</b> (C22S-O+5902MT/AS)	059020044		<b>2200S-R/MTAS</b> (C22S-R+5902MT/AS)	022000443		<b>2300S-R/MTAS</b> (C23S-R+5902MT/AS)	023000473
	<b>2200S-O/MTAS</b> (C22S-O+5902MT/AS)	022000441		<b>2300S-OMT/AS</b> (C23S-O+5902MT/AS)	023000471			
	<b>2200S-G/MTAS</b> (C22S-G+5902MT/AS)	022000442		<b>2300S-G/MTAS</b> (C23S-G+5902MT/AS)	023000472			

# 5904VG/1T

Assortment of 90 tools

## Car repairs



M15

M16

M131



M153  
96/SC9

M236

M82



M145

M170

M172

M234

13.2 kg

### Quantity/Description

- 2 flat chisels, ribbed type 100 - 200 mm
- 21 combination wrenches 6+22 - 24 - 27 - 30 - 32 mm
- 9 offset hexagon key wrenches  
1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 19 1/2" square drive hexagon sockets  
10+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
- 1 1/2" drive reversible ratchet
- 1 circlip pliers straight,  
internal 180 mm
- 1 circlip pliers bent, internal 170 mm

### Beta N.

- 35
- 42
- 96/SC9
- 920A
- 920ME
- 920AN/125
- 920AN/250
- 920/25
- 920/42
- 920/55
- 1032
- 1034

### Quantity/Description

- 1 circlip pliers straight,  
external 175 mm
- 1 circlip pliers bent,  
external 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 7 screwdrivers for cross head Phillips® 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
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 5 second cut files 200 mm

### Beta N.

- 1036
- 1038
- 1048
- 1052
- 1084BM
- 1150BM
- 1166BM
- 1290
- 1292
- 1370
- 1390
- 1719BMA/S5

Image	Code	Description	Part No.
	5904VG/1T		059040194
	2300ST-O-VG1T	(C23ST O+5904VG/1T)	023000681
	2300ST-G-VG1T	(C23ST G+5904VG/1T)	023000682
	2300ST-R-VG1T	(C23ST R+5904VG/1T)	023000683
	2400S7-O-VG1T	(C24S7/O+5904VG/1T)	024002724
	2400S7-G-VG1T	(C24S7/G+5904VG/1T)	024002725
	2400S7-R-VG1T	(C24S7/R+5904VG/1T)	024002726

Image	Code	Description	Part No.
	2400SA7-O-VG1T	(C24SA7/O+5904VG/1T)	024002727
	2400SA7-G-VG1T	(C24SA7/G+5904VG/1T)	024002728
	2400SA7-R-VG1T	(C24SA7/R+5904VG/1T)	024002729
	3900 O-7-VG1T	(C39 O/7+5904VG/1T)	039000144
	3900 G-7-VG1T	(C39 G/7+5904VG/1T)	039000145
	3900 R-7-VG1T	(C39 R/7+5904VG/1T)	039000146
	3939 SM-O-VG1T	(C39SM-O+5904VG/1T)	039390201

Image	Code	Description	Part No.
	3939 SM-G-VG1T	(C39 SM-G+5904VG/1T)	039390202
	3939 SM-R-VG1T	(C39 SM-R+5904VG/1T)	039390203
	3939 MD-O-VG1T	(C39 MD-O+5904VG/1T)	039390251
	3939 MD-G-VG1T	(C39 MD-G+5904VG/1T)	039390252
	3939 MD-R-VG1T	(C39 MD-R+5904VG/1T)	039390253

# 5904VG/2T

Assortment of 99 tools

## Car repairs



T15 T16 T80



T153 T132 T145 T234



T208 T33 T52 T55

14.5 kg

**Quantity/Description**

- 2 flat chisels, ribbed type 100 - 200 mm
- 21 combination wrenches 6÷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  
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
- 19 1/2" square drive hexagon sockets  
10÷24 - 26 - 27 - 30 - 32 mm
- 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

**Beta N.**

- 35
- 42
- 55
- 96/SC9
- 96T
- 97TTX
- 920A
- 920ME
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55

**Quantity/Description**

- 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 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 4 screwdrivers for cross head Phillips® screws  
3x75 - 4x100 - 5,5x150 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60 - PH1x80 - PH2x100 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm

**Beta N.**

- 1032
- 1034
- 1036
- 1038
- 1048
- 1052
- 1084
- 1150
- 1166
- 1260
- 1262
- 1370
- 1390

Image	Model	Code	Image	Model	Code	Image	Model	Code
	5904VG/2T	059040191		2400S6-O/VG2T (C24S6/O+5904VG/2T)	024002624		3900 G-6/VG2T (C39 G/6+5904VG/2T)	039000125
	2400S5-O/VG2T (C24S5/O+5904VG/2T)	024002514		2400S6-G/VG2T (C24S6/G+5904VG/2T)	024002625		3900 R-6/VG2T (C39 R/6+5904VG/2T)	039000126
	2400S5-G/VG2T (C24S5/G+5904VG/2T)	024002515		2400S6-R/VG2T (C24S6/R+5904VG/2T)	024002626			
	2400S5-R/VG2T (C24S5/R+5904VG/2T)	024002516		3900 O-6/VG2T (C39 O/6+5904VG/2T)	039000124			



# 5904VG/3

Assortment of 132 tools

## Car repairs



20.7 kg

Quantity/Description	Beta N.	Quantity/Description	Beta N.
6 pin punches Ø 2÷8 mm	31/B6	1 self - locking pliers 240 mm	1057A
1 centre punch Ø 5 mm	32	1 heavy duty diagonal cutting nippers 200 mm	1084BM
1 flat chisels, ribbed type 200 mm	35	1 toggle lever assisted end cutting nippers 200 mm	1092V
17 combination wrenches 6÷22 mm	42	1 tin snips 250 mm	1112
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 14x15 - 16x17 - 18x19 - 20x22 mm	55	1 electrician's scissors, straight blades	1128BMX
9 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	1 half-round needle nose pliers 180 mm	1150BM
11 offset hexagon key wrenches 2÷10 mm	96T/SP11	4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x125 - 6,5x150 mm	1260
13 offset key wrenches for Torx® head screws T6+T50	97TX/B13	1 screwdriver for slotted head screws, extra-short series 6,5x30 mm	1260N
1 adjustable wrench 300 mm	111	2 screwdrivers for slotted head screws with hexagon bolsters 8x175 - 10x175 mm	1260E
13 1/2" square drive hexagon sockets with rail 10÷22 mm	920A/SB13	3 screwdrivers for cross head Phillips® screws PH0x100 - PH1x120 - PH2x100 mm	1262
1 1/2" drive extension bar 125 mm	920/21	1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N
1 1/2" drive extension bar 255 mm	920/22	1 screwdrivers for cross head Phillips® screws with hexagon bolsters PH3x175mm	1262E
1 1/2" drive universal joint	920/25	1 screwdriver for cross head Phillips® screws, long series PH2x400 mm	1262L
1 1/2" drive sliding T-handle	920/42	1 screwdrivers for headless slotted screws 6,5x400 mm	1264L
1 1/2" drive push-through square ratchet	920/50	1 engineer's hammer 500 g	1370
6 T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 17 - 19 mm	952	1 soft face hammer Ø 45 mm	1390
1 pry bar with handle 450 mm	965	1 adjustable oil filter wrench	1491
2 circlip pliers straight, internal 180 - 225 mm	1032	1 metric feeler gauge	1708/20
2 circlip pliers bent, internal 170 - 210 mm	1034	5 second cut files 200 mm	1719BMA/S5
2 circlip pliers straight, external 175 - 225 mm	1036	1 hacksaw frame, aluminium handle	1726BM
2 circlip pliers bent, external 175 - 220 mm	1038	1 metal oil can 200 cc	1751
1 slip joint pliers 250 mm	1048		

<b>5904VG/3</b> 059040192	<b>2400S6-O/VG3</b> (C24S6/O+5904VG/3) 024002634	<b>2400SA7-G/VG3</b> (C24SA7/G+5904VG/3) 024002738
<b>2400SL-O/VG3</b> (C24SL/O+5904VG/3) 024002414	<b>2400S6-G/VG3</b> (C24S6/G+5904VG/3) 024002635	<b>2400SA7-R/VG3</b> (C24SA7/R+5904VG/3) 024002739
<b>2400SL-G/VG3</b> (C24SL/G+5904VG/3) 024002415	<b>2400S6-R/VG3</b> (C24S6/R+5904VG/3) 024002636	<b>2400S8-O/VG3</b> (C24S8/O+5904VG/3) 024002814
<b>2400SL-R/VG3</b> (C24SL/R+5904VG/3) 024002416	<b>2400S7-O/VG3</b> (C24S7/O+5904VG/3) 024002734	<b>2400S8-G/VG3</b> (C24S8/G+5904VG/3) 024002815
<b>2400S5-O/VG3</b> (C24S5/O+5904VG/3) 024002524	<b>2400S7-G/VG3</b> (C24S7/G+5904VG/3) 024002735	<b>2400S8-R/VG3</b> (C24S8/R+5904VG/3) 024002816
<b>2400S5-G/VG3</b> (C24S5/G+5904VG/3) 024002525	<b>2400S7-R/VG3</b> (C24S7/R+5904VG/3) 024002736	
<b>2400S5-R/VG3</b> (C24S5/R+5904VG/3) 024002526	<b>2400SA7-O/VG3</b> (C24SA7/O+5904VG/3) 024002737	

# 5904VG/4T

Assortment of 135 tools

## Car repairs



T80 T15 T16



T63 T209



T145 T199 T202 T52



T256 VP5



T131 T153 T112 T234

21.5 kg

### Quantity/Description

- 2 flat chisels, ribbed type 100 - 200 mm
- 21 combination wrenches 6+22 - 24 - 27 - 30 - 32 mm
- 6 offset hexagon key wrenches  
2 - 2,5 - 3 - 4 - 5 - 6 mm
- 6 bits for Torx® head screws T6+T15
- 8 bits for Torx® head screws T20+T55
- 1 socket holder 1/4x1/4"
- 1 socket holder 5/16x1/2"
- 6 1/4" sockets for Torx® head screws E4+E10
- 19 1/2" square drive hexagon sockets  
10+24 - 26 - 27 - 30 - 32 mm
- 7 1/2" sockets for Torx® head screws E12+E24
- 5 1/2" drive, socket drivers for hexagon screws  
5 - 6 - 8 - 10 - 12 mm
- 3 1/2" drive, socket drivers for Torx® head screws T55L - T60 - T70L
- 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
- 8 T - handle wrenches with swivelling socket  
7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 2 3/8" square drive spark plug sockets 16 - 20,8 mm
- 2 spark plug sockets, 1/2" drive 16 - 20,8 mm
- 2 T - handle swivel spark plug wrenches 16 - 20,8 mm
- 1 circlip pliers straight, internal 180 mm

### Beta N.


- 35
- 42
- 96T
- 861TX
- 866TX
- 895/1
- 895/6
- 900FTX
- 920A
- 920FTX
- 920ME
- 920TX
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952
- 956E
- 956L
- 959
- 1032


### Quantity/Description


- 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 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 7 screwdrivers for cross head Phillips® 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
- 2 screwdriver for cross head Phillips® screws, long series  
PH1x400 - PH2x400 mm
- 3 screwdrivers for headless slotted screws  
3x300 - 4x400 - 5x400 mm
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 extra long bent flat knurled nose pliers 200 mm
- 1 metric feeler gauge
- 1 empty thermoformed tray


### Beta N.


- 1034
- 1036
- 1038
- 1048
- 1052
- 1084BM
- 1150BM
- 1166BM
- 1260
- 1262
- 1262L
- 1264L
- 1370
- 1390
- 1164
- 1708/20
- VP5


 **5904VG/4T** 059040195


 **2400SL-O/VG4T** 024002427  
(C24SL/O+5904VG/4T)

 **2400SL-G/VG4T** 024002428  
(C24SL/G+5904VG/4T)

 **2400SL-R/VG4T** 024002429  
(C24SL/R+5904VG/4T)

 **3900-O/VG4T** 039000167  
(C39 O/I+5904VG/4T)

 **3900-G/VG4T** 039000168  
(C39 G/I+5904VG/4T)

 **3900-R/VG4T** 039000169  
(C39 R/I+5904VG/4T)



# 5904VG/5T

Assortment of 153 tools

## Car repairs



T80 T15 T16



T63 VP6



T145 T170 T176 T52



T33 T171 T172 T173



T234 T131 T112 T153

25 kg

### Quantity/Description

- 2 flat chisels, ribbed type 100 - 200 mm
- 21 combination wrenches 6+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
- 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 bits for Torx® head screws T6+T15
- 8 bits for Torx® head screws T20+T55
- 1 socket holder 1/4x1/4"
- 1 socket holder 5/16x1/2"
- 6 1/4" sockets for Torx® head screws E4+E10
- 19 1/2" square drive hexagon sockets
- 10+24 - 26 - 27 - 30 - 32 mm
- 7 1/2" sockets for Torx® head screws E12+E24
- 5 1/2" drive, socket drivers for hexagon screws
- 5 - 6 - 8 - 10 - 12 mm
- 3 1/2" drive, socket drivers for Torx® head screws
- T55L - T60 - T70L
- 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
- 8 T - handle wrenches with swivelling socket
- 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm

### Beta N.

- 35
- 42
- 55
- 96/SC9
- 96T
- 861TX
- 866TX
- 895/1
- 895/6
- 900FTX
- 920A
- 920FTX
- 920ME
- 920TX
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952

### Quantity/Description

- 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 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 10 screwdrivers for cross head Phillips® screws
- 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150
- 6,5x150 - 8x150 - 8x200 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm
- 8 screwdrivers for cross head Phillips® screws
- PH0x60 - PH0x100 - PH1x80 - PH1x120
- PH2x100 - PH2x150 - PH3x150 - PH4x200 mm
- 2 screwdriver for cross head Phillips® screws, extra-short series PH1x30 - PH2x30 mm
- 5 drivers for Torx® head screws, with handles T25 - T27 - T30 - T40 - T45
- 1 engineer's hammer 300 g
- 1 soft face hammer Ø 35 mm
- 1 empty thermoformed tray

### Beta N.

- 1032
- 1034
- 1036
- 1038
- 1048
- 1052
- 1084BM
- 1150BM
- 1166BM
- 1290
- 1290N
- 1292
- 1292N
- 1292N
- 1297TX
- 1370
- 1390
- VP6

5904VG/5T

059040196



2400S8-R/VG5T

(C24S8/R+5904VG/5T)

024002826



3900 R-8/VG5T

(C39 R/8+5904VG/5T)

039000186



2400S8-O/VG5T

(C24S8/O+5904VG/5T)

024002824



3900 O-8/VG5T

(C39 O/8+5904VG/5T)

039000184



2400S8-G/VG5T

(C24S8/G+5904VG/5T)

024002825



3900 G-8/VG5T

(C39 G/8+5904VG/5T)

039000185



# 5905VG/0

assortment of 91 tools

## Car repairs



**Quantity/Description**

- 4 pin punches Ø 2 - 3 - 4 - 5 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 12 combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
- 9 ball head offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- 6 offset hexagon key wrenches, with high torque handles 2 - 3 - 4 - 5 - 6 - 8 mm
- 20 1/2" square drive hexagon sockets 10+24, 26 - 27 - 28 - 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
- 8 T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 14 - 15 - 16 - 17 mm
- 1 spark plug socket 16 mm
- 1 circlip pliers straight, internal 180 mm

**Beta N.**

- 31
- 32
- 34
- 42
- 96BPC/SC9
- 96T/S6
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952
- 956C
- 1032

**Quantity/Description**

- 1 circlip pliers straight, external 175 mm
- 1 slip joint pliers 250 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 1 electrician's scissors, straight blades
- 1 screwdriver for Dzus® head screws
- 5 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 6,5x150 - 8x150 mm
- 4 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 PH2x100 - PH3x150 mm
- 4 drivers for Torx® head screws, with handles T15 - T20 - T30 - T40
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 strap wrench for oil filters

**Beta N.**

- 1036
- 1048
- 1084BM
- 1150BM
- 1166BM
- 1128BMX
- 1201DZ
- 1290/S5
- 1292/S4
- 1297TX
- 1370
- 1390
- 1490/1

5905VG/0

059050162



2500/VG0  
(C25+5905VG/0)

025000080

## 5905VG/1

Assortment of 94 tools for car body repair shops

### Car repairs



20 kg

#### Quantity/Description

1	drift punches Ø 4 mm
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
1	centre punch Ø 4 mm
1	flat chisels 150 mm
1	cape chisels, standard type 150 mm
17	combination wrenches 6+22 mm
10	offset hexagon key wrenches 1,5+12 mm
1	adjustable wrench 300 mm
12	hi-torque hexagon nut spinners, long series 4+14 mm
1	pry bar with handle 450 mm
1	slip joint pliers 250 mm
1	self - locking pliers 240 mm
1	adjustable self locking pliers, aluminium jaws 280 mm
1	heavy duty diagonal cutting nippers 160 mm
1	construction worker's pincers 250 mm
1	compound leverage shears, straight blades
1	electrician's scissors, straight blades
1	half-round needle nose pliers 180 mm
1	screwdriver for Dzus® head screws
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm
1	screwdriver for slotted head screws, extra-short series 4x30 mm

#### Beta N.

30
31/B6
32
34
36
42/S17
96/B10
111N
943BX
965
1048
1052
1060AL
1084BM
1098PL
1122
1128BMX
1150BM
1201DZ
1260
1260N

#### Quantity/Description

2	screwdrivers for slotted head screws with hexagon bolsters 10x175 - 12x200 mm
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
1	screwdrivers for cross head Phillips® screws, extra - short series PH1x30 mm
1	screwdrivers for cross head Phillips® screws with hexagon bolsters PH3x175 mm
7	drivers for Torx® head screws T6 - T8 - T10 - T15 - T20 - T25 - T30
1	curved dolly 1350 g
1	toe dolly
1	heel dolly
1	general purpose dolly
1	buffer dolly
1	curved angle spoon
1	heavy duty spoon
1	long double-ended spoon
1	body blade holder, with blade 9"
1	extra flat chisel with hand guard
1	body hammer
1	body hammer Ø 32 mm
1	engineer's hammer 300 g
1	soft face hammer Ø 35 mm
1	measuring tape 5 m

#### Beta N.

1260E
1262
1262N
1262E
1267TX
1303
1305
1306
1310
1313
1326
1327
1330
1338A
1342PM
1345
1357Z/32
1370
1390
1692

5905VG/1

059050157



2500/VG1  
(C25+5905VG/1)

025000082



# 5905VG/2

Assortment of 118 tools

## Car repairs



19.5 kg

**Quantity/Description**

- 2 drift punches Ø 3 - 4 mm
- 4 pin punches Ø 2 - 3 - 4 - 5 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels 125 - 150 mm
- 2 cape chisels, standard type 125 - 150 mm
- 14 combination wrenches 5,5+14 - 17 - 19 - 22 - 24 mm
- 13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm
- 3 half - moon ring wrenches 11x13 - 14x17 - 19x22 mm
- 10 offset hexagon key wrenches 1,5+12 mm
- 2 1/2" drive impact sockets 17 - 19 mm
- 20 1/2" square drive hexagon sockets 10+24 - 26 - 27 - 28 - 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
- 8 T - handle wrenches with swivelling socket 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm
- 1 T - handle swivel spark plug wrenches
- 1 wheel nut wrench 17x19x22x 1/2"
- 1 circlip pliers straight, internal 180 mm
- 1 circlip pliers bent, internal 170 mm

**Beta N.**

- 30
- 31
- 32
- 34
- 36
- 42
- 55
- 83
- 96N/B10
- 720
- 920A
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952
- 959
- 979
- 1032
- 1034

**Quantity/Description**

- 1 circlip pliers straight, external 175 mm
- 1 circlip pliers bent, external 175 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 compound leverage shears, straight blades 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 8 screwdrivers for cross head Phillips® screws 2,5x50 - 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm
- 2 screwdrivers for slotted head screws with hexagon bolsters 10x175 - 12x200 mm
- 1 screwdriver for slotted head screws, extra-short series 6,5x30 mm
- 4 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 PH2x100 - PH3x150 mm
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 adjustable oil filter wrench
- 1 circuit tester 3+48 V

**Beta N.**

- 1036
- 1038
- 1048
- 1052
- 1084BM
- 1122
- 1128BMX
- 1150BM
- 1166BM
- 1260
- 1260E
- 1260N
- 1262
- 1370
- 1390
- 1491
- 1498

5905VG/2

059050143



2500/VG2  
(C25+5905VG/2)

025000083



**Car repairs**



**Quantity/Description**

- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 1 centre punch Ø 5 mm
- 1 flat chisels, ribbed type 200 mm
- 21 combination wrenches 6+22 - 24 - 27 - 30 - 32 mm
- 13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17
- 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm
- 8 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13
- 14x15 - 16x17 - 18x19 - 20x22 mm
- 15 offset hexagon key wrenches
- 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 7
- 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
- 11 offset hexagon key wrenches 2+10 mm
- 13 drivers for Torx® head screws,
- with handles T8+T50
- 1 adjustable wrench 300 mm
- 13 1/2" square drive hexagon sockets with rail 10+22 mm
- 8 1/2" square drive hexagon sockets with rail 23+32 mm
- 7 1/2" drive, socket drivers for hexagon screws
- 5 - 6 - 8 - 10 - 12 - 14 - 17 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
- 6 T - handle wrenches with swivelling socket
- 8 - 10 - 12 - 13 - 17 - 19 mm
- 1 pry bar with handle 450 mm
- 2 circlip pliers straight,
- internal 180 - 225 mm
- 2 circlip pliers bent,
- internal 170 - 210 mm
- 2 circlip pliers straight, external 175 - 225 mm

**Beta N.**

- 31/B6
- 32
- 35
- 42
- 55
- 90/S8
- 96N
- 96T/SP11
- 97TTX/S13
- 111
- 920A/SB13
- 920A/SB8
- 920ME
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952
- 965
- 1032
- 1034
- 1036

**Quantity/Description**

- 2 circlip pliers bent,
- external 175 - 220 mm
- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 200 mm
- 1 toggle lever assisted end cutting nippers 200 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 4 screwdrivers for cross head Phillips® screws
- 3x75 - 4x100 - 6,5x150 - 8x150 mm
- 1 screwdriver for slotted head screws,
- extra-short series 6,5x30 mm
- 3 screwdrivers for slotted head screws
- with hexagon bolsters 6,5x150 - 10x175 - 12x200 mm
- 2 screwdrivers for cross head Phillips® screws
- PH0x100 - PH1x120 mm
- 1 screwdrivers for cross head Phillips® screws,
- extra - short series PH2x30 mm
- 2 screwdrivers for cross head Phillips® screws
- with hexagon bolsters PH3x175 - PH4x200 mm
- 1 screwdriver for cross head Phillips® screws,
- long series PH2x400 mm
- 1 screwdrivers for headless slotted screws 6,5x400 mm
- 2 engineer's hammer 300 - 1000 g
- 1 soft face hammer Ø 60 mm
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool 0,5 kg
- 5 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 metal oil can 200 cc

**Beta N.**

- 1038
- 1048
- 1052
- 1084BM
- 1092V
- 1112
- 1128BMX
- 1150BM
- 1260
- 1260N
- 1260E
- 1262
- 1262N
- 1262E
- 1262L
- 1264L
- 1370
- 1390
- 1491
- 1708/20
- 1712E/1
- 1719BMA/S5
- 1726BM

€  
2.125,00



3.940,00



€  
3.940,00

3.940,00

**Car repairs**



Quantity/Description	Beta N.	Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31	3 circlip pliers straight, external 175 - 225 - 300 mm	1036
1 centre punch Ø 5 mm	32	3 circlip pliers bent, external 175 - 220 - 300 mm	1038
2 flat chisels, ribbed type 100 - 200 mm	35	2 slip joint pliers 250 - 300 mm	1048
25 combination wrenches 6÷22 - 24 - 27 - 30 - 32 - 35 - 36 - 38 - 41 mm	42	1 self locking pliers, double adjustment 255 mm	1051
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17	55	1 heavy duty diagonal cutting nippers 200 mm	1084BM
18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm		1 toggle lever assisted end cutting nippers 200 mm	1092V
15 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23	90	1 tin snips 250 mm	1112
24x26 - 25x28 - 27x29 - 30x32 - 35x38 - 36x41 mm		1 electrician's scissors, straight blades	1128BMX
1 flare nut open ring wrench 17x19 mm	94	1 half-round needle nose pliers 180 mm	1150BM
4 offset hexagon key wrenches 13 - 14 - 17 - 19 mm	96N	3 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 8x200 mm	1260
10 offset hexagon key wrenches 1,5+12 mm	96N/B10	1 screwdriver for slotted head screws, extra-short series 6,5x30	1260N
13 offset key wrenches for Torx® head screws T6+T50	97TX/B13	4 screwdrivers for slotted head screws with hexagon bolsters 6,5x150 - 8x175 - 10x200 - 12x250 mm	1260E
1 adjustable wrench 300 mm	111	2 screwdrivers for cross head Phillips® screws PH0x100 - PH1x120 mm	1262
7 3/4" square drive impact sockets long, slim series 22 - 24 - 27 - 30 - 32 - 33 - 36 mm	728LS	1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N
13 1/2" square drive hexagon sockets with rail 10+22 mm	920A/SB13	3 screwdrivers for cross head Phillips® screws with hexagon bolsters PH2x150 - PH3x175 - PH4x200 mm	1262E
8 1/2" square drive hexagon sockets with rail 23+32 mm	920A/SB8	1 screwdriver for cross head Phillips® screws, long series PH2x400 mm	1262L
7 1/2" drive, socket drivers for hexagon screws 5+17 mm	920ME/SB7	1 screwdrivers for headless slotted screws 6,5x400 mm	1264L
1 adaptor, 1/2" female to 3/4" male drive	920/16	2 engineer's hammer 500 - 2000 g	1370
1 1/2" drive extension bar 125 mm	920/21	1 dead blow hammer Ø 50 mm	1392
1 1/2" drive extension bar 255 mm	920/22	1 adjustable oil filter wrench	1491
1 1/2" drive universal joint	920/25	1 metric feeler gauge	1708/20
1 1/2" drive sliding T-handle	920/42	1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 1/2" drive push-through square ratchet	920/50	1 telescopic joint inspection mirror	1715
11 3/4" square drive hexagon socket 22 - 24 - 27 - 30 - 32	928A	1 three - cutting edges scraper 200 mm	1717B
36 - 41 - 46 - 50 - 55 - 60 mm		5 second cut files 200 mm	1719BMA/S5
1 3/4" drive extension bar 200 mm	928/21	1 hacksaw frame, aluminium handle	1726BM
1 3/4" drive extension bar 380 mm	928/22	1 brake shoe cleaning brush plastic handle steel wires	1737NX
1 3/4" drive sliding T - handle	928/42	1 metal oil can 200 cc	1751
1 3/4" drive reversible ratchet	928/55	1 snap - off blade utility knife	1771BM
7 T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952		
1 pry bar with handle 600 mm	965		
3 circlip pliers straight, internal 180 - 225 - 300 mm	1032		
3 circlip pliers bent, internal 170 - 210 - 290 mm	1034		

€  
3.440,00

€  
5.250,00



5.250,00

5.250,00





# 5910VG/3

assortment of 318 tools

## Car repairs



€

5.120,00



8.820,00

### Quantity/Description

Quantity/Description	Beta N.
6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31
1 centre punch Ø 5 mm	32
2 flat chisels, ribbed type 100 - 200 mm	35
8 combination wrenches 24 - 27 - 30 - 32 - 35 - 36 - 38 - 41 mm	42
17 combination wrenches 6+22 mm	42/S17
13 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55/S13
5 half - moon ring wrenches 8x10 - 10x12 - 11x13 - 14x17 - 19x22 mm	83
2 double ended offset ring wrenches 35x36 - 36x41 mm	90
13 double ended offset ring wrenches 6x7+30x32 mm	90/S13
1 flare nut open ring wrench 17x19 mm	94
4 offset hexagon key wrenches 13 - 14 - 17 - 19 mm	96N
10 offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 mm	96N/B10
11 offset hexagon key wrenches 2+10 mm	96T/SP11
13 offset key wrenches for Torx® head screws T6+T50	97TX/B13
1 adjustable wrench 300 mm	111
1 click type torque wrench 1/2", 40+200 Nm	606/20
7 3/4" square drive impact sockets long, slim series 22+36 mm	728LS
30 1/2" drive, 13 hexagon sockets, 11 socket drivers and 6 accessories	900/C24
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
6 1/2" sockets for Torx® head screws E10+E20	920FTX/SB6
7 1/2" drive, socket drivers for hexagon screws 5+17 mm	920ME/SB7
9 1/2" drive, socket drivers for Torx® head screws T20+T60	920TX/SB9
1 adaptor, 1/2" female to 3/4" male drive	920/16
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 extension bar 380 mm	928/22
1 3/4" drive sliding T - handle	928/42
1 3/4" drive reversible ratchet	928/55
12 hi-torque hexagon nut spinners, long series 4+14 mm	943BX/S
7 T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952
2 T - handle swivel spark plug wrenches 16 - 20,8 mm	959
1 1/2" socket wrench for Lambda probe 22xL 85 mm	960SL
1 pry bar	963
1 pry bar with handle 300 - 400 - 600 mm	965
1 wheel nut wrench 17x19x22x	983
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 175 - 225 - 300 mm	1036
3 circlip pliers bent, external 175 - 220 - 300 mm	1038
2 slip joint pliers 250 - 300 mm	1048
1 self locking pliers, double adjustment	1051
1 self - locking pliers 240 mm	1052
1 heavy duty diagonal cutting nippers 200 mm	1084BM
1 toggle lever assisted end cutting nippers 200 mm	1092V
1 tin snips 250 mm	1112
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers 180 mm	1150BM
3 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 8x200 mm	1260
1 screwdriver for slotted head screws, extra-short series 6,5x30 mm	1260N
4 screwdrivers for slotted head screws with hexagon bolsters 6,5x150 - 8x175 - 10x200 - 12x250 mm	1260E
2 screwdrivers for cross head Phillips® screws PH0x100 - PH1x120 mm	1262
1 screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N
3 screwdrivers for cross head Phillips® screws with hexagon bolsters PH2x150 - PH3x175 - PH4x200 mm	1262E
1 screwdriver for cross head Phillips® screws, long series PH2x400 mm	1262L
1 screwdrivers for headless slotted screws 6,5x400 mm	1264L
13 drivers for Torx® head screws T5+T45	1267TX/S13
8 screwdrivers for Tamper Resistant Torx® head screws T9+T30	1268RTX/S8
2 engineer's hammer 500 - 2000 g	1370
1 dead blow hammer Ø 50 mm	1392
1 pliers for exhaust pipe cutting	1476A
1 adjustable oil filter wrench	1491
1 circuit tester 3+48V	1498
1 crimping pliers for non insulated closed terminals	1603A
1 vernier caliper	1650
1 metric feeler gauge	1708/20
1 flexible magnetic pick-up tool 1,8 kg	1712E/2
1 telescopic joint inspection mirror	1715
1 three - cutting edges scraper 200 mm	1717B
5 second cut files 200 mm	1719BMA/S5
1 hacksaw frame, aluminium handle	1726BM
1 brake shoe cleaning brush plastic handle steel wires	1737NX
1 riveting pliers with assortment of 700 rivets	1741B/C5
1 metal oil can 200 cc	1751
1 snap - off blade utility knife	1771BM
1 soldering iron 30 W	1814M
1 eye protector	7051MP
1 PVC ear protectors	7190C



# 5940M2

Assortment of 139 tools for motorcycle repairs

## Motorcycle repairs



**Quantity/Description**

- 2 drift punches Ø 2 - 3 mm
- 1 centre punch Ø 4 mm
- 2 flat chisels 125 - 150 mm
- 1 cape chisels, standard type 150 mm
- 9 combination wrenches 6 - 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm
- 1 combination wrenches 12 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 click type torque wrench 3/8",  
8+60 Nm
- 54 assortment of 52 hexagon bits,  
10 mm, and 2 accessories
- 1 adaptor, 1/2" female and 3/8" male drives
- 1 3/8" drive universal joint
- 17 assortment of 12 sockets and 5 accessories
- 3 T - handle wrenches with swivelling socket 8 - 10 - 12 mm
- 2 3/8" square drive spark plug sockets 16 - 17,8 mm
- 1 extra - long nose pliers 283 mm
- 2 circlip pliers straight, internal 140 - 180 mm

**Beta N.**

- 30
- 32
- 34
- 36
- 42/B9
- 42
- 55/B6
- 96/SC9
- 606/6
- 867/C52
- 910/16
- 910/25
- 920A/C12X
- 952
- 956E
- 1009L/A
- 1032

**Quantity/Description**

- 1 circlip pliers straight,  
external 140x1,3 mm
- 1 self - locking pliers 235 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 half-round needle nose pliers 180 mm
- 1 screwdriver for Dzus® head screws
- 4 screwdrivers for cross head Phillips® screws  
3x75 - 4x100 - 5,5x100 - 6,5x150 mm
- 3 screwdrivers for cross head Phillips® screws  
PH0x60 - PH1x80 - PH2x100 mm
- 1 circuit testing screwdriver
- 1 engineer's hammer 500 g
- 1 Clic® collar pliers
- 2 plastic hose pliers
- 1 adjustable oil filter wrench
- 1 metric feeler gauge
- 3 needle files
- 1 mini hacksaw frame
- 1 brush, brass wires
- 1 plastic oil can 250 cc
- 1 utility knife

**Beta N.**

- 1036
- 1054
- 1084
- 1150
- 1201DZ
- 1201
- 1202
- 1254
- 1370
- 1472FS
- 1481PL/A-B
- 1491
- 1708/13
- 1720/S3
- 1725CR
- 1737
- 1754
- 1770A

€

1.123,00

1.465,00

1.510,00



**Car repairs**



**Quantity/Description**

- 5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm
- 1 centre punch Ø 4 mm
- 1 flat chisels 150 mm
- 18 combination wrenches 6+14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm
- 12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm
- 3 half - moon ring wrenches 11x13 - 14x17 - 19x22 mm
- 12 offset hexagon key wrenches 2+10 mm
- 11 offset hexagon key wrenches 2+8 - 10 mm
- 20 1/2" square drive hexagon sockets 10+24 - 26 - 27 - 28 - 30 - 32 mm
- 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
- 10 T - handle wrenches with swivelling socket 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 2 T - handle swivel spark plug wrenches 16 - 20,8 mm
- 1 wheel nut wrench 17x19x22x 1/2"
- 2 circlip pliers straight, internal 140 - 180 mm
- 1 circlip pliers bent, internal 170 mm
- 2 circlip pliers straight, external 140x1,3 - 175 mm
- 1 circlip pliers bent, external 175 mm

**Beta N.**

- 31
- 32
- 34
- 42
- 55
- 83
- 96
- 96T
- 920A
- 920ME
- 920/21
- 920/22
- 920/25
- 920/42
- 920/55
- 952
- 959
- 979
- 1032
- 1034
- 1036
- 1038

**Quantity/Description**

- 1 slip joint pliers 250 mm
- 1 self - locking pliers 240 mm
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 tin snips 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 5 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 - 10x200 mm
- 2 screwdriver for slotted head screws, extra-short series 4x30 - 6,5x30 mm
- 4 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 - PH3x150 mm
- 2 screwdrivers for cross head Phillips® screws, extra - short series PH1x30 - PH2x30 mm
- 1 screwdriver for cross head Phillips® screws, long series PH2x400 mm
- 1 screwdrivers for headless slotted screws 6,5x400 mm
- 1 engineer's hammer 400 g
- 1 soft face hammer Ø 35 mm
- 1 circlip pliers for butt - ended circlips
- 1 adjustable oil filter wrench
- 1 crimping pliers for non insulated terminals
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool 0,5 kg
- 5 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 plastic oil can 250 cc

**Beta N.**

- 1048
- 1052
- 1084BM
- 1112
- 1128BMX
- 1150BM
- 1260
- 1260N
- 1262
- 1262N
- 1262L
- 1264L
- 1370
- 1390
- 1458
- 1491
- 1603
- 1708/13
- 1712E/1
- 1719BMA/S5
- 1726BM
- 1754

€

1.785,00

2.550,00





**Car repairs**



**Quantity/Description**

5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	Beta N.	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 2÷10 - 12 mm		96
3	1/2" drive impact sockets 17 - 19 - 22 mm		720
1	3/8" drive swivel T - handle	910/40	920A
20	1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 28 - 30 - 32 mm		920/21
1	1/2" drive extension bar 125 mm		920/22
1	1/2" drive extension bar 255 mm		920/25
1	1/2" drive universal joint		920/42
1	1/2" drive sliding T-handle		920/55
1	1/2" drive reversible ratchet	943BX	
4	hi-torque hexagon nut spinners, long series 6 - 7 - 8 - 10 mm		952
10	T - handle wrenches with swivelling socket 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm		956E
3	3/8" square drive spark plug sockets 16 - 17,8 - 20,8 mm		964
1	pry bar		1032
1	circlip pliers straight, internal 180 mm		1034
1	circlip pliers bent, internal 170 mm		1036
1	circlip pliers straight, external 175 mm		1038
1	circlip pliers bent, external 175 mm		

**Quantity/Description**

1	slip joint pliers 250 mm	Beta N.	1048
1	self - locking pliers 240 mm		1052
1	adjustable self locking pliers, long jaws 180 mm		1058
1	diagonal cutting nippers 160 mm		1082BM
1	electrician's scissors, straight blades		1128BMX
1	half-round needle nose pliers 180 mm		1150BM
1	screwdrivers for slotted head screws 160 mm		1166BM
1	circuit testing screwdriver 6÷24V		1254
6	screwdrivers for cross head Phillips® screws 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 10x200 mm		1260
1	screwdriver for slotted head screws, extra-short series 6,5x30 mm		1260N
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm		1262
1	screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm		1262N
5	drivers for Torx® head screws T8 - T10 - T15 - T20 - T25		1267TX
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 kg		1712E/2
6	needle files 160 mm		1720/B6
1	plastic oil can 150 cc		1754

€  
1.495,00



2.175,00



€  
2.175,00

2.175,00





Car repairs



Quantity/Description

- 6 pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm
- 6 2 drift punches, 1 centre punch, 3 flat chisels with metal holder
- 19 combination wrenches 6+22 - 24 - 27 mm
- 12 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm
- 7 offset hexagon key wrenches 2,5+10 mm
- 12 offset hexagon key wrenches 2+10 mm
- 13 offset key wrenches for Torx® head screws T6+T50
- 5 offset key wrenches with XZN® profile M5+M12
- 1 adjustable wrench 250 mm
- 1 click type torque wrench 1/2", 40+200 Nm
- 2 1/2" drive impact sockets 17 - 19 mm
- 13 1/2" square drive bi-hex sockets with rail 10+22 mm
- 8 1/2" square drive bi-hex sockets with rail 23+32 mm
- 4 1/2" socket drivers for slotted head screws 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm
- 3 1/2" socket drivers for Phillips® screws PH2 - 3 - 4
- 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 swivel handle
- 1 1/2" drive sliding T-handle
- 1 1/2" drive reversible ratchet
- 7 T - handle wrenches with swivelling socket 8 - 10 - 11 - 13 - 14 - 17 - 19 mm
- 2 T - handle swivel spark plug wrenches 16 - 20,8 mm
- 1 pry bar
- 1 wheel nut wrench 17x19x22x 1/2"
- 1 bent point tweezers 120 mm
- 1 straight large point tweezers 150 mm
- 2 circlip pliers straight, internal 140 - 180 mm
- 2 circlip pliers bent, internal 130 - 170 mm
- 2 circlip pliers straight, external 140x1,3 - 175 mm
- 2 circlip pliers bent, external 135x1,3 - 175 mm

Beta N.

- 31/SP6
- 38/SP6
- 42
- 90/S12X
- 96N/G7
- 96/SC12
- 97TX/B13
- 98XZN/G
- 111
- 606/20
- 720
- 920B/SB13
- 920B/SB8
- 920LP
- 920PH
- 920/21
- 920/22
- 920/25
- 920/35A
- 920/42
- 920/55
- 952
- 959
- 963
- 983
- 991
- 994
- 1032
- 1034
- 1036
- 1038

Quantity/Description

- 1 slip joint pliers 250 mm
- 1 self locking pliers, double adjustment
- 1 heavy duty diagonal cutting nippers 160 mm
- 1 toggle lever assisted end cutting nippers 180 mm
- 1 tin snips 250 mm
- 1 tin snip, straight narrow blades 250 mm
- 1 electrician's scissors, straight blades
- 1 half-round needle nose pliers 180 mm
- 1 screwdrivers for slotted head screws 160 mm
- 1 bent needle nose pliers 200 mm
- 7 screwdrivers for cross head Phillips® screws 3x75 - 3,5x100 - 4x125 - 5,5x150 - 6,5x150 - 10x200 - 12x250 mm
- 1 screwdrivers for slotted head screws with hexagon bolsters 12x200 mm
- 3 screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm
- 2 engineer's hammer 300 - 600 g
- 1 soft face hammer Ø 35 mm
- 11 roller stud extractors 6+12 mm
- 1 adjustable oil filter wrench
- 1 circuit tester
- 1 measuring tape 5 m
- 1 metric feeler gauge
- 1 flexible magnetic pick-up tool 1,8 kg
- 1 two cutting edges scraper 200 mm
- 1 three - cutting edges scraper 200 mm
- 5 second cut files 200 mm
- 1 hacksaw frame, aluminium handle
- 1 metal oil can 200 cc
- 1 snap - off blade utility knife

Beta N.

- 1048
- 1051
- 1084BM
- 1092V
- 1112
- 1114
- 1128BMX
- 1150BM
- 1166BM
- 1168BM
- 1260
- 1260E
- 1262
- 1370
- 1390
- 1433/C11
- 1491
- 1498
- 1692
- 1708/20
- 1712E/2
- 1717A
- 1717B
- 1719BMA/S5
- 1725
- 1751
- 1771

€

2.580,00

5.770,00

6.370,00

€

5.770,00

6.370,00

5.770,00

€

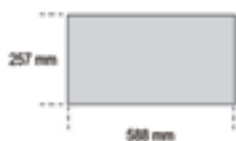
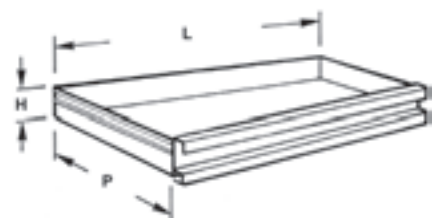
6.370,00



## Soft thermoformed trays M-series



Assortment of tools in thermoformed trays,  
designed for roller cabs C22S, C23S, C23SC.



### MC82



€  
230,00  
24,00

### MC91



€  
167,50  
24,00

### MC131



€  
79,00  
24,00

### MC10



€  
140,00  
24,00

### MC153



€  
68,00  
24,00

### MC220

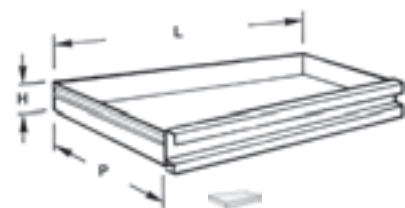


€  
30,00  
24,00

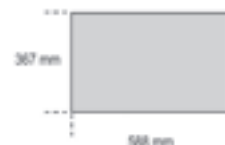
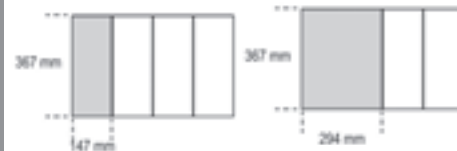
## Soft thermoformed trays M-series

Assortment of tools in thermoformed trays,  
designed for all roller cabs and trolleys.

The heights of drawers C1 and C2 are shown in order  
to choose the most suitable thermoformed tray.  
Near each thermoformed tray you will find the height  
of the drawer it is suitable for.



C1  
C2



### M15



€  
140,00  
20,50

**M16**

42 22-24-27-30-32 mm

2100 g

**C2**

M16	1	024500016
MV16	1	024510016

**M45**142 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1300 g

**C2**

M45	1	024500045
MV45	1	024510045

**M63**

952 7-8-10-12-13-14-17-19 mm

3400 g

**C1-C2**

M63	1	024500063
MV63	1	024510063

**M33**55 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
96/SC9 1,5±10 mm

1100 g

**C2**

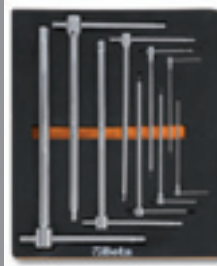
M33	1	024500033
MV33	1	024510033

**M46**142SN 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1400 g

**C2**

M46	1	024500046
MV46	1	024510046

**M69**951 2,5-3-4-5-6-8  
10-12-14 mm

1800 g

**C1-C2**

M69	1	024500069
MV69	1	024510069

**M38**55 21x23-24x26  
27x29-30x32 mm

1700 g

**C1-C2**

M38	1	024500038
MV38	1	024510038

**M50**96T 2-2,5-3-4-5  
6-7-8 mm

1300 g

**C1-C2**

M50	1	024500050
MV50	1	024510050

**M75**933 7-8-9-10-11-12-13-14-15  
16-17-18-19-21-22-24 mm

5500 g

**C2**

M75	1	024500075
MV75	1	024510075

**M40**90 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19 mm

810 g

**C2**

M40	1	024500040
MV40	1	024510040

**M82**920A 10-11-12-13-14  
15-16-17-18-19  
20-21-22-23-24  
26-27-30-32 mm  
920/ME 5-6-8-10-12 mm  
920AN/125 125 mm  
920/22 255 mm  
920/25  
920/42  
920/55

4100 g

**12"****C2**

M82	1	024500082
MV82	1	024510082





## M91



- 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
MV90	1	024510090

## M153



- 1048 250 mm
- 1052 240 mm

1000 g

C1-C2



M153	1	024500153
MV153	1	024510153

## M234



- 35 100-200 mm
- 1370 300 g
- 1390 Ø 35 mm

1300 g

C1-C2



M234	1	024500234
MV232	1	024510232

## M92



- 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

38"

C2



M92	1	024500092
MV92	1	024510092

## M170



- 1290 2,5x50
- 3x75
- 3,5x100
- 4x125
- 5,5x100
- 5,5x150
- 6,5x150 mm

450 g

C1-C2



M170	1	024500170
MV170	1	024510170

## M236



- 1719BMA/Q 200 mm
- ▲ 1719BMA/T 200 mm
- 1719BMA/P 200 mm
- ▶ 1719BMA/M 200 mm
- 1719BMA/R 200 mm

870 g

C1 - C2



M236	1	024500236
MV236	1	024510236

## M131



- 1084BM 160 mm
- 1150BM 180 mm
- 1166BM 160 mm

750 g

C1-C2



M131	1	024500131
MV131	1	024510131

## M172



- ⊕ 1292 PH0x60
- PH0x100
- PH1x80
- PH1x120
- PH2x100
- PH2x150 mm

450 g

C1-C2



M172	1	024500172
MV172	1	024510172

## M300



- 1927A ○ 720 12-13-14-15-16-17-18-19-21-22-24-27 mm
- 720/21

4,7 kg

12"

C2



M300	1	024500300
MV300	1	024510300

## M145



- 1032 180 mm
- 1034 170 mm
- 1036 175 mm
- 1038 175 mm

640 g

C1-C2



M145	1	024500145
MV145	1	024510145

## M310



- 1927CD ○ 720 12-13-14-15-16-17-18-19-21-22-24-27 mm
- 720/21

4,0 kg

12"

C2



M310	1	024500310
MV310	1	024510310

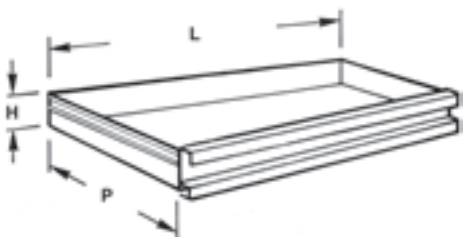


# Hard thermoformed trays T-series

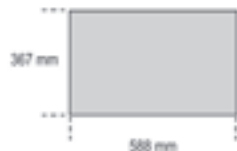
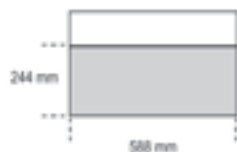
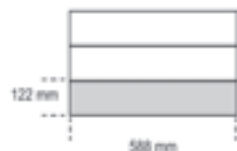
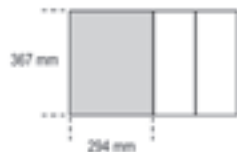
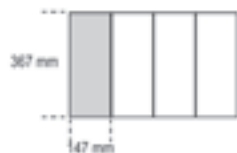


Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.

The heights of drawers C1 and C2 are shown in order to choose the most suitable thermoformed tray. Near each thermoformed tray you will find the height of the drawer it is suitable for.



	H mm	LxP mm
C1	50	588x367
C2	70	588x367



## T10



42 6-7-8-10-11-12-13  
14-16-17-18-19-21  
22-24-27-30 mm

2710 g



T10	1	024240010
TV10	1	024000400

## T15



42 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1500 g



T15	1	024240015
TV15	1	024000445

## T16



42 22-24-27-30-32 mm

2100 g



T16	1	024240016
TV16	1	024000446

## T18



42MP 6-7-8-9-10-11-12  
13-14-15-16-17  
18-19-20-21 mm

1500 g



T18	1	024240018
TV15	1	024000445

## T19



42MP 22-24-27-30-32 mm

2100 g



T19	1	024240019
TV16	1	024000446

## T22



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

1040 g



T22	1	024240022
TV20	1	024000488

## 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 1,5+10 mm

2940 g



T31	1	024240031
TV30	1	024000401

## T33



55 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
96/SC9 1,5+10 mm

1050 g



T33	1	024240033
TV20	1	024000488

**T34**

55MP 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19  
20x22 mm  
○96/SC9 1,5+10 mm

1050 g

**C2**

T34 1 024240034  
TV20 1 024000488

**T46**

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

1450 g

**C2**

T46 1 024240046  
TV46 1 024000499

**T53**

○96TBP 2,5-3-4-5-6 mm

300 g

**C1 - C2**

T53 1 024240053  
TV52 1 024000473

**T40**

90 6x7-8x9-10x11  
12x13-14x15  
16x17-18x19 mm

810 g

**C2**

T40 1 024240040  
TV40 1 024000456

**T48**

○96BPC/SC9 1,5+10 mm  
142C 8-9-10-11-12  
13-14-15-16  
17-18-19 mm

1400 g

**C2**

T48 1 024240048  
TV47 1 024000763

**T55**

○97TTX T10-T15-T20  
T25-T27-T30

330 g

**C1 - C2**

T55 1 024240055  
TV55 1 024000479

**T41**

90 20x22-21x23  
24x26-25x28  
27x29 mm

1550 g

**C2**

T41 1 024240041  
TV41 1 024000457

**T50**

○96T 2-2,5-3-3,5-4-4,5  
5-6-7-8-10 mm

1300 g

**C1 - C2**

T50 1 024240050  
TV50 1 024000412

**T59**

111 250 mm  
920/40 ■ 1/2  
951 2,5-3-4-5-6-8 mm  
953 4-5-6-8 mm  
1370 300 - 500 g

4160 g

**C2**

T59 1 024240059  
TV60 1 024000420

**T45**

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

1300 g

**C2**

T45 1 024240045  
TV45 1 024000498

**T52**

○96T 2-2,5-3-4-5-6 mm

350 g

**C1 - C2**

T52 1 024240052  
TV52 1 024000473





### T63



952 7-8-10-12-13-14-17-19 mm

3430 g

C1 - C2

T63	1 024240063
TV63	1 024000471

### T64



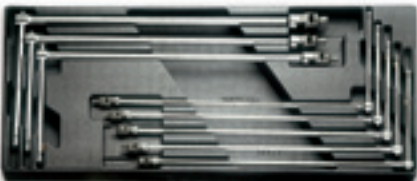
952FTX E10-E12-E14  
953TX T25-T27-T30-T40-T45

2420 g

C1 - C2

T64	1 024240064
TV63	1 024000471

### T65



953 3-3,5-4-5-6-7-8-10 mm

2510 g

C1 - C2

T65	1 024240065
TV63	1 024000471

### T68



951 2,5-3-4-5-6-8 mm

590 g

C1 - C2

T68	1 024240068
TV68	1 024000470

### T73



930 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm

940/1  
940/2

1,3 kg

C2

T73	1 024240073
TV73	1 024000418

### T75



933 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4155 g

C2

T75	1 024240075
TV75	1 024000422

### T76



932 7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24 mm

4155 g

C2

T76	1 024240076
TV75	1 024000422

### T77



933 6-7-8-10-11-12-13-14-17-19 mm

1440 g

C2

T77	1 024240077
TV77	1 024000474

### T79



80 8x9-10x11-12x13-14x15-16x17-18x19 mm

1300 g

C2

T79	1 024240079
TV79	1 024000490

## T80



- 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

4100 g

12"

C2



T80	1	024240080
TV80	1	024000403

## T85



- 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 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"

C1 - C2



T85	1	024240085
TV85	1	024000747

## T100



- 920A 10-12-13-14-15  
16-17-18-19-21  
22-24 mm
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- 920/55

2110 g

12"

C2



T100	1	024240100
TV100	1	024000495

## T81



- 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

4050 g

12"

C2



T81	1	024240081
TV80	1	024000403

## T82



- 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

4100 g

12"

C2



T82	1	024240082
TV80	1	024000403

## T91



- 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
- 900/25 115 mm
- 900BG/30 115 mm
- 900/42 115 mm
- 900/55

560 g

14"

C1 - C2



T91	1	024240091
TV90	1	024000447

## T102



- 920AS 3/8-7/16-1/2  
9/16-5/8-11/16  
3/4-13/16-7/8  
15/16-1.1/16
- 920/21 125 mm
- 920/25 305 mm
- 920/42 305 mm
- 920/55

2110 g

12"

C2



T102	1	024240102
TV100	1	024000495

## T92



- 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
- 910/25 210 mm
- 910/42 210 mm
- 910/55

1550 g

38"

C2



T92	1	024240092
TV92	1	024000458

## 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"

C1 - C2



T103	1	024240103
TV103	1	024000748

**Beta**



### T105



928A 22-24-27-30-32-34  
36-38-41-46-50 mm

4900 g **3/4"** **C2**

T105	1	024240105
TV105	1	024000484

### T113



920PE 5L-6L-7L-8L-10L  
920TX T40L-T45L  
T55L-T70L  
920XZN M6L-M8L-M12L

1450 g **12"** **C2**

T113	1	024240113
TV113	1	024000489

### T135



1082MQ 160 mm  
1150MQ 180 mm  
1166MQ 160 mm

1000 V

750 g **C1 - C2**

T135	1	024240135
TV135	1	024000762

### T106



928/21 200 mm  
928/22 380 mm  
928/42 450 mm  
928/55

4460 g **3/4"** **C2**

T106	1	024240106
TV106	1	024000485

### T120



606/20 40-200 Nm

1080 g **12"** **C2**

T120	1	024240120
TV120	1	024000483

### T140



1032 140x0,9 - 180 mm  
1034 170 mm  
1036 140x1,3 - 175 mm  
1038 175 mm  
1084 160 mm  
1128BM

1140 g **C1 - C2**

T140	1	024240140
TV140	1	024000405

### T110



720 10-11-12-13-14  
16-17-18-19-21  
22-23-24 mm  
720/21 125 mm

1830 g **12"** **C2**

T110	1	024240110
TV110	1	024000477

### T131



1084BM 160 mm  
1150BM 180 mm  
1166BM 160 mm

750 g **C1 - C2**

T131	1	024240131
TV130	1	024000451

### T142



1048 250 mm  
1052 240 mm  
1112 250 mm  
1150 180 mm

1760 g **C1 - C2**

T142	1	024240142
TV143	1	024000409

### 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

1320 g **C2**

T112	1	024240112
TV112	1	024000480

### T132



1084 160 mm  
1150 180 mm  
1166 160 mm

650 g **C1 - C2**

T132	1	024240132
TV130	1	024000451

### T145



1032 180 mm  
1034 170 mm  
1036 175 mm  
1038 175 mm

640 g **C1 - C2**

T145	1	024240145
TV145	1	024000448



### T146



- 1032 140x0,9 mm
- 1032 225 mm
- 1036 140x1,3 mm
- 1036 225 mm

700 g

C1 - C2



T146	1	024240146
TV146	1	024000449

### T160



- 1290 3x75
- 1290 3x100
- 1290 4x100
- 1290 4x150
- 1290 5,5x100
- 1290 5,5x150
- 1290 6,5x150
- 1290 8x150
- 1290 10x200 mm
- 1290N 4x30
- 1290N 6,5x30 mm

1120 g

C1 - C2



T160	1	024240160
TV160	1	024000706

### T167



- 1260 3x75
- 1260 3x100
- 1260 4x100
- 1260 4x150
- 1260 5,5x100
- 1260 5,5x150
- 1260 6,5x150
- 1260 8x150
- 1260 10x200 mm
- 1260N 4x30
- 1260N 6,5x30 mm

880 g



T167	1	024240167
TV160	1	024000706

### T151



- 1047 240 mm
- 1057A 240 mm

1300 g

C2



T151	1	024240151
TV150	1	024000462

### T161



- 1292 PH0x60
- 1292 PH0x100
- 1292 PH1x80
- 1292 PH1x120
- 1292 PH2x100
- 1292 PH2x150
- 1292 PH3x150 mm
- 1292N PH1x30
- 1292N PH2x30 mm

720 g

C1 - C2



T161	1	024240161
TV161	1	024000707

### T168



- 1262 PH0x60
- 1262 PH0x100
- 1262 PH1x80
- 1262 PH1x120
- 1262 PH2x100
- 1262 PH2x150
- 1262 PH3x150 mm
- 1262N PH1x30
- 1262N PH2x30 mm

710 g



T168	1	024240168
TV161	1	024000707

### T152



- 1048 250 mm
- 1084BM 160 mm
- 1150BM 180 mm

800 g

C1 - C2



T152	1	024240152
TV148	1	024000500

### T164



- 952 8-10-13-17-19 mm
- 959 16 mm (5/8") - 20,8 mm (13/16")
- 1260 3x75-4x100-5,5x100
- 1260 6,5x150-10x200 mm
- 1262 PH0x60-PH1x80
- 1262 PH2x100-PH3x150 mm

4960 g

C1 - C2



T164	1	024240164
TV61	1	024000721

### T170



- 1290 2,5x50
- 1290 3x75
- 1290 3,5x100
- 1290 4x125
- 1290 5,5x100
- 1290 5,5x150
- 1290 6,5x150 mm

450 g



T170	1	024240170
TV170	1	024000741

### T153



- 1048 250 mm
- 1052 240 mm

1000 g

C1 - C2



T153	1	024240153
TV150	1	024000462

### T171



- 1290 8x150
- 1290 8x200
- 1290 10x200 mm
- 1290N 4x30
- 1290N 6,5x30 mm

750 g



T171	1	024240171
TV171	1	024000742



**T172**

- ⊕ 1292 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

450 g

C1 - C2



T172	1	024240172
TV172	1	024000743

**T177**

- ⊕ 1298RTX T9-T10-T15  
T20-T25-T27  
T30-T40

680 g

C1 - C2



T177	1	024240177
TV177	1	024000759

**T199**

- 1260 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

490 g

C1 - C2



T199	1	024240199
TV170	1	024000741

**T173**

- ⊕ 1292 PH3x150  
PH4x200 mm
- ⊕ 1292N PH1x30  
PH2x30 mm

560 g

C1 - C2



T173	1	024240173
TV173	1	024000744

**T180**

- 1290 3x75  
4x100  
5,5x150  
6,5x150 mm
- ⊕ 1292 PH0x60  
PH1x80  
PH2x100 mm

480 g

C1 - C2



T180	1	024240180
TV180	1	024000701

**T201**

- 1260 8x200  
10x150  
10x200 mm
- 1260N 4x30  
6,5x30 mm

680 g

C1 - C2



T201	1	024240201
TV171	1	024000742

**T175**

- ⊕ 1297TX T6-T7-T8-T9  
T10-T15-T20

410 g

C1 - C2



T175	1	024240175
TV175	1	024000760

**T183**

- ⊕ 1292L PH1x400-PH2x400 mm
- 1294L 3x300-4x400-5x400 mm

580 g

C2



T183	1	024240183
TV183	1	024000497

**T202**

- ⊕ 1262 PH0x60  
PH0x100  
PH1x80  
PH1x120  
PH2x100  
PH2x150 mm

490 g

C1 - C2



T202	1	024240202
TV172	1	024000743

**T176**

- ⊕ 1297TX T25-T27-T30  
T40-T45

640 g

C1 - C2



T176	1	024240176
TV176	1	024000761

**T198**

- 1260 3x75  
4x100  
5,5x150  
6,5x150 mm
- ⊕ 1269PZ PZ0 - PZ1 - PZ2

490 g

C1 - C2



T198	1	024240198
TV170	1	024000741

**T204**

- ⊕ 1262 PH3x150  
PH4x200 mm
- ⊕ 1262N PH1x30  
PH2x30 mm

610 g

C1 - C2



T204	1	024240204
TV173	1	024000744

## T205



1267TX T6-T7-T8-T9  
T10-T15-T20

460 g

C1 - C2

1 024240205  
1 024000760

T205  
TV175

## T209



1262L PH1x400-PH2x400 mm  
1264L 3x300-4x400-5x400 mm

580 g

C2

1 024240209  
1 024000497

T209  
TV183

## T220



1201 3x75  
4x100  
5,5x150  
6,5x150 mm  
1202 PH0x60  
PH1x80  
PH2x100 mm

530 g

C1 - C2

1 024240220  
1 024000701

T220  
TV180

## T206



1267TX T25-T27-T30  
T40-T45

710 g

C1 - C2

1 024240206  
1 024000761

T206  
TV176

## T210



1201 2,5x50  
3x75  
3,5x100  
4x125  
5,5x100  
5,5x150  
6,5x150 mm

490 g

C1 - C2

1 024240210  
1 024000741

T210  
TV170

## T226



1274MQ 3x100  
4x100  
5,5x125  
6,5x150 mm  
1272MQ PH0x60  
PH1x80  
PH2x100 mm

1000 V

460 g

C1 - C2

1 024240226  
1 024000701

T226  
TV180

## T207



1268RTX T9-T10-T15  
T20-T25-T27-T30

760 g

C1 - C2

1 024240207  
1 024000758

T207  
TV207

## T212



1202 PH0x60  
PH1x80  
PH1x120  
PH2x100  
PH2x150  
PH3x150 mm

490 g

C1 - C2

1 024240212  
1 024000440

T212  
TV212

## T227



944BX 5-6-7-8-10-13 mm

490 g

C1 - C2

1 024240227  
1 024000705

T227  
TV227

## T208



1260 3x75  
4x100  
5,5x150  
6,5x150 mm  
1262 PH0x60  
PH1x80  
PH2x100 mm

530 g

C1 - C2

1 024240208  
1 024000701

T208  
TV180

## T215



1207TX T6-T7-T8-T9  
T10-T15-T20

410 g

C1 - C2

1 024240215  
1 024000760

T215  
TV175

## T231



1370 400 g  
1390 Ø 35 mm  
1719BMA/T 200 mm  
1719BMA/P 200 mm  
1719BMA/M 200 mm

1650 g

C2

1 024240231  
1 024000411

T231  
TV230



## T233



35	100-200 mm
1370F	32 mm
1390	Ø 35 mm

1300 g

C1 - C2



T233	1	024240233
TV232	1	024000452

## T234



35	100-200 mm
1370	300 g
1390	Ø 35 mm

1300 g

C1-C2



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

C1-C2



T236	1	024240236
TV235	1	024000453

## T241



1500N/1
1500N/3
1516/1

4200 g

C2



T241	1	024240241
TV241	1	024000414

## T250

### Automotive



34	150 mm
83/S3	11x13-14x17 19x22 mm
1458	175 mm
1491	
1603	
1708/13	0,05+1 mm

1430 g

C1 - C2



T250	1	024240250
TV250	1	024000408

## T256

### Automotive



956E	16 mm (5/8) - 20,8 mm (13/16)
956L	16 mm (5/8) - 20,8 mm (13/16)
959	16 mm (5/8) - 20,8 mm (13/16)
1164	200 mm
1708/20	0,05+1 mm

3180 g

C2



T256	1	024240256
TV256	1	024000467

## T259



- 96BP 2,5-3-4-5  
6-8-10 mm
- 96N 12 mm
- 861MIX/S31
- 895/1

450 g

C2



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	Δ 9,5
1494XZN	○ 16
1496C	■ 8x ■ 10 mm

T264	1	024240264
TV261	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

4280 g

C2



T270	1	024240270
TV270	1	024000481

## 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"

2100 g

C2



T273	1	024240273
TV272	1	024000482

## T281



1741B	250 mm
1741RV2,9K	2,9x6 mm (100)
1741RV3,2K	3,2x8 mm (100)
1741RV3,8K	3,8x10 mm (100)
1741RV4K	4x12 mm (100)

1420 g

C2



T281	1	024240281
TV280	1	024000478

**Beta**

## T285



1112	250 mm
1128BM	-
1726	400 mm
1728BM	(5)
1753	200 cc

1550 g



T285	1	024240285
TV285	1	024000487

## T289



1692	5 m
1725CR	-
1755	30 cc
1771	-

500 g



T289	1	024240289
TV290	1	024000455

## T291



1479RB/1
1479RB/2
1479RB/3

600 g



T291	1	024240291
TV291	1	024000472

## T296



1651DGT	
1682	300 mm
1691BG	5 m

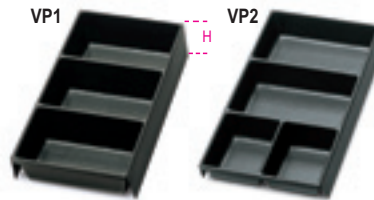
490 g



T296	1	024240296
TV296	1	024000749

## VP1 - VP2

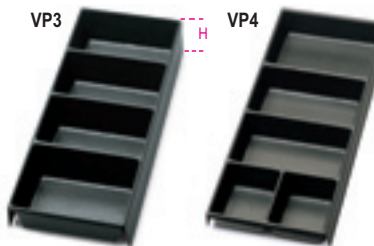
thermoformed trays for small items, made from plastic for all roller cabs C22, C23, C23C



	H mm	
VP1	50	1 088880351
VP2	35	1 088880352

## VP3 - VP4

thermoformed trays for small items, made from plastic for all roller cabs and all trolleys



	H mm	
VP3	50	1 088880353
VP4	35	1 088880354

## VP5

thermoformed tray



VP5	1	088880355
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## VP6

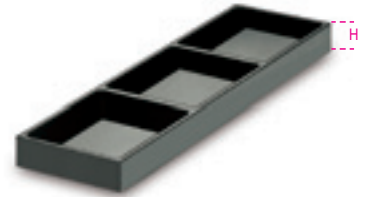
thermoformed tray



VP6	1	088880359
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## VP-3SC

thermoformed tool trays, made from plastic, for mobile roller cab C38



	H mm	
VP-3SC	45	1 088880356

## VP-LS

thermoformed tool trays, made from plastic, for mobile roller cab C38



	H mm	
VP-LS	45	1 088880357

## VP-LD

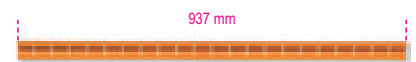
thermoformed tool trays, made from plastic, for mobile roller cab C38



	H mm	
VP-LD	45	1 088880358

## GA/C38-C

supporting unit for item C38



GA/C38-C	5	088880370
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## GA/C38-SX

supporting unit for item C38



GA/C38-SX	5	088880372
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**Beta**

### GA/C38-DX

supporting unit for item C38



GA/C38-DX

5 088880371

### SL/C38

longitudinal partition for item C38

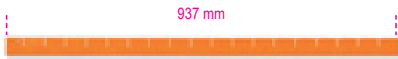


SL/C38

5 088880381

### ST/C38-C

transverse partition for item C38

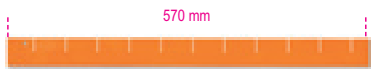


ST/C38-C

5 088880391

### ST/C38-SX

transverse partition for item C38

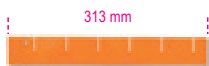


ST/C38-SX

5 088880393

### ST/C38-DX

transverse partition for item C38



ST/C38-DX

5 088880392

### GA/C41

supporting unit for item C41



GA/C41

5 088880340

### SL/C41

longitudinal partition for item C41

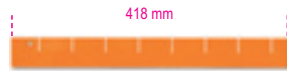


SL/C41

5 088880341

### ST/C41

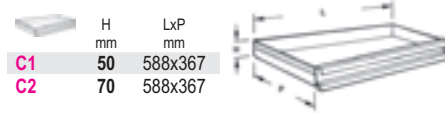
transverse partition for item C41



ST/C41

5 088880346

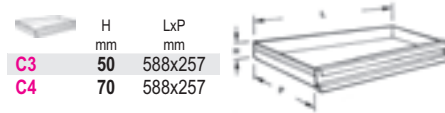
Partitions for mobile roller cabs and trolleys



C1 50 588x367

C2 70 588x367

Partitions for tool chests C22, C23, C23C



C3 50 588x257

C4 70 588x257

### GA

supporting unit



GA

10 088880300

### SL1 - SL2

longitudinal partitions



SL1

10 088880301

SL2

10 088880302

### SL3 - SL4

longitudinal partitions



SL3

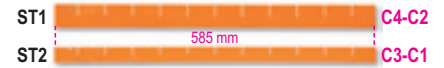
10 088880303

SL4

10 088880304

### ST1 - ST2

transverse partitions



ST1

10 088880311

ST2

10 088880312

### GL1 - GL2

partition combinations, parallel



GL1

1 088880321

GL2

1 088880322

### GL3 - GL4

partition combinations, parallel



GL3

1 088880323

GL4

1 088880324

### TL1 - TL2

partition combinations, crossed



TL1

1 088880331

TL2

1 088880332

### TL3 - TL4

partition combinations, crossed



TL3

1 088880333

TL4

1 088880334

### SB

socket rails



SB1

210

10 088880201

SB2

280

10 088880202

SB3

360

10 088880203



## MB

socket clips for rails SB



	□		
MB0	1/4	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

## TV - TOV

perforated sheet steel panel



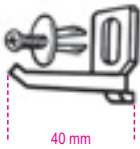
with support

TV		2	088880001
46x75 cm			

without support

TOV		2	088880002
46x75 cm			

## KIT/GPS



KIT/GPS		50	088880119
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## VE1



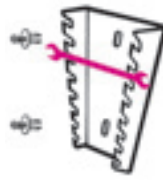
VE1		20	088880120
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## GM



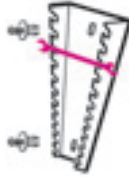
∅			
mm			
6,5		5	088880250
9,5		5	088880251
13		5	088880252
16		5	088880253
19		5	088880254
25		5	088880255

## S55/8



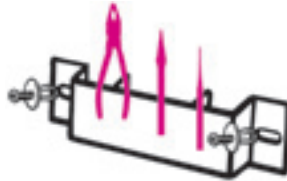
S55/8		1	088880400
55-55MP:	6x7-8x9-10x11		
	12x13-14x15-16x17		
	18x19-20x22 mm		

## S55/12



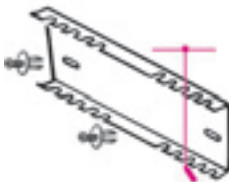
S55/12		1	088880401
55-55MP:	6x7-8x9-10x11		
	12x13-14x15-16x17		
	18x19-20x22-21x23		
	24x26-25x28-30x32 mm		

## TSPP



TSPP		1	088880402
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## S952



S952		1	088880403
952:	6-7-8-10-11		
	12-13-14-17-19 mm		

## S1719BM



S1719BM		1	088880404
1719BMA:	Q-T-P-M-R		
1719BMD:	Q-T-P-M-R		

## SGN

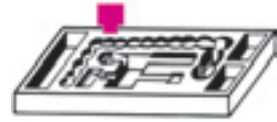


SGN		1	088880405
1290N-1292N-1299N/PZ			
1260N-1262N-1269N/PZ			
1201N-1202N			

## CB/2

only for C54

12"



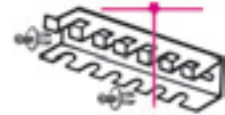
CB/2		1	088880411
920A/920B			
10+24+26-27			
28-30-32 mm			

## S42/18



S42/18		1	088880408
42-42MP:	6+22+24 mm		
	42-42MP:	6+14+16-17	
	18-19-21-22-24-27-30 mm		

## S951/6



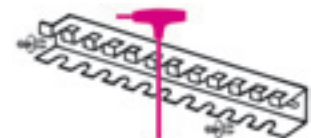
S951/6		1	088880409
951:	2,5-3-4-5-6-8 mm		

## SP G9 - SP G11



SP G9		1	088880909
n.6 ∅ = 7 mm			
n.2 ∅ = 10 mm			
n.1 ∅ = 12 mm			
SP G11		1	088880910
n.8 ∅ = 7 mm			
n.2 ∅ = 10 mm			
n.1 ∅ = 12 mm			

## 96T/SPV



96T/SPV		1	000960958
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## **Blister pack range** *for your free-service sales!*



**Increased visibility**

**Bar code**

**Display efficiency**

**BLISTER PACK SUPPORT:**

- tearproof PVC
- 3 formats for optimized display space
- New-generation fixing system with elastic band



## 42K



mm		
6x6	5	000429006
7x7	5	000429007
8x8	5	000429008
9x9	5	000429009
10x10	5	000429010
11x11	5	000429011
12x12	5	000429012
13x13	5	000429013
14x14	5	000429014
15x15	5	000429015
16x16	5	000429016
17x17	5	000429017
18x18	5	000429018
19x19	5	000429019
20x20	3	000429020
21x21	3	000429021
22x22	3	000429022
23x23	3	000429023
24x24	3	000429024
27x27	2	000429027
30x30	2	000429030
32x32	2	000429032

## 55K



mm		
6x7	5	000559012
8x9	5	000559021
10x11	5	000559030
12x13	5	000559042
14x15	5	000559054
16x17	5	000559060
18x19	2	000559066
20x22	2	000559075

## 93K



mm		
21x22	3	000939021

## 96/SC9



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

## 96BPA/SC9



96BPA/SC9	1	000961974
1,5-2-2,5-3-4-5-6-8-10 mm		

## 96BPC/SC9



96BPC/SC9	1	000960354
1,5-2-2,5-3-4-5-6-8-10 mm		

## 96LBP/SC9



96LBP/SC9	1	000961354
1,5-2-2,5-3-4-5-6-8-10 mm		

## 96/BGS7



96/BGS7	1	000960367
1,5-2-2,5-3-4-5-6 mm		

## 96/BG7



96/BG7	1	000960368
2,5-3-4-5-6-8-10 mm		

## 96TK



mm		
2	5	000969934
2,5	5	000969935
3	5	000969936
4	5	000969938
5	5	000969940
6	5	000969941

## 97BTX/SC8



97BTX/SC8	1	000970164
T9-T10-T15-T20-T25-T27-T30-T40		

## 111K



L mm		
150	5	001119015
200	5	001119020
250	5	001119025

 **Beta**



### 123/K4



123/K4 1 001230504

### 142K



L mm		
8	3	001429008
10	3	001429010
13	3	001429013
17	2	001429017
19	2	001429019

### 192/S2



192/S2 1 001920070  
8x10/12x13  
16x17/18x19 mm

### 195K



mm		
8x10	2	001959010
12x13	2	001959013
14x15	2	001959015
16x18	2	001959018
17x19	2	001959019

### 850MQ



850MQ 1 008500910

### 860/C27



860/C27 1 008600880

### 860MIX/A10



860MIX/A10 1 008600900

### 860TX/A10



860TX/A10 1 008600970

### 860MIX/A31



860MIX/A31 1 008600902

### 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



900/20LK 5 009009819

### 900/25K



900/25K 5 009009830

**Beta**

### 900BG/30K

1/4"



L mm	5	009009834
------	---	-----------

### 900/55K

1/4"



L mm	5	009009870
------	---	-----------

### 920AK

12"



mm	5	009209010
10	10	009209011
11	10	009209012
12	10	009209013
13	10	009209014
14	10	009209015
15	10	009209016
16	10	009209017
17	10	009209018
18	10	009209019
19	10	009209020
20	5	009209021
21	5	009209022
22	5	009209023
23	5	009209024
24	5	009209025
25	5	009209026
26	5	009209027
27	5	009209028
28	5	009209029
29	5	009209030
30	5	009209031
32	5	009209032

### 920/21K

12"



L mm	5	009209822
------	---	-----------

### 920/25K

12"



L mm	5	009209830
------	---	-----------

### 920/55K

1/2"



L mm	3	009209882
------	---	-----------

### 935K



mm	5	009359105
6x7	5	009359111
8x9	5	009359115
10x11	5	009359117
12x13	5	009359126
14x15	5	009359128
16x17	5	009359131
18x19	3	009359138
20x22		

### 937K



mm	5	009379006
6x6	5	009379007
7x7	5	009379008
8x8	5	009379009
9x9	5	009379010
10x10	5	009379011
11x11	5	009379012
12x12	5	009379013
13x13	5	009379014
14x14	5	009379015
15x15	5	009379016
16x16	5	009379017
17x17	5	009379018
18x18	5	009379019
19x19	5	009379020
20x20	3	009379021
21x21	3	009379022
22x22		

### 951K



mm	5	009519525
2,5	5	009519530
3	5	009519540
4	5	009519550
5	5	009519560
6	5	009519580
8		

### 1032K

1/2"



L mm	5	010329017
------	---	-----------

### 1034K

1/2"



L mm	5	010349017
------	---	-----------

### 1036K

1/2"



L mm	5	010369017
------	---	-----------

### 1038K

1/2"



L mm	5	010389017
------	---	-----------

### 1044K

1/2"



L mm	5	010449250
------	---	-----------

### 1048K

1/2"



L mm	5	010489250
------	---	-----------



**1048VK**

L			
mm			
250		5	010489025

**1052K**

L			
mm			
190		3	010529019
240		3	010529024

**1082BMK**

L			
mm			
160		3	010829036

**1084BMK**

L			
mm			
160		3	010849036

**1098K**

L			
mm			
190		5	010989190
220		5	010989220

**1122K**

L			
mm			
250		2	011229020

**1123K**

L			
mm			
250		2	011239020

**1124K**

L			
mm			
250		2	011249020

**1128BCX**

L			
mm			
155		5	011280080

**1128BSX**

L			
mm			
145		5	011280060

**1128BMX**

L			
mm			
145		5	011280050

**1128BTX**

L			
mm			
155		5	011280070

**1130BMX**

L			
mm			
200		1	011300000

**1142BMK**

L			
mm			
160		3	011429036

**1149F**

L			
mm			
175		1	011490010

**1150BMK**

L			
mm			
160		3	011509036
180		3	011509038
200		3	011509040

**1162BMK**

L			
mm			
160		3	011629036

**1166BMK**

L			
mm			
160		3	011669036



## 1168BMK



L mm			
160	3		011689036

## 1201K



SxAxL mm			
0,4x2,5x50	5		012019003
0,5x3x75	5		012019009
0,6x3,5x100	5		012019021
0,8x4x100	5		012019030
0,8x4x125	5		012019033
1,0x5,5x100	5		012019039
1,0x5,5x150	5		012019042
1,2x6,5x150	5		012019051
1,2x8x150	3		012019057
1,6x10x200	3		012019066

## 1201NK



SxAxL mm			
0,8x4x30	3		012019103
1,2x6,5x30	3		012019106

## 1202K



PHxDxL mm			
0x3x60	5		012029003
1x4,5x80	5		012029009
2x6x100	5		012029018
3x8x150	3		012029024

## 1202NK



PHxDxL mm			
1x4,5x30	3		012029103
2x6x30	3		012029106

## 1207TXK



T6	5		012079006
T7	5		012079007
T8	5		012079008
T9	5		012079009
T10	5		012079010

T15	5		012079015
T20	5		012079020
T25	5		012079025
T27	5		012079027
T30	5		012079030

## 1209PZK



PZ			
0	5		012099000
1	5		012099003
2	5		012099006
3	3		012099009

## 1253



SxAxL mm			
0,5x3,5x100	5		012530001

## 1254



SxAxL mm			
0,5x3x44	5		012540001

## 1603B/K



mm <sup>2</sup>			
0÷8	2		016039010

## 1691BG



L m	S mm		
3	19	5	016910103
5	25	5	016910105
8	25	3	016910108
10	25	2	016910110

## 1692



L m	S mm		
2	16	5	016920052
3	16	5	016920053
5	19	5	016920055
8	25	5	016920058

## 1729CG



L mm			
310	2		017290200

## 1729DM 450



L mm			
450	4		017290450

## 1741B



250 mm					
Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741B	1		017410000
-------	---	--	-----------

## 1741U



200 mm					
Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741U	1		017410450
-------	---	--	-----------

**1762K**

Ø  
mm  
2-2,5-3  
3,5-4-4,5

2

017629001

**1771**

1771

10

017710000

**1771BM**

L mm  
170

A mm  
18

10

017710050

**1773A**

L mm  
180

A mm  
25

10

017730000

**1777T**

L mm  
160

A mm  
19

L1 mm  
65

5

017770030

**1783**

L mm  
215  
240

5  
5

017830021  
017830024

**1834S**

L mm  
150

1

018340010

**1834M**

L mm  
140

1

018340020

**1834L**

L mm  
210

1

018340025

**1834XL**

L mm  
315

1

018340030

**1837**

L mm  
450

1

018370001

**1847K**

CE



L mm  
180

1

018470101



**Beta**  
**SHOP**  
*in shop*



# Beta SHOP *in Shop*



**DISPLAY UNITS  
FOR SALES  
POINTS**



### 38/DS1

wall-mounted display  
with 75 punches



495x260x332 mm

display  
with assortment



**38/DS1** 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

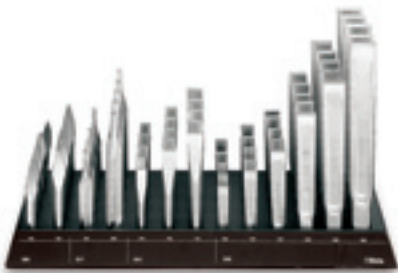
empty  
display



**38/DVS1** 1 000380751

### 38/DS2

wall-mounted display  
with 65 chisels



495x260x332 mm

display  
with assortment



**38/DS2** 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

### 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



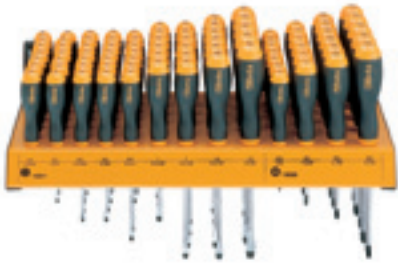
**943BG-MQ/DV** 1 009430285



### 1203/E1P

wall-mounted display with 82 screwdrivers

**BetaEASY**



495x260x310 mm

display with assortment  
1203/E1P 1 012030301

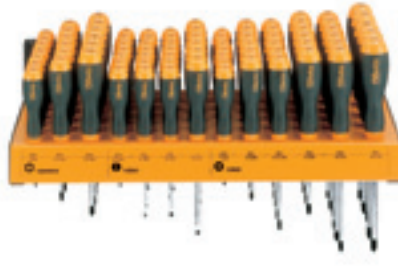
		n.
● 1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100	7
	0,8x4x100 - 0,8x4x125 mm	
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
	1,2x8x150 mm	5
⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH2x6x100 mm	6
	PH3x8x150 mm	5

empty display  
1203/EV1P 1 012030351

### 1203/E5P

wall-mounted display with 82 screwdrivers

**BetaEASY**



495x260x310 mm

display with assortment  
1203/E5P 1 012030305

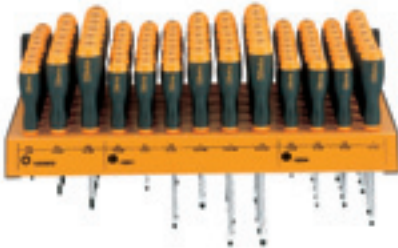
		n.
⊕ 1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH1x4,5x120	6
	PH2x6x100 - PH2x6x150 mm	
	PH3x8x150 mm	5
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
1203/EV5P 1 012030355

### 1203/E4P

wall-mounted display with 85 screwdrivers

**BetaEASY**



495x260x310 mm

display with assortment  
1203/E4P 1 012030304

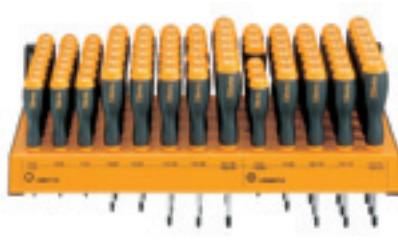
		n.
● 1201	0,4x2,5x50 - 0,5x3x75 - 0,8x4x125 mm	7
	1,0x5,5x100 - 1,0x5,5x150 - 1,2x6,5x150 mm	6
● 1204	0,4x2,5x60 - 0,5x3x100 - 0,8x4x100 mm	7
	1,0x5x125 mm	6
⊕ 1209PZ	PZ0x3x60 mm	7
	PZ1x4,5x80 - PZ2x6x100 mm	6

empty display  
1203/EV4P 1 012030354

### 1203/E10P

wall-mounted display with 80 screwdrivers

**BetaEASY**



495x260x310 mm

display with assortment  
1203/E10P 1 012030310

		n.
⊖ 1207TX	T6	4
	T7	3
	T8	7
	T9 - T10 - T15 - T20 - T25	6
	T27 - T30	3
⊕ 1208TX	T9 - T10	3
	T15 - T20 - T25	6
	T27 - T30	3

empty display  
1203/EV10P 1 012030360

### 1263/E80

wall-mounted and counter display with 80 screwdrivers

**GRIP**



467x325x450 mm

display with assortment  
1263/E80 1 012630500

		n.	
● 1260	2,5x50 mm	4	
	2,5x75 mm	2	
	3x75 mm	5	
	3x100 mm	3	
	3,5x100 mm	4	
	4x100 mm	5	
	4x125 mm	3	
	5,5x125 mm	5	
	5,5x150 - 6,5x125 mm	3	
	6,5x150 mm	5	
	8x200 mm	2	
● 1260N	4x30 - 6,5x30 mm	2	
⊕ 1262	PH0x60 mm	5	
	PH0x100 mm	3	
	PH1x80 mm	5	
	PH1x120 mm	4	
	PH2x100 mm	5	
	PH2x150 mm	4	
	PH3x150 mm	2	
	⊕ 1262N	PH1x30 - PH2x30 mm	2

empty display  
1263/EV80 1 012630501

**Beta**

### 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	
	8x150 mm	4
● 1260E	10x200 mm	3
	12x250 mm	2
● 1260N	4x30 - 6,5x30 mm	6

empty  
display



**1263/EV85** 1 012630551

### 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/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/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
	PH10 - T15 - T20	6
	T25	5
	T27 - T30	4
	T40 - T45	2

empty  
display



**1263/EV62** 1 012630591

### 1263/E39

wall-mounted display  
with 39 screwdrivers



330x260x257 mm

display  
with assortment



**1263/E39** 1 012630595

		n.
⊕ 1268RTX	T9x60 - T10x80 - T15x80	6
	T20x100 - T25x100 mm	
	T27x115 mm	4
	T30x115 mm	3
	T40x130 mm	2

empty  
display



**1263/EV39** 1 012630596

### 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

		n.
⊕ 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 1 012730651

### 1293BX/DB

wall-mounted display with 89 screwdrivers



495x260x332 mm

display with assortment 1 012930702

		n.
● 1290	2,5x50 - 3x75 - 3x100 - 3,5x100	7
	4x100 - 4x125 - 5,5x100 - 5,5x150 mm	6
	6,5x150 mm	6
	8x150 mm	5
● 1290N	4x30 - 6,5x30 mm	6
● 1290E	10x175 - 12x200 mm	5

empty display 1 012930752

### 1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display with assortment 1 012930704

		n.
● 1294	2,5x60 - 3x75 - 3x100 - 4x100	7
	4x150 - 5x125 mm	6
	6,5x150 mm	6

empty display 1 012930754

### 1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display with assortment 1 012930701

		n.
● 1290	3x75 - 3,5x100 - 4x100 - 4x125	7
	5,5x100 - 5,5x150 mm	6
	6,5x150 mm	6
	8x150 mm	3
	10x200 mm	2
● 1290N	4x30 - 6,5x30 mm	3
⊕ 1292	PH0x60 - PH1x80 mm	7
	PH2x100 mm	6
	PH3x150 mm	5
⊕ 1292N	PH1x30 - PH2x30 mm	3

empty display 1 012930751

### 1293BX/DC

wall-mounted display with 80 screwdrivers



495x260x332 mm

display with assortment 1 012930703

		n.
⊕ 1292	PH0x60 - PH0x100 - PH1x80	7
	PH1x120 - PH1x150 mm	6
	PH2x100 - PH2x150 mm	6
	PH3x150 - PH4x200 mm	5
⊕ 1292N	PH1x30 - PH2x30 mm	6
⊕ 1292E	PH2x150 mm	6
	PH3x175 mm	5

empty display 1 012930753

### 1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display with assortment 1 012930705

		n.
⊕ 1299PZ	PZ0x60 - PZ1x80 mm	7
	PZ2x100 mm	6
	PZ3x150 - PZ4x200 mm	5
⊕ 1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty display 1 012930755

### 1293BX/DF

wall-mounted display with 59 screwdrivers



330x260x332 mm

display  
with assortment

1293BX/DF 1 012930706

	n.
1297TX T6 - T8 - T10 - T15 - T20 - T25	7
T27 - T30	6
T40	5

empty  
display

1293BX/DVF 1 012930756

### 1293BX/E159

counter display with 159 screwdrivers



620x320x450 mm

display  
with assortment

1293BX/E159 1 012930120

	n.
1290 2,5x50 - 2,5x75 mm	4
3x75 - 3,5x100 - 3,5x125 - 4x75	8
4x100 - 4x125 mm	
5,5x100 - 5,5x150 - 6,5x100 - 6,5x150 mm	7
8x200 - 10x200 mm	3
1290N 4x30 - 6,5x30 mm	3
1292 PH0x60 - PH0x100 mm	8
PH1x80 - PH1x120 - PH1x150	7
PH2x100 - PH2x150 mm	
PH3x150 mm	6
1292N PH1x30 - PH2x30 mm	3

empty  
display

1293BX/EV159 1 012930121

### C68

Beta wall display, empty



1000x560x2200 mm

	n.
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

### C68 G

"gondola" display



1000x1120x1600 mm

	n.
C68 G/1 1 m	1 068000051
C68 G/2 2 m	1 068000052
C68 G/3 3 m	1 068000053
C68 G/4 4 m	1 068000054

### C88 R/1

Robur wall display, empty



1000x560x2200 mm

C88 R/1 1 088000001



### 6888

hooks for displays C60 - C61 - C68 - C88



	n.
6888 S1	10 068880011
6888 S2	10 068880012
6888 D1	5 068880021
6888 D2	5 068880022
6888 D4	5 068880024
6888 D5	5 068880025
6888 T1	5 068880031
6888 T2	5 068880032
6888 CT	1 068880044



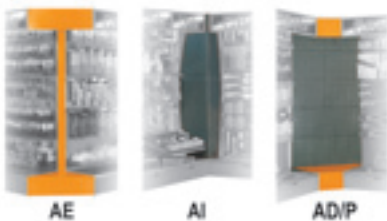
## 6800 VE

showcase for wall displays C68 and C68 R/1

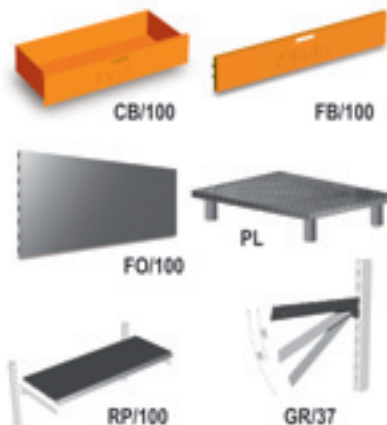


6800 VE/1	1 m	1	068000401
6800 VE/2	2 m	1	068000402
6800 VE/3	3 m	1	068000403
6800 VE/4	4 m	1	068000404
6800 VE/5	5 m	1	068000405

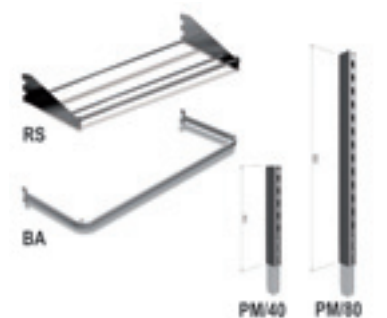
## ACCESSORIES



6800 AE		1	068000145
6800 AI		1	068000140
6800 AD/P		1	068000143



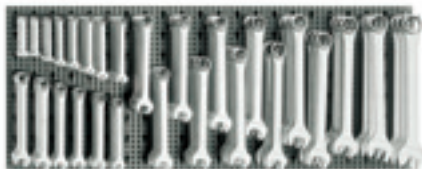
6800 CB/100		1	068000104
6800 FB/100		1	068000109
6800 FO/100		1	068000108
6800 PL		1	068000137
6800 RP/100		1	068000150
6800 GR/37		1	068000159



6800 BA		1	068000130
6800 RS		1	068000135
6800 PM/40		1	068000171
6800 PM/80		1	068000172

## 6600 M/10

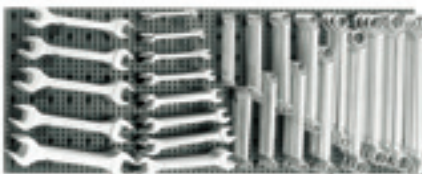
assortment of 178 tools, with hooks without panel



6600 M/10		1	066000010
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## 6600 M/21

assortment of 127 tools, with hooks without panel



6600 M/21		1	066000021
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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/30

assortment of 18 tools, with hooks without panel



6600 M/30		1	066000030
-----------	--	---	-----------

## 6600 M/38

assortment of 107 tools with hooks without panel



6600 M/38		1	066000038
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## 6600 M/39

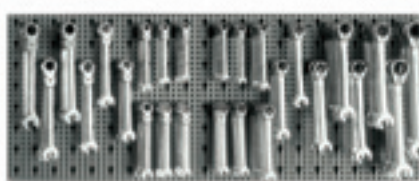
assortment of 77 tools, with hooks without panel



6600 M/39		1	066000039
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## 6600 M/40

assortment of 100 tools, with hooks without panel



6600 M/40		1	066000040
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### 6600 M/47

assortment of 65 tools,  
with hooks without panel

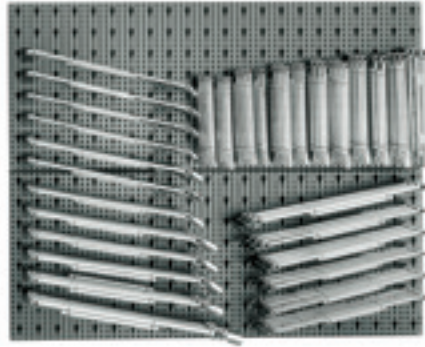


6600 M/47



### 6600 M/60

assortment of 118 tools,  
with hooks without panel



6600 M/60



### 6600 M/74

assortment of 68 tools  
with hooks without panel



6600 M/74



### 6600 M/51

assortment of 257 tools  
with hooks without panel

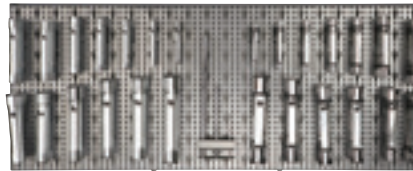


6600 M/51



### 6600 M/63

assortment of 110 tools  
with hooks without panel



6600 M/63



### 6600 M/75

assortment of 82 tools  
with hooks without panel



6600 M/75



### 6600 M/52

assortment of 176 tools  
with hooks without panel



6600 M/52



### 6600 M/73

assortment of 68 tools  
with hooks without panel



6600 M/73



### 6600 M/112

assortment of 329 tools,  
with hooks without panel



6600 M/112



### 6600 M/58

assortment of 150 tools  
with hooks without panel



6600 M/58



### 6600 M/116

assortment of 306 tools,  
with hooks without panel



6600 M/116

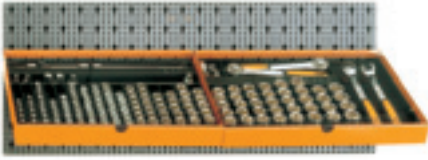




 **Beta**

ISO 9001

### 6600 M/120

assortment of 163 tools,  
with hooks without panel





6600 M/120   1 066000120

### 6600 M/163

assortment of 30 tools,  
with hooks without panel





6600 M/163   1 066000163

### 6600 M/230

assortment of 78 tools,  
with hooks without panel





6600 M/230   1 066000230

### 6600 M/125

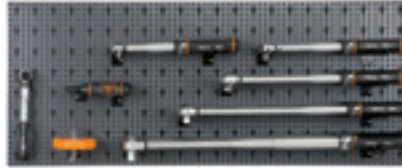
assortment of 133 tools,  
with hooks without panel





6600 M/125   1 066000125

### 6600 M/171

assortment of 13 tools,  
with hooks without panel





6600 M/171   1 066000171

### 6600 M/234

assortment of 31 tools,  
with hooks without panel





6600 M/234   1 066000234

### 6600 M/131

assortment of 92 tools,  
with hooks without panel





6600 M/131   1 066000131

### 6600 M/216

assortment of 80 tools  
with hooks without panel




6600 M/216   1 066000216

### 6600 M/241

assortment of 43 tools,  
with hooks without panel





6600 M/241   1 066000241

### 6600 M/152

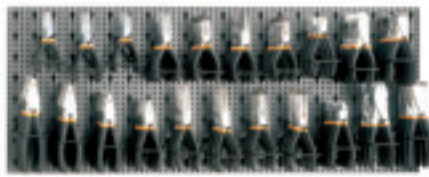
assortment of 12 tools,  
with hooks without panel





6600 M/152   1 066000152

### 6600 M/221

assortment of 83 tools  
with hooks without panel





6600 M/221   1 066000221

### 6600 M/244

assortment of 91 tools  
with hooks without panel



6600 M/244   1 066000244



### 6600 M/247

assortment of 86 tools  
with hooks without panel

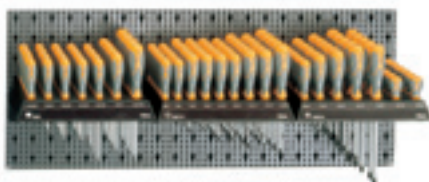


6600 M/247



### 6600 M/315

assortment of 149 tools,  
with hooks without panel



6600 M/315



### 6600 M/330

assortment of 110 tools,  
with hooks without panel



6600 M/330



### 6600 M/251

assortment of 26 tools,  
with hooks without panel



6600 M/251



### 6600 M/320

assortment of 98 tools,  
with hooks without panel

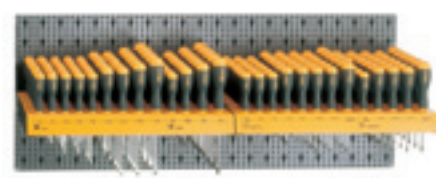


6600 M/320



### 6600 M/370

assortment of 162 tools,  
with hooks without panel



6600 M/370



### 6600 M/310

assortment of 169 tools,  
with hooks without panel



6600 M/310



### 6600 M/326

assortment of 155 tools,  
with hooks without panel



6600 M/326



### 6600 M/377

assortment of 73 tools  
with hooks without panel

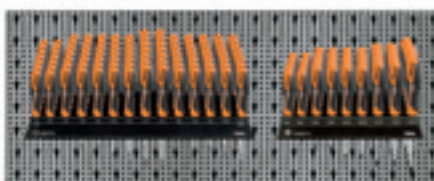


6600 M/377



### 6600 M/327

assortment of 101 tools,  
with hooks without panel



6600 M/327



### 6600 M/417

assortment of 43 tools, with hooks without  
panel



6600 M/417







### 6600 M/418

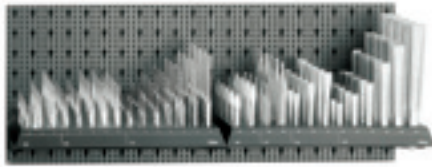
assortment of 35 tools,  
with hooks without panel





6600 M/418   1 066000418

### 6600 M/440

assortment of 140 tools,  
with hooks without panel





6600 M/440   1 066000440

### 6600 M/480

assortment of 18 tools,  
with hooks without panel





6600 M/480   1 066000480

### 6600 M/427

assortment of 24 tools,  
with hooks without panel




6600 M/427   1 066000427

### 6600 M/455

assortment of 37 tools,  
with hooks without panel





6600 M/455   1 066000455

### 6600 M/485

assortment of 12 tools,  
with hooks without panel





6600 M/485   1 066000485

### 6600 M/430

assortment of 29 tools,  
with hooks without panel





6600 M/430   1 066000430

### 6600 M/463

assortment of 36 tools,  
with hooks without panel





6600 M/463   1 066000463

### 6600 M/510

assortment of 16 tools,  
with hooks without panel





6600 M/510   1 066000510

### 6600 M/472

assortment of 33 tools  
with hooks without panel



6600 M/472   1 066000472

### 6600 M/519

assortment of 22 tools,  
with hooks without panel



6600 M/519   1 066000519

 **Beta**



### 6600 M/524

assortment of 73 tools,  
with hooks without panel



6600 M/524



### 6600 M/561

assortment of 60 tools,  
with hooks without panel

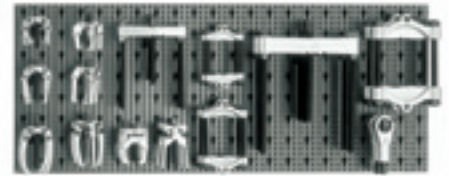


6600 M/561



### 6600 M/650

assortment of 28 tools,  
with hooks without panel



6600 M/650



### 6600 M/532

assortment of 24 tools  
with hooks without panel



6600 M/532



### 6600 M/583

assortment of 22 tools  
with hooks without panel



6600 M/583



### 6600 M/657

assortment of 17 tools,  
with hooks without panel



6600 M/657



### 6600 M/542

assortment of 53 tools,  
with hooks without panel



6600 M/542



### 6600 M/616

assortment of 67 tools,  
with hooks without panel



6600 M/616



### 6600 M/658

assortment of 14 tools  
with hooks without panel



6600 M/658



### 6600 M/550

assortment of 442 tools,  
with hooks without panel



6600 M/550



### 6600 M/634

assortment of 88 tools,  
with hooks without panel



⚡ 1000 V

6600 M/634



### 6600 M/713

assortment of 63 tools,  
with hooks without panel



6600 M/713





### 6600 M/723

assortment of 12 tools,  
with hooks without panel



6600 M/723



1 066000723

### 6600 M/834

assortment of 31 tools,  
with hooks without panel



6600 M/834



1 066000834

### 8600 R/222

assortment of 57 wire rope accessories,  
with hooks without panel



8600 R/222



1 086000222

### 6600 M/818

assortment of 102 tools,  
with hooks without panel



6600 M/818

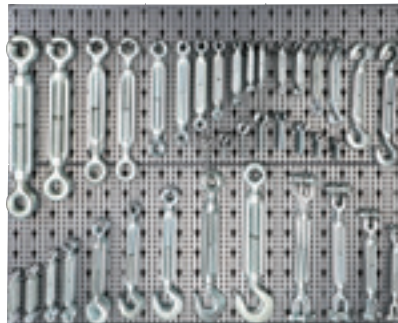


1 066000818

# Robur

### 8600 R/10

assortment of 672 wire rope accessories,  
with hooks without panel



8600 R/10



1 086000010

### 8600 R/411

assortment of 551 wire rope accessories,  
STAINLESS STEEL,  
with hooks without panel



8600 R/411



1 086000411

### 6600 M/824

assortment of 37 tools,  
with hooks without panel



6600 M/824



1 066000824

### 8600 R/111

assortment of 1887 wire rope accessories,  
with hooks without panel



8600 R/111



1 086000111

### 8600 E/R

assortment of 3163 wire rope accessories,  
with hooks without display stand



8600 E/R



1 086000914

# Beta





### 6600 E/A10

assortment of 802 tools  
with hooks without display stand



6600 E/A10

1 066000914

### 6600 E/A30

assortment of 753 tools  
with hooks without display stand



6600 E/A30

1 066000919

### 6600 E/B20

assortment of 601 tools  
with hooks without display stand



6600 E/B20

1 066000923

### 6600 E/A20

assortment of 707 tools  
with hooks without display stand



6600 E/A20

1 066000917

### 6600 E/B10

assortment of 651 tools  
with hooks without display stand



6600 E/B10

1 066000918

### 6600 E/C10

assortment of 309 tools  
with hooks without display stand



6600 E/C10

1 066000934



### 6600 E/D10

assortment of 271 tools  
with hooks without display stand



6600 E/D10



1 066000966

### 6600 E/K10

assortment of 610 tools  
with hooks without display stand



6600 E/K10



1 066000987

### 6600 E/K20

assortment of 499 tools  
with hooks without display stand



6600 E/K20



1 066000989

### 6600 E/E10

assortment of 136 tools  
with hooks without display stand



6600 E/E10



1 066000976

### 6600 E/P10

assortment of 69 tools  
with hooks without display stand



6600 E/P10



1 066000964



# SAFETY FOOTWEAR

Over the years the safety footwear line has gained the most demanding professionals' confidence and preference. These products have been proving so successful as to result in a regularly upgraded and expanded range.

## SAFETY STANDARDS

### HOW TO CHOOSE SAFETY FOOTWEAR

Make sure that the footwear matches the required protection class, according to type and workplace. Below you will find the European reference standards, including any and all additional specifications.

## EUROPEAN STANDARDS (EN)

**EN ISO 20344:** Test methods and general requirements.

**EN ISO 20345:** Safety footwear with toe caps resistant to shocks up to 200 Joules.

**EN ISO 20346:** Protective footwear with toe caps resistant to shocks up to 100 Joules.

**EN ISO 20347:** Occupational footwear, no toe caps required.

**EN ISO 20345** The footwear that complies with this norm is marked with the letter "S" (Safety). The letter "S" is followed by letters and/or numbers indicating the protection class the footwear belongs to.

**SB** Minimum requirements: 200 Joule toe cap.

Upper made from split leather or the like.

Minimum upper height.

**S1** SB characteristics supplemented with the following:

Antistatic footwear (A).

Energy absorption in the heel region (E).

Closed back. (Low shoes as well)

Antislip UNI EN ISO 20345. Method in accordance with EN 13287

**S2** S1 characteristics supplemented with the following:

Waterproof upper, no water penetration for at least 1h (WRU).

**S3** S2 characteristics supplemented with the following:

Penetration proof insole or inset (P).

Gripped outsole.

**S4** S1 characteristics supplemented with the following:

Hydrocarbon proof outsole (ORO).

**S5** S4 characteristics supplemented with the following:

Penetration proof insole or inset (P).

Gripped outsole.

**EN ISO 20346** These shoes are basically the same as safety footwear.

However, since they have 100 Joule toe caps, they are marked with the letter "P" (Protective). Hence they are defined as protective footwear.

They are used in workplace environments requiring no more than 100 Joule operation.

**EN ISO 20347** These shoes do not have any protective toe caps and are marked with the letter "O" (Occupational); hence they are considered occupational footwear.

To make it easier to identify both the specifications and the details that suit you best, read the section and icons below.



Penetration proof midsole or inset



Steel, aluminium or plastic toe cap



Antistatic footwear



Energy absorption in the heel region



Oil, hydrocarbon and solvent proof outsole



Antislip outsole



Flexing resistance >60,000



Outsole resistant to hot contact (300 °C/min.)



Shoe with a wide body for enhanced comfort



Nonmagnetic shoe, totally free from metal parts



Shoe designed and developed to allow electrostatic charges to be steadily dissipated from the body to the ground



Shoe designed and developed to provide cold insulation (CI)

## WARNINGS

### PRELIMINARY CHECKS AND USE

Before using the shoes, visually check their general state – that is, the seams, the sole and the closures –; also make sure that the shoes match all the specifications on the label, and, above all, that they are provided

with steel toes and penetration proof steel midsoles.

### MISUSE

Prolonged and/or repeated use:

- in contact with organic agents, herbicides,

pesticides and highly concentrated acids

- at very low or very high temperatures (below -10 °C and over +70 °C)
- fully dipped into water, mud, mortar and alike is not recommended.

## EXPIRY DATE

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. Whereas other types of footwear have an expected maximum life of five years. Such periods are applicable to new footwear, packed and stored under controlled conditions – that is, avoiding abrupt changes in temperature and relative humidity.



## 7240B

leather shoe, without penetration proof insole

- Steel toe cap
- Without penetration proof insole



EU	UK	1	072400235
35	2,5	1	072400235
36	3,5	1	072400236
37	4,5	1	072400237
38	5	1	072400238
39	6	1	072400239
40	6,5	1	072400240
41	7	1	072400241
42	8	1	072400242
43	9	1	072400243
44	10	1	072400244
45	10,5	1	072400245
46	11	1	072400246
47	12	1	072400247
48	13	1	072400248



CE

EN 20345 S1 SRC

## 7241B

leather shoe, with penetration proof insole

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK	1	072410235
35	2,5	1	072410235
36	3,5	1	072410236
37	4,5	1	072410237
38	5	1	072410238
39	6	1	072410239
40	6,5	1	072410240
41	7	1	072410241
42	8	1	072410242
43	9	1	072410243
44	10	1	072410244
45	10,5	1	072410245
46	11	1	072410246
47	12	1	072410247
48	13	1	072410248



CE

EN 20345 S1P SRC

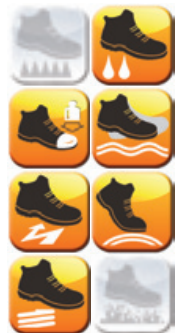
## 7242B

leather ankle shoe, without penetration proof insole

- Steel toe cap
- Without penetration proof insole



EU	UK	1	072420235
35	2,5	1	072420235
36	3,5	1	072420236
37	4,5	1	072420237
38	5	1	072420238
39	6	1	072420239
40	6,5	1	072420240
41	7	1	072420241
42	8	1	072420242
43	9	1	072420243
44	10	1	072420244
45	10,5	1	072420245
46	11	1	072420246
47	12	1	072420247
48	13	1	072420248



CE

EN 20345 S1 SRC

## 7243B

leather ankle shoe, with penetration proof insole

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK	1	072430235
35	2,5	1	072430235
36	3,5	1	072430236
37	4,5	1	072430237
38	5	1	072430238
39	6	1	072430239
40	6,5	1	072430240
41	7	1	072430241
42	8	1	072430242
43	9	1	072430243
44	10	1	072430244
45	10,5	1	072430245
46	11	1	072430246
47	12	1	072430247
48	13	1	072430248



CE

EN 20345 S1P SRC

## 7244B

leather ankle shoe, with penetration proof insole and quick opening system

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
35	2,5	1	072440235
36	3,5	1	072440236
37	4,5	1	072440237
38	5	1	072440238
39	6	1	072440239
40	6,5	1	072440240
41	7	1	072440241
42	8	1	072440242
43	9	1	072440243
44	10	1	072440244
45	10,5	1	072440245
46	11	1	072440246
47	12	1	072440247
48	13	1	072440248



CE

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## 7245B

lace-up full-grain leather shoe, "welder" style, waterproof, with quick opening system and front protection with strap closure

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
35	2,5	1	072450235
36	3,5	1	072450236
37	4,5	1	072450237
38	5	1	072450238
39	6	1	072450239
40	6,5	1	072450240
41	7	1	072450241
42	8	1	072450242
43	9	1	072450243
44	10	1	072450244
45	10,5	1	072450245
46	11	1	072450246
47	12	1	072450247
48	13	1	072450248



CE

EN 20345 S3 RS SRC

## 7246B

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
35	2,5	1	072460235
36	3,5	1	072460236
37	4,5	1	072460237
38	5	1	072460238
39	6	1	072460239
40	6,5	1	072460240
41	7	1	072460241
42	8	1	072460242
43	9	1	072460243
44	10	1	072460244
45	10,5	1	072460245
46	11	1	072460246
47	12	1	072460247
48	13	1	072460248



CE

EN 20345 S1P SRC

## 7247B

leather sandal, perforated

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
35	2,5	1	072470235
36	3,5	1	072470236
37	4,5	1	072470237
38	5	1	072470238
39	6	1	072470239
40	6,5	1	072470240
41	7	1	072470241
42	8	1	072470242
43	9	1	072470243
44	10	1	072470244
45	10,5	1	072470245
46	11	1	072470246
47	12	1	072470247
48	13	1	072470248



CE

EN 20345 S1P SRC

## 7200BKK

full-grain leather shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	072000235
36	3,5	1	072000236
37	4,5	1	072000237
38	5	1	072000238
39	6	1	072000239
40	6,5	1	072000240
41	7	1	072000241
42	8	1	072000242
43	9	1	072000243
44	10	1	072000244
45	10,5	1	072000245
46	11	1	072000246
47	12	1	072000247
48	13	1	072000248



CE

EN 20345 S3 SRC

## 7201BKK

full-grain leather ankle shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	072010435
36	3,5	1	072010436
37	4,5	1	072010437
38	5	1	072010438
39	6	1	072010439
40	6,5	1	072010440
41	7	1	072010441
42	8	1	072010442
43	9	1	072010443
44	10	1	072010444
45	10,5	1	072010445
46	11	1	072010446
47	12	1	072010447
48	13	1	072010448



CE

EN 20345 S3 SRC

## 7205BKK

full-grain leather shoe, waterproof,  
wide body

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	072050235
36	3,5	1	072050236
37	4,5	1	072050237
38	5	1	072050238
39	6	1	072050239
40	6,5	1	072050240
41	7	1	072050241
42	8	1	072050242
43	9	1	072050243
44	10	1	072050244
45	10,5	1	072050245
46	11	1	072050246
47	12	1	072050247
48	13	1	072050248



CE

EN 20345 S3 SRC

## 7206BKK

full-grain leather ankle shoe, waterproof,  
quick opening system, wide body

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	072060235
36	3,5	1	072060236
37	4,5	1	072060237
38	5	1	072060238
39	6	1	072060239
40	6,5	1	072060240
41	7	1	072060241
42	8	1	072060242
43	9	1	072060243
44	10	1	072060244
45	10,5	1	072060245
46	11	1	072060246
47	12	1	072060247
48	13	1	072060248



CE

EN 20345 S3 RS SRC



## 7210BKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072100335
36	3,5	1	072100336
37	4,5	1	072100337
38	5	1	072100338
39	6	1	072100339
40	6,5	1	072100340
41	7	1	072100341
42	8	1	072100342
43	9	1	072100343
44	10	1	072100344
45	10,5	1	072100345
46	11	1	072100346
47	12	1	072100347
48	13	1	072100348



EN 20345 S1P SRC



CE

## 7211BK

soft suede shoe, perforated,  
without penetration proof insole

- Composite toe cap
- Without penetration proof insole

EU	UK		
35	2,5	1	072110335
36	3,5	1	072110336
37	4,5	1	072110337
38	5	1	072110338
39	6	1	072110339
40	6,5	1	072110340
41	7	1	072110341
42	8	1	072110342
43	9	1	072110343
44	10	1	072110344
45	10,5	1	072110345
46	11	1	072110346
47	12	1	072110347
48	13	1	072110348



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CE

## 7216BKK

soft suede sandal,  
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	072160335
36	3,5	1	072160336
37	4,5	1	072160337
38	5	1	072160338
39	6	1	072160339
40	6,5	1	072160340
41	7	1	072160341
42	8	1	072160342
43	9	1	072160343
44	10	1	072160344
45	10,5	1	072160345
46	11	1	072160346
47	12	1	072160347
48	13	1	072160348



EN 20345 S1P SRC



CE

## 7208RK

full-grain leather ankle shoe,  
with rubber outsole

- Steel toe cap
- Composite fibre penetration proof insole

EU	UK		
39	6	1	072080139
40	6,5	1	072080140
41	7	1	072080141
42	8	1	072080142
43	9	1	072080143
44	10	1	072080144
45	10,5	1	072080145
46	11	1	072080146
47	12	1	072080147



EN 20345 S3 HRO SRC



CE

## 7310BKK

lace-up full-grain leather shoe, "welder" style, waterproof, with quick opening system and front protection with strap closure.

Durable rubber outsole

- Steel toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073100238
39	6	1	073100239
40	6,5	1	073100240
41	7	1	073100241
42	8	1	073100242
43	9	1	073100243
44	10	1	073100244
45	10,5	1	073100245
46	11	1	073100246
47	12	1	073100247



CE

EN 20345 S3 RS HRO SRC

## 7250NK

suede shoe, with airmet insets

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072500138
39	6	1	072500139
40	6,5	1	072500140
41	7	1	072500141
42	8	1	072500142
43	9	1	072500143
44	10	1	072500144
45	10,5	1	072500145
46	11	1	072500146
47	12	1	072500147



CE

EN 20345 S1P SRC

## 7251NK

suede ankle shoe, with airmet insets

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072510138
39	6	1	072510139
40	6,5	1	072510140
41	7	1	072510141
42	8	1	072510142
43	9	1	072510143
44	10	1	072510144
45	10,5	1	072510145
46	11	1	072510146
47	12	1	072510147



CE

EN 20345 S1P SRC

## 7254NA

suede shoe, waterproof, with nylon insets

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072540138
39	6	1	072540139
40	6,5	1	072540140
41	7	1	072540141
42	8	1	072540142
43	9	1	072540143
44	10	1	072540144
45	10,5	1	072540145
46	11	1	072540146
47	12	1	072540147



CE

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## 7255NA

suede ankle shoe, waterproof, with nylon insets

- Composite toe cap
- Composite fibre penetration proof insole



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CE



EU	UK	
38	5	1 072550138
39	6	1 072550139
40	6,5	1 072550140
41	7	1 072550141
42	8	1 072550142
43	9	1 072550143
44	10	1 072550144
45	10,5	1 072550145
46	11	1 072550146
47	12	1 072550147

## 7256NA

suede shoe, waterproof, with nylon insets

- Composite toe cap
- Composite fibre penetration proof insole



EN 20345 S3 SRC

CE



EU	UK	
38	5	1 072560138
39	6	1 072560139
40	6,5	1 072560140
41	7	1 072560141
42	8	1 072560142
43	9	1 072560143
44	10	1 072560144
45	10,5	1 072560145
46	11	1 072560146
47	12	1 072560147

## 7257NA

suede ankle shoe, waterproof, with nylon insets

- Composite toe cap
- Composite fibre penetration proof insole



EN 20345 S3 SRC

CE



EU	UK	
38	5	1 072570138
39	6	1 072570139
40	6,5	1 072570140
41	7	1 072570141
42	8	1 072570142
43	9	1 072570143
44	10	1 072570144
45	10,5	1 072570145
46	11	1 072570146
47	12	1 072570147

## 7263NK

suede shoe, with mesh insets, waterproof

- Composite toe cap
- Composite fibre penetration proof insole



EN 20345 S3 SRC

CE



EU	UK	
38	5	1 072630038
39	6	1 072630039
40	6,5	1 072630040
41	7	1 072630041
42	8	1 072630042
43	9	1 072630043
44	10	1 072630044
45	10,5	1 072630045
46	11	1 072630046
47	12	1 072630047



## 7264NK

suede ankle shoe,  
with mesh insets, waterproof

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072640038
39	6	1	072640039
40	6,5	1	072640040
41	7	1	072640041
42	8	1	072640042
43	9	1	072640043
44	10	1	072640044
45	10,5	1	072640045
46	11	1	072640046
47	12	1	072640047



CE

EN 20345 S3 SRC

## 7290AKK

full-grain leather shoe, waterproof, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072900238
39	6	1	072900239
40	6,5	1	072900240
41	7	1	072900241
42	8	1	072900242
43	9	1	072900243
44	10	1	072900244
45	10,5	1	072900245
46	11	1	072900246
47	12	1	072900247
48	13	1	072900248



CE

EN 20345 S3 SRC

## 7291AKK

full-grain leather ankle shoe, waterproof, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072910238
39	6	1	072910239
40	6,5	1	072910240
41	7	1	072910241
42	8	1	072910242
43	9	1	072910243
44	10	1	072910244
45	10,5	1	072910245
46	11	1	072910246
47	12	1	072910247
48	13	1	072910248



CE

EN 20345 S3 SRC

## 7293RK

greased Nubuck shoe,  
with torsion control system and durable rubber outsole

- Steel toe cap
- Composite fibre penetration proof insole



EU	UK		
39	6	1	072930339
40	6,5	1	072930340
41	7	1	072930341
42	8	1	072930342
43	9	1	072930343
44	10	1	072930344
45	10,5	1	072930345
46	11	1	072930346
47	12	1	072930347



CE

EN 20345 S3 HRO SRC

## 7294RK

greased Nubuck ankle shoe,  
with torsion control system and durable rubber outsole

- Steel toe cap
- Composite fibre penetration proof insole



EU	UK		
39	6	1	072940339
40	6,5	1	072940340
41	7	1	072940341
42	8	1	072940342
43	9	1	072940343
44	10	1	072940344
45	10,5	1	072940345
46	11	1	072940346
47	12	1	072940347

CE



EN 20345 S3 HRO SRC

## 7293NKK

greased Nubuck shoe,  
with dynamic control system  
and durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072930138
39	6	1	072930139
40	6,5	1	072930140
41	7	1	072930141
42	8	1	072930142
43	9	1	072930143
44	10	1	072930144
45	10,5	1	072930145
46	11	1	072930146
47	12	1	072930147
48	13	1	072930148

CE



EN 20345 S3 HRO SRC

## 7294NKK

greased Nubuck ankle shoe,  
with dynamic control system  
and durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072940138
39	6	1	072940139
40	6,5	1	072940140
41	7	1	072940141
42	8	1	072940142
43	9	1	072940143
44	10	1	072940144
45	10,5	1	072940145
46	11	1	072940146
47	12	1	072940147
48	13	1	072940148

CE



EN 20345 S3 HRO SRC

## 7293TKK

greased Nubuck shoe,  
with Thinsulate™ membrane, dynamic control system  
and durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072930238
39	6	1	072930239
40	6,5	1	072930240
41	7	1	072930241
42	8	1	072930242
43	9	1	072930243
44	10	1	072930244
45	10,5	1	072930245
46	11	1	072930246
47	12	1	072930247
48	13	1	072930248

CE



EN 20345 S3 HRO SRC

## 7294TKK

greased Nubuck ankle shoe,  
with Thinsulate™ membrane, dynamic control system  
and durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072940238
39	6	1	072940239
40	6,5	1	072940240
41	7	1	072940241
42	8	1	072940242
43	9	1	072940243
44	10	1	072940244
45	10,5	1	072940245
46	11	1	072940246
47	12	1	072940247
48	13	1	072940248

CE



EN 20345 S3 HRO SRC



## 7239V

full-grain leather ankle shoe, waterproof,  
with durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072390138
39	6	1	072390139
40	6,5	1	072390140
41	7	1	072390141
42	8	1	072390142
43	9	1	072390143
44	10	1	072390144
45	10,5	1	072390145
46	11	1	072390146
47	12	1	072390147
48	13	1	072390148

CE



EN 20345 S3 HRO SRC



## 7295TNV

lace-up full-grain leather ankle shoe, waterproof,  
with Thinsulate™ membrane and durable  
VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	072950038
39	6	1	072950039
40	6,5	1	072950040
41	7	1	072950041
42	8	1	072950042
43	9	1	072950043
44	10	1	072950044
45	10,5	1	072950045
46	11	1	072950046
47	12	1	072950047
48	13	1	072950048

CE



EN 20345 S3 HRO SRC



## 7329NV

greased Nubuck boot, unlined, waterproof,  
with durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073290438
39	6	1	073290439
40	6,5	1	073290440
41	7	1	073290441
42	8	1	073290442
43	9	1	073290443
44	10	1	073290444
45	10,5	1	073290445
46	11	1	073290446
47	12	1	073290447
48	13	1	073290448

CE



EN 20345 S3 HRO SRC





## 7330NV

greased Nubuck boot, waterproof, with Thinsulate™ membrane and durable VIBRAM® rubber outsole. Real wool fur lining

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073300438
39	6	1	073300439
40	6,5	1	073300440
41	7	1	073300441
42	8	1	073300442
43	9	1	073300443
44	10	1	073300444
45	10,5	1	073300445
46	11	1	073300446
47	12	1	073300447
48	13	1	073300448

CE



EN 20345 S3 HRO SRC



## 7326NKK

leather ankle shoe, waterproof, with thermally welded membrane and durable rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole

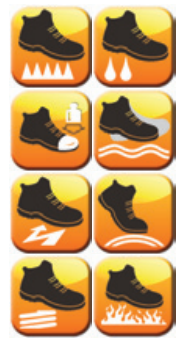


EU	UK		
39	6	1	073260039
40	6,5	1	073260040
41	7	1	073260041
42	8	1	073260042
43	9	1	073260043
44	10	1	073260044
45	10,5	1	073260045
46	11	1	073260046
47	12	1	073260047

CE



EN 20345 S3 HRO SRA



## 7327NKK

full-grain leather boot, "POLAR" style, waterproof

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
39	6	1	073270039
40	6,5	1	073270040
41	7	1	073270041
42	8	1	073270042
43	9	1	073270043
44	10	1	073270044
45	10,5	1	073270045
46	11	1	073270046

CE



EN 20345 S3 HRO SRA

7327R



## 7327R

inner shoes for boots item 7327NKK



EU	UK		
39	6	1	073270939
40	6,5	1	073270940
41	7	1	073270941
42	8	1	073270942
43	9	1	073270943
44	10	1	073270944
45	10,5	1	073270945
46	11	1	073270946



### 7328

safety boot, "top visibility"

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
38	5	1	073280038
39	6	1	073280039
40	6,5	1	073280040
41	7	1	073280041
42	8	1	073280042
43	9	1	073280043
44	10	1	073280044
45	10,5	1	073280045
46	11	1	073280046
47	12	1	073280047

CE



EN 20345 S5 SRC



### 7328N

safety boot

- Steel toe cap
- Elastic steel penetration proof insole



EU	UK		
38	5	1	073280238
39	6	1	073280239
40	6,5	1	073280240
41	7	1	073280241
42	8	1	073280242
43	9	1	073280243
44	10	1	073280244
45	10,5	1	073280245
46	11	1	073280246
47	12	1	073280247

CE



EN 20345 S5 SRC



### 7302A

soft suede shoe, "free time" style, perforated, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EU	UK		
36	3,5	1	073020436
37	4,5	1	073020437
38	5	1	073020438
39	6	1	073020439
40	6,5	1	073020440
41	7	1	073020441
42	8	1	073020442
43	9	1	073020443
44	10	1	073020444
45	10,5	1	073020445
46	11	1	073020446
47	12	1	073020447
48	13	1	073020448

CE



EN 20347 O1 SRC



### 7300A

full-grain leather shoe, "free time" style, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EU	UK		
36	3,5	1	073000436
37	4,5	1	073000437
38	5	1	073000438
39	6	1	073000439
40	6,5	1	073000440
41	7	1	073000441
42	8	1	073000442
43	9	1	073000443
44	10	1	073000444
45	10,5	1	073000445
46	11	1	073000446
47	12	1	073000447
48	13	1	073000448

CE



EN 20347 O2 SRC



### 7300B

full-grain leather shoe, "free time" style, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EU	UK	Hand	Foot	Code
36	3,5			1 073000536
37	4,5			1 073000537
38	5			1 073000538
39	6			1 073000539
40	6,5			1 073000540
41	7			1 073000541
42	8			1 073000542
43	9			1 073000543
44	10			1 073000544
45	10,5			1 073000545
46	11			1 073000546
47	12			1 073000547
48	13			1 073000548

CE



EN 20347 O2 SRC

### 7302AKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	Hand	Foot	Code
36	3,5			1 073020336
37	4,5			1 073020337
38	5			1 073020338
39	6			1 073020339
40	6,5			1 073020340
41	7			1 073020341
42	8			1 073020342
43	9			1 073020343
44	10			1 073020344
45	10,5			1 073020345
46	11			1 073020346
47	12			1 073020347
48	13			1 073020348

CE



EN 20345 S1P SRC

### 7300AKK

full-grain leather shoe, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	Hand	Foot	Code
36	3,5			1 073000136
37	4,5			1 073000137
38	5			1 073000138
39	6			1 073000139
40	6,5			1 073000140
41	7			1 073000141
42	8			1 073000142
43	9			1 073000143
44	10			1 073000144
45	10,5			1 073000145
46	11			1 073000146
47	12			1 073000147
48	13			1 073000148

CE



EN 20345 S3 SRC

### 7300BKK

full-grain leather shoe, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	Hand	Foot	Code
36	3,5			1 073000236
37	4,5			1 073000237
38	5			1 073000238
39	6			1 073000239
40	6,5			1 073000240
41	7			1 073000241
42	8			1 073000242
43	9			1 073000243
44	10			1 073000244
45	10,5			1 073000245
46	11			1 073000246
47	12			1 073000247
48	13			1 073000248

CE



EN 20345 S3 SRC



## 7300CKK

denim shoe with suede insets

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	
36	3,5	1 073000336
37	4,5	1 073000337
38	5	1 073000338
39	6	1 073000339
40	6,5	1 073000340
41	7	1 073000341
42	8	1 073000342
43	9	1 073000343
44	10	1 073000344
45	10,5	1 073000345
46	11	1 073000346
47	12	1 073000347
48	13	1 073000348

CE



EN 20345 S1P SRC

## 7333

full-grain leather sandal, perforated, with highly breathable mesh insets

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	
36	3,5	1 073330136
37	4,5	1 073330137
38	5	1 073330138
39	6	1 073330139
40	6,5	1 073330140
41	7	1 073330141
42	8	1 073330142
43	9	1 073330143
44	10	1 073330144
45	10,5	1 073330145
46	11	1 073330146
47	12	1 073330147
48	13	1 073330148

CE



EN 20345 S1P SRC

## 7318ESD

perforated suede shoe, ESD

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	
36	3,5	1 073180136
37	4,5	1 073180137
38	5	1 073180138
39	6	1 073180139
40	6,5	1 073180140
41	7	1 073180141
42	8	1 073180142
43	9	1 073180143
44	10	1 073180144
45	10,5	1 073180145
46	11	1 073180146
47	12	1 073180147
48	13	1 073180148

CE



EN 20345 S1P SRC

## 7313KK

"light" suede shoe, with mesh insets and racing outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK	
35	2,5	1 073130335
36	3,5	1 073130336
37	4,5	1 073130337
38	5	1 073130338
39	6	1 073130339
40	6,5	1 073130340
41	7	1 073130341
42	8	1 073130342
43	9	1 073130343
44	10	1 073130344
45	10,5	1 073130345
46	11	1 073130346
47	12	1 073130347
48	13	1 073130348

CE



EN 20345 S1P SRC

### 7313KKB

"light" suede shoe, with mesh insets and racing outsole

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073130435
36	3,5	1	073130436
37	4,5	1	073130437
38	5	1	073130438
39	6	1	073130439
40	6,5	1	073130440
41	7	1	073130441
42	8	1	073130442
43	9	1	073130443
44	10	1	073130444
45	10,5	1	073130445
46	11	1	073130446
47	12	1	073130447
48	13	1	073130448

CE



EN 20345 S1P SRC



### 7313KKC

"light" shoe, abrasion-proof, with carbon and mesh insets, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073130535
36	3,5	1	073130536
37	4,5	1	073130537
38	5	1	073130538
39	6	1	073130539
40	6,5	1	073130540
41	7	1	073130541
42	8	1	073130542
43	9	1	073130543
44	10	1	073130544
45	10,5	1	073130545
46	11	1	073130546
47	12	1	073130547
48	13	1	073130548

CE



EN 20345 S1P SRC



### 7314KK

"light" suede shoe, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073140135
36	3,5	1	073140136
37	4,5	1	073140137
38	5	1	073140138
39	6	1	073140139
40	6,5	1	073140140
41	7	1	073140141
42	8	1	073140142
43	9	1	073140143
44	10	1	073140144
45	10,5	1	073140145
46	11	1	073140146
47	12	1	073140147
48	13	1	073140148

CE



EN 20345 S1P SRC



### 7334KK

"light" soft suede moccasin, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073340235
36	3,5	1	073340236
37	4,5	1	073340237
38	5	1	073340238
39	6	1	073340239
40	6,5	1	073340240
41	7	1	073340241
42	8	1	073340242
43	9	1	073340243
44	10	1	073340244
45	10,5	1	073340245
46	11	1	073340246
47	12	1	073340247
48	13	1	073340248

CE



EN 20345 S1P SRC



## 7320KK

"light" Nubuck shoe, waterproof, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	073200235
36	3,5	1	073200236
37	4,5	1	073200237
38	5	1	073200238
39	6	1	073200239
40	6,5	1	073200240
41	7	1	073200241
42	8	1	073200242
43	9	1	073200243
44	10	1	073200244
45	10,5	1	073200245
46	11	1	073200246
47	12	1	073200247
48	13	1	073200248



CE

EN 20345 S3 SRC

## 7323KK

"light" Nubuck ankle shoe, waterproof, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	073230135
36	3,5	1	073230136
37	4,5	1	073230137
38	5	1	073230138
39	6	1	073230139
40	6,5	1	073230140
41	7	1	073230141
42	8	1	073230142
43	9	1	073230143
44	10	1	073230144
45	10,5	1	073230145
46	11	1	073230146
47	12	1	073230147
48	13	1	073230148



CE

EN 20345 S3 SRC

## 7316KKB

"light" shoe, abrasion-proof, with perforated leather insets, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	073160335
36	3,5	1	073160336
37	4,5	1	073160337
38	5	1	073160338
39	6	1	073160339
40	6,5	1	073160340
41	7	1	073160341
42	8	1	073160342
43	9	1	073160343
44	10	1	073160344
45	10,5	1	073160345
46	11	1	073160346
47	12	1	073160347
48	13	1	073160348



CE

EN 20345 S1P SRC

## 7316KK

"light" drummed full-grain leather shoe, waterproof, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
35	2,5	1	073160235
36	3,5	1	073160236
37	4,5	1	073160237
38	5	1	073160238
39	6	1	073160239
40	6,5	1	073160240
41	7	1	073160241
42	8	1	073160242
43	9	1	073160243
44	10	1	073160244
45	10,5	1	073160245
46	11	1	073160246
47	12	1	073160247
48	13	1	073160248



CE

EN 20345 S3 SRC



## 7325KK

"light" drummed full-grain leather ankle shoe, waterproof, racing outsole

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
35	2,5	1	073250135
36	3,5	1	073250136
37	4,5	1	073250137
38	5	1	073250138
39	6	1	073250139
40	6,5	1	073250140
41	7	1	073250141
42	8	1	073250142
43	9	1	073250143
44	10	1	073250144
45	10,5	1	073250145
46	11	1	073250146
47	12	1	073250147
48	13	1	073250148

CE



EN 20345 S3 SRC



## 7344RP

shoe made of "VINTAGE" leather, greased, waterproof with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
38	5	1	073440138
39	6	1	073440139
40	6,5	1	073440140
41	7	1	073440141
42	8	1	073440142
43	9	1	073440143
44	10	1	073440144
45	10,5	1	073440145
46	11	1	073440146
47	12	1	073440147

CE



EN 20345 S3 HRO SRC



## 7345RP

ankle shoe made of "VINTAGE" leather, greased, waterproof with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
38	5	1	073450138
39	6	1	073450139
40	6,5	1	073450140
41	7	1	073450141
42	8	1	073450142
43	9	1	073450143
44	10	1	073450144
45	10,5	1	073450145
46	11	1	073450146
47	12	1	073450147

CE



EN 20345 S3 HRO SRC



## 7346RP

suede moccasin with mesh inserts, strap closure, rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EU	UK		
38	5	1	073460138
39	6	1	073460139
40	6,5	1	073460140
41	7	1	073460141
42	8	1	073460142
43	9	1	073460143
44	10	1	073460144
45	10,5	1	073460145
46	11	1	073460146
47	12	1	073460147

CE



EN 20345 S1P HRO SRC



### 7347RP

perforated suede shoe  
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073470138
39	6	1	073470139
40	6,5	1	073470140
41	7	1	073470141
42	8	1	073470142
43	9	1	073470143
44	10	1	073470144
45	10,5	1	073470145
46	11	1	073470146
47	12	1	073470147



CE

EN 20345 S1P HRO SRC

### 7348RP

suede shoe with mesh inserts,  
rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073480138
39	6	1	073480139
40	6,5	1	073480140
41	7	1	073480141
42	8	1	073480142
43	9	1	073480143
44	10	1	073480144
45	10,5	1	073480145
46	11	1	073480146
47	12	1	073480147



CE

EN 20345 S1P HRO SRC

### 7349RP

shoe made of Nubuck crust leather, waterproof  
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073490138
39	6	1	073490139
40	6,5	1	073490140
41	7	1	073490141
42	8	1	073490142
43	9	1	073490143
44	10	1	073490144
45	10,5	1	073490145
46	11	1	073490146
47	12	1	073490147



CE

EN 20345 S3 HRO SRC

### 7350RP

ankle shoe made of Nubuck crust leather, waterproof  
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073500138
39	6	1	073500139
40	6,5	1	073500140
41	7	1	073500141
42	8	1	073500142
43	9	1	073500143
44	10	1	073500144
45	10,5	1	073500145
46	11	1	073500146
47	12	1	073500147



CE

EN 20345 S3 HRO SRC

### 7367G

ankle shoe made of "VINTAGE" leather, greased, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EU	UK		
38	5	1	073670038
39	6	1	073670039
40	6,5	1	073670040
41	7	1	073670041
42	8	1	073670042
43	9	1	073670043
44	10	1	073670044
45	10,5	1	073670045
46	11	1	073670046
47	12	1	073670047

CE



EN 20347 O2 SRC



### 7368NKK

ankle shoe made of "VINTAGE" leather, greased, waterproof

- Aluminium toe cap with breathable membrane
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073680038
39	6	1	073680039
40	6,5	1	073680040
41	7	1	073680041
42	8	1	073680042
43	9	1	073680043
44	10	1	073680044
45	10,5	1	073680045
46	11	1	073680046
47	12	1	073680047

CE



EN 20345 S3 SRC



### 7368BKK

ankle shoe made of "VINTAGE" leather, greased, waterproof

- Aluminium toe cap with breathable membrane
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073680138
39	6	1	073680139
40	6,5	1	073680140
41	7	1	073680141
42	8	1	073680142
43	9	1	073680143
44	10	1	073680144
45	10,5	1	073680145
46	11	1	073680146
47	12	1	073680147

CE



EN 20345 S3 SRC



### 7368GKK

ankle shoe made of "VINTAGE" leather, greased, waterproof

- Aluminium toe cap with breathable membrane
- Composite fibre penetration proof insole



EU	UK		
38	5	1	073680238
39	6	1	073680239
40	6,5	1	073680240
41	7	1	073680241
42	8	1	073680242
43	9	1	073680243
44	10	1	073680244
45	10,5	1	073680245
46	11	1	073680246
47	12	1	073680247

CE



EN 20345 S3 SRC





### 7398 TNT

interchangeable carbon insoles



EU	UK	
35	2,5	1 073980035
36	3,5	1 073980036
37	4,5	1 073980037
38	5	1 073980038
39	6	1 073980039
40	6,5	1 073980040
41	7	1 073980041
42	8	1 073980042
43	9	1 073980043
44	10	1 073980044
45	10,5	1 073980045
46	11	1 073980046
47	12	1 073980047
48	13	1 073980048

### 7398BF

anatomically shaped "BLOW-FEET" insoles



EU	UK	
36	3,5	1 073980336
37	4,5	1 073980337
38	5	1 073980338
39	6	1 073980339
40	6,5	1 073980340
41	7	1 073980341
42	8	1 073980342
43	9	1 073980343
44	10	1 073980344
45	10,5	1 073980345
46	11	1 073980346
47	12	1 073980347
48	13	1 073980348

### 7398C

saddle leather insoles



EU	UK	
36	3,5	1 073980436
37	4,5	1 073980437
38	5	1 073980438
39	6	1 073980439
40	6,5	1 073980440
41	7	1 073980441
42	8	1 073980442
43	9	1 073980443
44	10	1 073980444
45	10,5	1 073980445
46	11	1 073980446
47	12	1 073980447
48	13	1 073980448

### 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

### 7398FT

anatomically shaped fusstatic underfoot covers



EU	UK	
36	3,5	1 073980736
37	4,5	1 073980737
38	5	1 073980738
39	6	1 073980739
40	6,5	1 073980740
41	7	1 073980741
42	8	1 073980742
43	9	1 073980743
44	10	1 073980744
45	10,5	1 073980745
46	11	1 073980746
47	12	1 073980747
48	13	1 073980748

### 7398AL

aluminized felt insoles, for low temperatures



EU	UK	
38	5	1 073980538
39	6	1 073980539
40	6,5	1 073980540
41	7	1 073980541
42	8	1 073980542
43	9	1 073980543
44	10	1 073980544
45	10,5	1 073980545
46	11	1 073980546
47	12	1 073980547
48	13	1 073980548

### 7399 A/N...

pack of 10 pairs of laces



	cm		
7399 A/N100	100	1	073990010
7399 A/N120	120	1	073990012
7399 A/N140	140	1	073990017

### 7399G...

pack of 10 pairs of laces, grey



	cm		
7399G 110	110	1	073990018

### 7399M...

pack of 10 pairs of laces, brown



	cm		
7399M 90	90	1	073990013
7399M 120	120	1	073990014

### 7399B...

pack of 10 pairs of laces, beige



	cm		
7399B 90	90	1	073990015
7399B 120	120	1	073990016

### 7411

thick ankle length socks made from Outlast® and terry



	EU		
S	37-39	1	074110001
M	40-42	1	074110002
L	43-45	1	074110003
XL	46-48	1	074110004

### 7412

thick knee length socks made from Outlast® and terry



	EU		
S	37-39	1	074120001
M	40-42	1	074120002
L	43-45	1	074120003
XL	46-48	1	074120004

### 7413

ankle length socks made from terry and polyamide. Left and right foot specific construction



	EU		
S	37-39	1	074130001
M	40-42	1	074130002
L	43-45	1	074130003
XL	46-48	1	074130004

### 7414

knee length socks made from terry and polyamide. Left and right foot specific construction



	EU		
S	37-39	1	074140001
M	40-42	1	074140002
L	43-45	1	074140003
XL	46-48	1	074140004

### 7415

ankle length socks made from Coolmax® and Dryam®



	EU		
S	37-39	1	074150001
M	40-42	1	074150002
L	43-45	1	074150003
XL	46-48	1	074150004

### 7416

knee length socks made from Coolmax® and Dryam®



	EU		
S	37-39	1	074160001
M	40-42	1	074160002
L	43-45	1	074160003
XL	46-48	1	074160004

### 7417

ankle length socks made from Tactel®



	EU		
S	37-39	1	074170001
M	40-42	1	074170002
L	43-45	1	074170003
XL	46-48	1	074170004

### 7418

ankle length socks made from antibacterial Meryl Skinlife®



	EU		
S	37-39	1	074180001
M	40-42	1	074180002
L	43-45	1	074180003
XL	46-48	1	074180004

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 340/1**

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.

**PACKAGING**


- WORKWEAR: hanging bag
- FREE TIME WEAR: non-hanging bag

**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.



	I	F	D	E	UK	USA
<b>XS</b>	46	38	42	40	30	32
<b>S</b>	48	40	44	42	32	34
<b>M</b>	50	42	46	44	34	36
<b>L</b>	52	44	48	46	36	38
<b>XL</b>	54	46	50	48	38	40
<b>XXL</b>	56	48	52	50	40	42
<b>XXXL</b>	58	50	54	52	42	44
<b>4XL</b>	60	52	56	54	44	46

<b>Beta</b>	EN340/1								
	<b>XS</b>	<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>	<b>2XL</b>	<b>3XL</b>	<b>4XL</b>	
<b>A</b>	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140	
<b>B</b>	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120	
<b>H</b>	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206	





**7505DG**

multipocket trousers, 100% prewashed cotton twill, 260 g/m<sup>2</sup>, military green

CE



XS	1 075050046
S	1 075050048
M	1 075050050
L	1 075050052
XL	1 075050054
XXL	1 075050056
XXXL	1 075050058

**7505B**

multipocket trousers, 100% prewashed cotton twill, 260 g/m<sup>2</sup>, beige

CE



XS	1 075050146
S	1 075050148
M	1 075050150
L	1 075050152
XL	1 075050154
XXL	1 075050156
XXXL	1 075050158

**7505M**

camouflage multipocket trousers, 100% cotton twill, 260 g/m<sup>2</sup>

CE



XS	1 075050246
S	1 075050248
M	1 075050250
L	1 075050252
XL	1 075050254
XXL	1 075050256
XXXL	1 075050258

**7525**

prewashed stretch work jeans, 68% denim cotton, 29% polyester, 3% stretch fabric, 10 ounces

CE



XS	1 075250046
S	1 075250048
M	1 075250050
L	1 075250052
XL	1 075250054
XXL	1 075250056
XXXL	1 075250058

**7515DG**

multipocket Bermuda shorts, 100% prewashed cotton twill, 260 g/m<sup>2</sup>, military green

CE



XS	1 075150046
S	1 075150048
M	1 075150050
L	1 075150052
XL	1 075150054
XXL	1 075150056
XXXL	1 075150058

**7515B**

multipocket Bermuda shorts, 100% prewashed cotton twill, 260 g/m<sup>2</sup>, beige

CE



XS	1 075150146
S	1 075150148
M	1 075150150
L	1 075150152
XL	1 075150154
XXL	1 075150156
XXXL	1 075150158

**7515M**

camouflage multipocket Bermuda shorts, 100% cotton twill, 260 g/m<sup>2</sup>

CE



XS	1 075150246
S	1 075150248
M	1 075150250
L	1 075150252
XL	1 075150254
XXL	1 075150256
XXXL	1 075150258

**7543BL**

long-sleeved shirt, 100% poplin cotton, 150 g/m<sup>2</sup>, blue

CE



XS	1	075430000
S	1	075430001
M	1	075430002
L	1	075430003
XL	1	075430004
XXL	1	075430005
XXXL	1	075430006

**7543B**

long-sleeved shirt, 100% poplin cotton, 150 g/m<sup>2</sup>, beige

CE



XS	1	075430100
S	1	075430101
M	1	075430102
L	1	075430103
XL	1	075430104
XXL	1	075430105
XXXL	1	075430106

**7546BL**

three-button polo shirt, pique cotton, 220 g/m<sup>2</sup>, blue

CE



XS	2	075460000
S	2	075460001
M	2	075460002
L	2	075460003
XL	2	075460004
XXL	2	075460005
XXXL	2	075460006

**7546G**

three-button polo shirt, pique cotton, 220 g/m<sup>2</sup>, grey

CE



XS	2	075460100
S	2	075460101
M	2	075460102
L	2	075460103
XL	2	075460104
XXL	2	075460105
XXXL	2	075460106

**7546N**

three-button polo shirt, pique cotton, 220 g/m<sup>2</sup>, black

CE



XS	2	075460200
S	2	075460201
M	2	075460202
L	2	075460203
XL	2	075460204
XXL	2	075460205
XXXL	2	075460206

**7546O**

three-button polo shirt, pique cotton, 220 g/m<sup>2</sup>, orange

CE



XS	2	075460300
S	2	075460301
M	2	075460302
L	2	075460303
XL	2	075460304
XXL	2	075460305
XXXL	2	075460306

**7547BL**

technical polo shirt, CoolDry®, 155 g/m<sup>2</sup>, blue

CE



XS	2	075470000
S	2	075470001
M	2	075470002
L	2	075470003
XL	2	075470004
XXL	2	075470005
XXXL	2	075470006

**7547G**

technical polo shirt, CoolDry®, 155 g/m<sup>2</sup>, grey

CE



XS	2	075470100
S	2	075470101
M	2	075470102
L	2	075470103
XL	2	075470104
XXL	2	075470105
XXXL	2	075470106

**7548BL**

work t-shirt, 100% jersey cotton, 180 g/m<sup>2</sup>, blue

CE



XS	5	075480000
S	5	075480001
M	5	075480002
L	5	075480003
XL	5	075480004
XXL	5	075480005
XXXL	5	075480006

**7548G**

work t-shirt, 100% jersey cotton, 180 g/m<sup>2</sup>, grey

CE



SIZE	QTY	SKU
XS	5	075480100
S	5	075480101
M	5	075480102
L	5	075480103
XL	5	075480104
XXL	5	075480105
XXXL	5	075480106

**7548N**

work t-shirt, 100% jersey cotton, 180 g/m<sup>2</sup>, black

CE



SIZE	QTY	SKU
XS	5	075480200
S	5	075480201
M	5	075480202
L	5	075480203
XL	5	075480204
XXL	5	075480205
XXXL	5	075480206

**7548O**

work t-shirt, 100% jersey cotton, 180 g/m<sup>2</sup>, orange

CE



SIZE	QTY	SKU
XS	5	075480300
S	5	075480301
M	5	075480302
L	5	075480303
XL	5	075480304
XXL	5	075480305
XXXL	5	075480306

**7549BL**

technical t-shirt, CoolDry®, 155 g/m<sup>2</sup>, blue

CE



SIZE	QTY	SKU
XS	2	075490000
S	2	075490001
M	2	075490002
L	2	075490003
XL	2	075490004
XXL	2	075490005
XXXL	2	075490006

**7549G**

technical t-shirt, CoolDry®, 155 g/m<sup>2</sup>, grey

CE



SIZE	QTY	SKU
XS	2	075490100
S	2	075490101
M	2	075490102
L	2	075490103
XL	2	075490104
XXL	2	075490105
XXXL	2	075490106

**7555**

lightweight sleeveless jacket, multi-pocket style, T/C twill 180 g/m<sup>2</sup>, blue

CE



SIZE	QTY	SKU
S	1	075550101
M	1	075550102
L	1	075550103
XL	1	075550104
XXL	1	075550105

**7575A**

sleeveless jacket, waterproof ripstop nylon 200 g/m<sup>2</sup>, padded and lined, black

CE



SIZE	QTY	SKU
XS	1	075750200
S	1	075750201
M	1	075750202
L	1	075750203
XL	1	075750204
XXL	1	075750205
XXXL	1	075750206

**7577N**

sleeveless jacket, 100% 50D microfibre polyester, padded, lined, black  
Elastic insert at armhole

CE



SIZE	QTY	SKU
XS	1	075770000
S	1	075770001
M	1	075770002
L	1	075770003
XL	1	075770004
XXL	1	075770005
XXXL	1	075770006

**7578G**

sleeveless jacket, ripstop nylon, waterproof, padded, lined, anthracite grey  
Stretch armhole

CE



SIZE	QTY	SKU
XS	1	075780000
S	1	075780001
M	1	075780002
L	1	075780003
XL	1	075780004
XXL	1	075780005
XXXL	1	075780006



**7621**

jacket, 2-ply laminated fleece, 360 g/m<sup>2</sup>, blue/grey

CE



XS	1	076210100
S	1	076210101
M	1	076210102
L	1	076210103
XL	1	076210104
XXL	1	076210105
XXXL	1	076210106

**7632G**

fleece pullover, 280 g/m<sup>2</sup>, with polyester inserts, anthracite grey/black

CE



XS	1	076320000
S	1	076320001
M	1	076320002
L	1	076320003
XL	1	076320004
XXL	1	076320005
XXXL	1	076320006

**7635G**

microfleece sweater, short-zipped, 180 g/m<sup>2</sup> anthracite grey

CE



XS	1	076350510
S	1	076350511
M	1	076350512
L	1	076350513
XL	1	076350514
XXL	1	076350515
XXXL	1	076350516

**7631**

pullover, 2-ply laminated fleece 360 g/m<sup>2</sup>, blue/grey

CE



XS	1	076310100
S	1 <td>076310101</td>	076310101
M	1 <td>076310102</td>	076310102
L	1 <td>076310103</td>	076310103
XL	1 <td>076310104</td>	076310104
XXL	1 <td>076310105</td>	076310105
XXXL	1 <td>076310106</td>	076310106

**7634N**

microfleece sweatshirt, long zip, 180 g/m<sup>2</sup>, black

CE



XS	1	076340000
S	1 <td>076340001</td>	076340001
M	1 <td>076340002</td>	076340002
L	1 <td>076340003</td>	076340003
XL	1 <td>076340004</td>	076340004
XXL	1 <td>076340005</td>	076340005
XXXL	1 <td>076340006</td>	076340006

**7640D**

sweatshirt, 60% cotton, 40% polyester, 320 g/m<sup>2</sup>, small back embroidery, grey

CE



XS	1	076400100
S	1 <td>076400101</td>	076400101
M	1 <td>076400102</td>	076400102
L	1 <td>076400103</td>	076400103
XL	1 <td>076400104</td>	076400104
XXL	1 <td>076400105</td>	076400105
XXXL	1 <td>076400106</td>	076400106

**7622G**

fleece jacket, 280 g/m<sup>2</sup>, with polyester inserts, anthracite grey/black

CE



XS	1	076220000
S	1 <td>076220001</td>	076220001
M	1 <td>076220002</td>	076220002
L	1 <td>076220003</td>	076220003
XL	1 <td>076220004</td>	076220004
XXL	1 <td>076220005</td>	076220005
XXXL	1 <td>076220006</td>	076220006

**7635N**

microfleece sweater, short-zipped, 180 g/m<sup>2</sup> black

CE



XS	1	076350500
S	1 <td>076350501</td>	076350501
M	1 <td>076350502</td>	076350502
L	1 <td>076350503</td>	076350503
XL	1 <td>076350504</td>	076350504
XXL	1 <td>076350505</td>	076350505
XXXL	1 <td>076350506</td>	076350506

**7640D**

sweatshirt, 60% cotton, 40% polyester, 320 g/m<sup>2</sup>, small back embroidery, blue

CE



XS	1	076400120
S	1 <td>076400121</td>	076400121
M	1 <td>076400122</td>	076400122
L	1 <td>076400123</td>	076400123
XL	1 <td>076400124</td>	076400124
XXL	1 <td>076400125</td>	076400125
XXXL	1 <td>076400126</td>	076400126

**7641BL**

hooded fleece sweatshirt, long zip,  
80% cotton, 20% polyester, 320 g/m<sup>2</sup>, blue

CE



XS	1	076410000
S	1	076410001
M	1	076410002
L	1	076410003
XL	1	076410004
XXL	1	076410005
XXXL	1	076410006

**7641G**

hooded fleece sweatshirt, long zip,  
80% cotton, 20% polyester, 320 g/m<sup>2</sup>, grey

CE



XS	1	076410100
S	1	076410101
M	1	076410102
L	1	076410103
XL	1	076410104
XXL	1	076410105
XXXL	1	076410106

**7675N**

jacket, stretch two-ply laminated softshell, 280  
g/m<sup>2</sup>,  
fleece-lined, black

CE



XS	1	076750000
S	1	076750001
M	1	076750002
L	1	076750003
XL	1	076750004
XXL	1	076750005
XXXL	1	076750006

**7682BL**

jacket, stretch two-ply laminated softshell, 320 g/m<sup>2</sup>  
waterproof, fleece-lined, blue/black  
Detachable hood

CE



S	1	076820001
M	1	076820002
L	1	076820003
XL	1	076820004
XXL	1	076820005
XXXL	1	076820006

**7681BL**

jacket in stretch two-ply laminated softshell,  
285 g/m<sup>2</sup>,  
lined in fleece, blue

CE



S	1	076810001
M	1	076810002
L	1	076810003
XL	1	076810004
XXL	1	076810005
XXXL	1	076810006

**7680N**

jacket in stretch two-ply laminated softshell, 340  
g/m<sup>2</sup>, with Cordura® insets, water-resistant,  
wind-resistant, breathable, black  
100% polyester mesh lining

CE



**CORDURA®**  
FABRIC

S	1	076800001
M	1	076800002
L	1	076800003
XL	1	076800004
XXL	1	076800005
XXXL	1	076800006

**7619N**

softmix jacket, two-ply laminated polyester, 390 g/m<sup>2</sup>  
with stretch softshell insets, 340 g/m<sup>2</sup>,  
water-resistant, wind-resistant, breathable, black

CE



S	1	076190001
M	1	076190002
L	1	076190003
XL	1	076190004
XXL	1	076190005
XXXL	1	076190006

**7695BL**

bomber jacket, nylon Taslon/White PU,  
waterproof,  
fleece lining, 240 g/m<sup>2</sup>, blue

CE



S	1	076950001
M	1	076950002
L	1	076950003
XL	1	076950004
XXL	1	076950005
XXXL	1	076950006

**7780N**

anorak, 100% 230T doobby polyester,  
waterproof, padded, lined, black  
Detachable hood and sleeves

CE



XS	1	077800000
S	1	077800001
M	1	077800002
L	1	077800003
XL	1	077800004
XXL	1	077800005
XXXL	1	077800006

**7815N**

work trousers, multipocket style, twisted T/C canvas, 280 g/m<sup>2</sup> with polyester inserts, black

CE



SIZE	QTY	SKU
XS	1	078150000
S	1	078150001
M	1	078150002
L	1	078150003
XL	1	078150004
XXL	1	078150005
XXXL	1	078150006

**7820**

work trousers, twisted T/C canvas, 280 g/m<sup>2</sup>, Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



**CORDURA**  
FABRIC

**3M Scotchlite**  
Reflective Material

SIZE	QTY	SKU
XS	1	078200000
S	1	078200001
M	1	078200002
L	1	078200003
XL	1	078200004
XXL	1	078200005
XXXL	1	078200006
XXXXL	1	078200007

**7821**

work Bermuda shorts, twisted T/C canvas, 280 g/m<sup>2</sup>, black/grey

CE



SIZE	QTY	SKU
XS	1	078210000
S	1	078210001
M	1	078210002
L	1	078210003
XL	1	078210004
XXL	1	078210005
XXXL	1	078210006
XXXXL	1	078210007

**7823**

work overalls, twisted T/C canvas, 280 g/m<sup>2</sup>, Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



**CORDURA**  
FABRIC

**3M Scotchlite**  
Reflective Material

SIZE	QTY	SKU
XS	1	078230000
S	1	078230001
M	1	078230002
L	1	078230003
XL	1	078230004
XXL	1	078230005
XXXL	1	078230006
XXXXL	1	078230007

**7825**

work overalls, twisted T/C canvas, 280 g/m<sup>2</sup>, Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



**CORDURA**  
FABRIC

**3M Scotchlite**  
Reflective Material

SIZE	QTY	SKU
XS	1	078250000
S	1	078250001
M	1	078250002
L	1	078250003
XL	1	078250004
XXL	1	078250005
XXXL	1	078250006
XXXXL	1	078250007



**7827**

sleeveless work jacket, twisted T/C canvas, 280 g/m<sup>2</sup>, Reflex 3M Scotchlite™ insets, black/grey

CE



Size	Quantity	Code
XS	1	078270000
S	1	078270001
M	1	078270002
L	1	078270003
XL	1	078270004
XXL	1	078270005
XXXL	1	078270006
XXXXL	1	078270007

**7829**

work jacket, twisted T/C canvas, 280 g/m<sup>2</sup>, Cordura® and Reflex 3M Scotchlite™ insets, black/grey

CE



Size	Quantity	Code
XS	1	078290000
S	1	078290001
M	1	078290002
L	1	078290003
XL	1	078290004
XXL	1	078290005
XXXL	1	078290006
XXXXL	1	078290007

**7860E**

work trousers, lightweight, T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey

CE



Size	Quantity	Code
XS	1	078600900
S	1	078600901
M	1	078600902
L	1	078600903
XL	1	078600904
XXL	1	078600905
XXXL	1	078600906
XXXXL	1	078600907

**7861E**

work Bermuda shorts, lightweight, T/C twill, 180 g/m<sup>2</sup>, grey

CE



Size	Quantity	Code
XS	1	078610900
S	1	078610901
M	1	078610902
L	1	078610903
XL	1	078610904
XXL	1	078610905
XXXL	1	078610906
XXXXL	1	078610907

**7863E**

work overalls, lightweight T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey

CE



Size	Quantity	Code
XS	1	078630900
S	1	078630901
M	1	078630902
L	1	078630903
XL	1	078630904
XXL	1	078630905
XXXL	1	078630906
XXXXL	1	078630907

**7865E**

work overalls, lightweight T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey

CE



Size	Quantity	Code
XS	1	078650900
S	1	078650901
M	1	078650902
L	1	078650903
XL	1	078650904
XXL	1	078650905
XXXL	1	078650906
XXXXL	1	078650907

**7867E**

sleeveless work jacket, multipocket style, lightweight, T/C twill, 180 g/m<sup>2</sup>, with Oxford inserts, grey

CE

**Beta** EASY

LIGHT



XS	1	078670900
S	1	078670901
M	1	078670902
L	1	078670903
XL	1	078670904
XXL	1	078670905
XXXL	1	078670906
XXXXL	1	078670907

**7869E**

work jacket, lightweight, T/C twill, 180 g/m<sup>2</sup> with Oxford inserts, grey

CE

**Beta** EASY

LIGHT



XS	1	078690900
S	1	078690901
M	1	078690902
L	1	078690903
XL	1	078690904
XXL	1	078690905
XXXL	1	078690906
XXXXL	1	078690907

**Beta****7870**

work trousers in T/C twill, 180 g/m<sup>2</sup>, with T/C ripstop insets, blue

CE



XS	1	078700000
S	1	078700001
M	1	078700002
L	1	078700003
XL	1	078700004
XXL	1	078700005
XXXL	1	078700006

**7871**

work shorts, T/C twill, 180 g/m<sup>2</sup> with T/C ripstop insets, blue

CE



XS	1	078710000
S	1	078710001
M	1	078710002
L	1	078710003
XL	1	078710004
XXL	1	078710005
XXXL	1	078710006

**7873**

work overalls, T/C twill 180 g/m<sup>2</sup>, T/C ripstop insets, blue

CE



XS	1	078730000
S	1	078730001
M	1	078730002
L	1	078730003
XL	1	078730004
XXL	1	078730005
XXXL	1	078730006

**7875**

lightweight work overalls in T/C twill, 180 g/m<sup>2</sup>, with T/C ripstop insets, blue

CE



XS	1	078750000
S	1	078750001
M	1	078750002
L	1	078750003
XL	1	078750004
XXL	1	078750005
XXXL	1	078750006

**Beta**

**7877**

sleeveless work jacket in T/C twill, 180 g/m<sup>2</sup>, with T/C ripstop insets, blue

CE



SIZE	QTY	SKU
XS	1	078770000
S	1	078770001
M	1	078770002
L	1	078770003
XL	1	078770004
XXL	1	078770005
XXXL	1	078770006

**7879**

work jacket in T/C twill, 180 g/m<sup>2</sup>, with T/C ripstop insets, blue

CE



SIZE	QTY	SKU
XS	1	078790000
S	1	078790001
M	1	078790002
L	1	078790003
XL	1	078790004
XXL	1	078790005
XXXL	1	078790006

**7900E**

work trousers, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, Oxford insets, grey

CE

Beta ERSY



SIZE	QTY	SKU
XS	1	079000900
S	1	079000901
M	1	079000902
L	1	079000903
XL	1	079000904
XXL	1	079000905
XXXL	1	079000906
XXXXL	1	079000907

**7901E**

work Bermuda shorts in T/C canvas, 260 g/m<sup>2</sup>, grey

CE

Beta ERSY



SIZE	QTY	SKU
XS	1	079010900
S	1	079010901
M	1	079010902
L	1	079010903
XL	1	079010904
XXL	1	079010905
XXXL	1	079010906
XXXXL	1	079010907

**7903E**

work overalls in T/C canvas, 260 g/m<sup>2</sup>, Oxford insets, grey

CE

Beta ERSY



SIZE	QTY	SKU
XS	1	079030900
S	1	079030901
M	1	079030902
L	1	079030903
XL	1	079030904
XXL	1	079030905
XXXL	1	079030906
XXXXL	1	079030907

**7904E**

work bomber jacket, T/C canvas, 260 g/m<sup>2</sup>, padded, lined, "Oxford" insets, grey

CE

Beta ERSY



SIZE	QTY	SKU
XS	1	079040900
S	1	079040901
M	1	079040902
L	1	079040903
XL	1	079040904
XXL	1	079040905
XXXL	1	079040906
XXXXL	1	079040907



### 7905E

work overalls in T/C canvas, 260 g/m<sup>2</sup>, Oxford insets, grey

CE

**Beta** EASY



XS	1	079050900
S	1	079050901
M	1	079050902
L	1	079050903
XL	1	079050904
XXL	1	079050905
XXXL	1	079050906
XXXXL	1	079050907

### 7908E

sleeveless technical work jacket in T/C canvas, 270 g/m<sup>2</sup>, grey

**Beta** EASY



M	1	079080902
XL	1	079080904

### 7910Y

work trousers in prewashed stretch cotton twill, 240 g/m<sup>2</sup>, mud brown

CE



XS	1	079100100
S	1	079100101
M	1	079100102
L	1	079100103
XL	1	079100104
XXL	1	079100105
XXXL	1	079100106

### 7907E

sleeveless work jacket, multipocket style, in T/C canvas, 260 g/m<sup>2</sup>, Oxford insets, grey

CE

**Beta** EASY



XS	1	079070900
S	1	079070901
M	1	079070902
L	1	079070903
XL	1	079070904
XXL	1	079070905
XXXL	1	079070906
XXXXL	1	079070907

### 7909E

work jacket in T/C canvas, 260 g/m<sup>2</sup>, Oxford insets, grey

CE

**Beta** EASY



XS	1	079090900
S	1	079090901
M	1	079090902
L	1	079090903
XL	1	079090904
XXL	1	079090905
XXXL	1	079090906
XXXXL	1	079090907

### 7911Y

work Bermuda shorts, prewashed stretch cotton twill, 240 g/m<sup>2</sup>, mud brown

CE



XS	1	079110100
S	1	079110101
M	1	079110102
L	1	079110103
XL	1	079110104
XXL	1	079110105
XXXL	1	079110106

**Beta** Collection

**Beta**



### 7913Y

work overalls, prewashed stretch cotton twill, 240 g/m<sup>2</sup>, mud brown

CE



SIZE	QTY	SKU
XS	1	079130100
S	1	079130101
M	1	079130102
L	1	079130103
XL	1	079130104
XXL	1	079130105
XXXL	1	079130106

### 7917Y

sleeveless work jacket, prewashed stretch cotton twill, 240 g/m<sup>2</sup>, mud brown

CE



SIZE	QTY	SKU
XS	1	079170100
S	1	079170101
M	1	079170102
L	1	079170103
XL	1	079170104
XXL	1	079170105
XXXL	1	079170106

### 7919Y

work jacket, prewashed stretch cotton twill, 240 g/m<sup>2</sup>, mud brown

CE



SIZE	QTY	SKU
XS	1	079190100
S	1	079190101
M	1	079190102
L	1	079190103
XL	1	079190104
XXL	1	079190105
XXXL	1	079190106

### 7930P

work trousers, 100% cotton, 260 g/m<sup>2</sup>, payne grey

CE



SIZE	QTY	SKU
XS	1	079300100
S	1	079300101
M	1	079300102
L	1	079300103
XL	1	079300104
XXL	1	079300105
XXXL	1	079300106



### 7930IP

work trousers, 100% cotton, 260 g/m<sup>2</sup>, flannelette lining, 115 g/m<sup>2</sup>, payne grey

CE



SIZE	QTY	SKU
XS	1	079300200
S	1	079300201
M	1	079300202
L	1	079300203
XL	1	079300204
XXL	1	079300205
XXXL	1	079300206

### 7931P

work shorts, 100% cotton, 260 g/m<sup>2</sup>, payne grey

CE



SIZE	QTY	SKU
XS	1	079310100
S	1	079310101
M	1	079310102
L	1	079310103
XL	1	079310104
XXL	1	079310105
XXXL	1	079310106

**7933P**

work overalls, 100% cotton, 260 g/m<sup>2</sup>,  
payne grey

CE



SIZE	QTY	SKU
XS	1	079330100
S	1	079330101
M	1	079330102
L	1	079330103
XL	1	079330104
XXL	1	079330105
XXXL	1	079330106

**7935P**

work overalls, 100% cotton, 260 g/m<sup>2</sup>,  
payne grey

CE



SIZE	QTY	SKU
XS	1	079350100
S	1	079350101
M	1	079350102
L	1	079350103
XL	1	079350104
XXL	1	079350105
XXXL	1	079350106

**7937P**

sleeveless work jacket, 100% cotton,  
260 g/m<sup>2</sup>, payne grey

CE



SIZE	QTY	SKU
XS	1	079370100
S	1	079370101
M	1	079370102
L	1	079370103
XL	1	079370104
XXL	1	079370105
XXXL	1	079370106

**7939P**

work jacket, 100% cotton, 260 g/m<sup>2</sup>,  
payne grey

CE



SIZE	QTY	SKU
XS	1	079390100
S	1	079390101
M	1	079390102
L	1	079390103
XL	1	079390104
XXL	1	079390105
XXXL	1	079390106

**7930D**

work trousers, 100% cotton, 260 g/m<sup>2</sup>,  
davy grey

CE



SIZE	QTY	SKU
XS	1	079300000
S	1	079300001
M	1	079300002
L	1	079300003
XL	1	079300004
XXL	1	079300005
XXXL	1	079300006

**7931D**

work shorts, 100% cotton, 260 g/m<sup>2</sup>,  
davy grey

CE



SIZE	QTY	SKU
XS	1	079310000
S	1	079310001
M	1	079310002
L	1	079310003
XL	1	079310004
XXL	1	079310005
XXXL	1	079310006



**7933D**

work overalls, 100% cotton, 260 g/m<sup>2</sup>, davy grey

CE



SIZE	ART. NO.
XS	1 079330000
S	1 079330001
M	1 079330002
L	1 079330003
XL	1 079330004
XXL	1 079330005
XXXL	1 079330006

**7935D**

work overalls, 100% cotton, 260 g/m<sup>2</sup>, davy grey

CE



SIZE	ART. NO.
XS	1 079350000
S	1 079350001
M	1 079350002
L	1 079350003
XL	1 079350004
XXL	1 079350005
XXXL	1 079350006

**7937D**

sleeveless work jacket, 100% cotton, 260 g/m<sup>2</sup>, davy grey

CE



SIZE	ART. NO.
XS	1 079370000
S	1 079370001
M	1 079370002
L	1 079370003
XL	1 079370004
XXL	1 079370005
XXXL	1 079370006

**7939D**

work jacket, 100% cotton, 260 g/m<sup>2</sup>, davy grey

CE



SIZE	ART. NO.
XS	1 079390000
S	1 079390001
M	1 079390002
L	1 079390003
XL	1 079390004
XXL	1 079390005
XXXL	1 079390006

**7970**

waterproof trousers in PVC Tricot, blue

CE



SIZE	ART. NO.
XS	1 079700000
S	1 079700001
M	1 079700002
L	1 079700003
XL	1 079700004
XXL	1 079700005
XXXL	1 079700006

**7973**

waterproof overalls in PVC Tricot, blue

CE



SIZE	ART. NO.
XS	1 079730000
S	1 079730001
M	1 079730002
L	1 079730003
XL	1 079730004
XXL	1 079730005
XXXL	1 079730006

**7979**

waterproof jacket in PVC Tricot, blue

CE



<b>S</b>	1 079790001
<b>M</b>	1 079790002
<b>L</b>	1 079790003
<b>XL</b>	1 079790004
<b>XXL</b>	1 079790005
<b>XXXL</b>	1 079790006

**7971E**

waterproof trousers, PVC-coated polyester, with thermo-taped seams, blue

CE

**Beta EASY**

<b>XS</b>	1 079710000
<b>S</b>	1 079710001
<b>M</b>	1 079710002
<b>L</b>	1 079710003
<b>XL</b>	1 079710004
<b>XXL</b>	1 079710005
<b>XXXL</b>	1 079710006

**7978E**

waterproof jacket, PVC-coated polyester, with thermo-taped seams, blue

CE

**Beta EASY**

<b>XS</b>	1 079780000
<b>S</b>	1 079780001
<b>M</b>	1 079780002
<b>L</b>	1 079780003
<b>XL</b>	1 079780004
<b>XXL</b>	1 079780005
<b>XXXL</b>	1 079780006

**7991N**technical underpants, 100% polyester, 130 g/m<sup>2</sup>, black

CE



<b>S</b>	1 079910001
<b>M</b>	1 079910002
<b>L</b>	1 079910003
<b>XL</b>	1 079910004
<b>XXL</b>	1 079910005

**7992N**technical undershirt, long-sleeved, 100% polyester, 130 g/m<sup>2</sup>, black

CE



<b>S</b>	1 079920001
<b>M</b>	1 079920002
<b>L</b>	1 079920003
<b>XL</b>	1 079920004
<b>XXL</b>	1 079920005

**7993**technical underpants, 90% nylon, 4% polyester, 6% spandex, black  
Based on seamless technology, which has a containing function and makes it easier to perform movements

CE



<b>S</b>	1 079930001
<b>M/L</b>	1 079930002
<b>XL/XXL</b>	1 079930004

**Beta**

**7994**

technical undershirt, long-sleeved, 75% nylon, 25% polyester, black/grey  
Based on seamless technology, which has a containing function and makes it easier to perform movements

CE



S	1 079940001
M/L	1 079940002
XL/XXL	1 079940004

**7995**

technical undershirt, short-sleeved, 75% nylon, 25% polyester, black/grey  
Based on seamless technology, which has a containing function and makes it easier to perform movements

CE



S	1 079950001
M/L	1 079950002
XL/XXL	1 079950004

**7984**

work belt, 90% polyester, 10% cotton, one-size-fits-all, 130 cm long (can be shortened), 35 mm wide anthracite grey

CE



7984	1 079840130
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**7800G**

work knee pads pair

CE



7800G	1 078000500
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**7980**

pocket rain hat, PU nylon, black

CE



M	5 079800002
L	5 079800003
XL	5 079800004

**7981**

cap, wool and Thinsulate™ 150 g/m², black

CE



M	5 079810002
XL	5 079810004

**7982G**

cap, T/C canvas 270 g/m², grey

CE



7982	5 079820009
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**7982B**

cap, T/C canvas, 280 g/m², black

CE



7982N	5 079820109
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**7071BC**

safety glasses with clear polycarbonate lenses



EN166F - 1F

7071BC	1 070710009
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**7071BD**

safety glasses with polycarbonate lenses



EN166 - 1F

7071BD	1 070710019
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**7091BC**

safety glasses with semitransparent polycarbonate lenses



EN166F - 1F  
EN170  
EN172  
UV 5-3.1

7091BC	1 070910002
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**7091BD**

safety glasses with dark polycarbonate lenses



EN166F - 1F  
EN170  
EN172  
UV 5-2.5

7091BD	1 070910012
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**C62M/W**

mannequin



185 cm

65 cm

C62M/W	1 062000360
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### C62EV/CP

footwear display stand, 15 positions

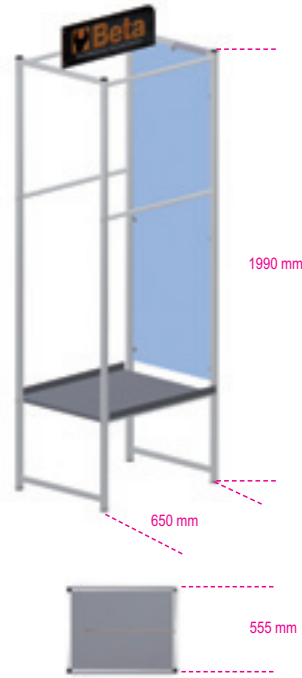


C62EV/CP

1 062000401

### C62E/B2

packed clothing display

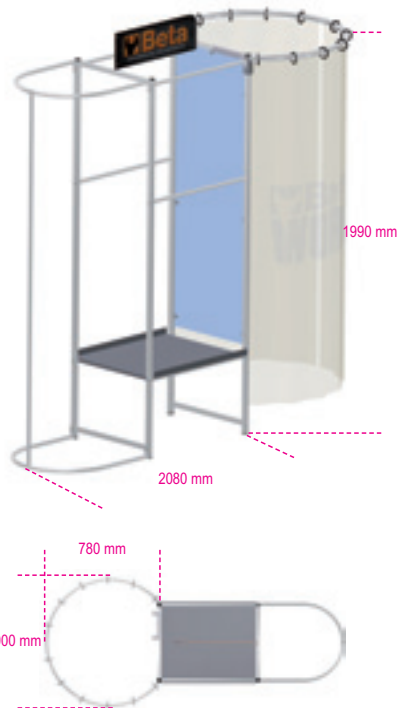


C62E/B2

1 062000552

### C62E/D

clothing display stand complete with fitting room



C62E/D

1 062000600

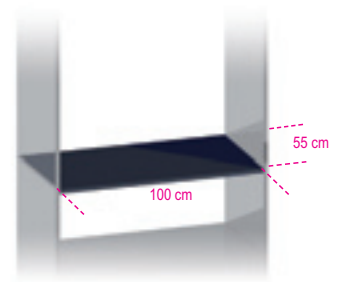
### C62

floor workwear and safety footwear display



C62/1	1 m	1 062000001
C62/2	2 m	1 062000002
C62/3	3 m	1 062000003
C62/4	4 m	1 062000004

### accessories



C62/R

1 062000050

### 6200AP/S10

set of 10 hangers

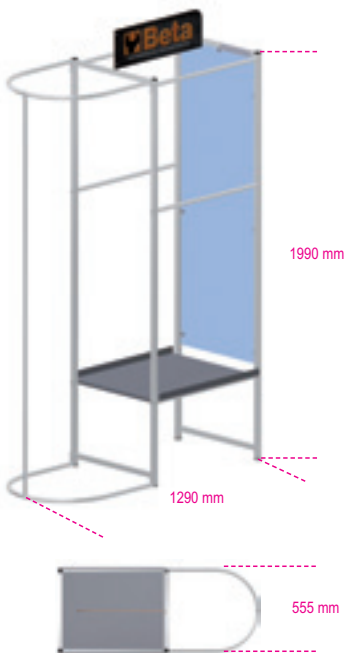


6200AP/S10

1 062000331

### C62E/B

clothing display stand



C62E/B

1 062000550

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.

## 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

## Key

**8041EALZ**

item number

lifting eye bolts, DIN 580:2003  
galvanized

CE



DIN 580:2003

size

Ø mm	h mm	WLL kg		
M8	1,25	140	60	080410108
M10	1,5	230	50	080410110
M12	1,75	340	25	080410112
M14	2	480	25	080410114
M16	2	700	1	080410116
M18	2,5	930	1	080410118
M20	2,5	1200	1	080410120
M22	2,5	1450	1	080410122
M24	3	1800	1	080410124

n.° of tools  
per box

code number

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓			
8002ZD	✓			
8003ZD	✓			
8004ND	✓			
8005Z	✓			
8006Z	✓			
8007Z	✓			
8008N	✓			
8009FD	✓			
8009Z	✓			
8010Z	✓			
8016	✓			✓
8016DA	✓			✓
8016DF	✓			✓
8016FR	✓			
8016U	✓		✓	✓
8018E	✓			
8018T	✓			
8020	✓			
8021	✓			
8025	✓	✓		✓
8026A	✓	✓		✓
8028	✓	✓		✓
8029	✓	✓		✓
8030	✓	✓		✓
8031	✓	✓		✓
8040EN	✓	✓		✓
8040EZ	✓	✓		✓
8041EALZ	✓	✓		✓
8042EN	✓	✓		✓
8042EZ	✓	✓		✓
8043EALZ	✓	✓		✓
8044	✓	✓		✓
8048	✓			
8049	✓	✓		✓
8051S	✓	✓		✓
8055S	✓	✓		✓
8057	✓	✓		✓
8058	✓	✓		✓
8060	✓	✓		✓
8061F	✓	✓		✓
8062	✓	✓		✓
8064S	✓	✓		✓
8065SC	✓	✓		✓
8069	✓	✓		✓

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8074	✓			
8080	✓			
8085	✓	✓		✓
8086	✓	✓		✓
8090	✓	✓		✓
8090F	✓	✓		✓
8091			✓	✓
8092			✓	✓
8094			✓	✓
8096			✓	✓
8097			✓	✓
8098			✓	✓
8100	✓	✓		✓
8105	✓			
8109	✓			
8114	✓			
8116	✓			
8150	✓		✓	✓
8153	✓		✓	✓
8156	✓		✓	✓
8157	✓		✓	✓
8158	✓		✓	✓
8159	✓		✓	✓
8160	✓		✓	✓
8161	✓		✓	✓
8170	✓		✓	✓
8173	✓		✓	✓
8176	✓		✓	✓
8177	✓		✓	✓
8178	✓		✓	✓
8180	✓			
8181	✓			
8182	✓			
8182S	✓			
8185	✓			
8186	✓			
8187	✓			
8188C	✓			
8188CG/25	✓			
8188F	✓			
8188F/35	✓			
8188FG2	✓			
8188FG3	✓			
8302Z	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8303Z	✓			
8317DZ	✓			
8317SZ	✓			
8381SL	✓			
8381SP	✓			
8383C	✓			
8383P	✓			
8515V	✓			
8515Z	✓			
8531	✓			
8532	✓			
8535	✓			
8205	✓			
8206	✓			
8207	✓			
8209	✓			
8210	✓			
8216	✓			
8220	✓			
8225	✓			
8227	✓			
8228	✓			
8240	✓			
8240F	✓	✓		✓
8242	✓			
8242F	✓	✓		✓
8249	✓			
8250	✓			
8264	✓			
8267	✓			
8272	✓			
8273	✓			
8274	✓			
8274G	✓			
8276	✓			
8276G	✓			
8278	✓			
8280	✓			
8282	✓			
8284	✓			
8285	✓			
8286	✓			
8287	✓			
8290	✓			

## 8001Z

turnbuckle bodies, galvanized



Ø mm	"	WFL kg	📦	🚚
M5	3/16	115	1	080010105
M6	1/4	160	1	080010106
M8	5/16	300	1	080010108
M10	3/8	470	1	080010110
M11	7/16	580	1	080010111
M12	1/2	690	1	080010112
M14	9/16	940	1	080010114
M16	5/8	1290	1	080010116
M18	11/16	1660	1	080010118
M20	3/4	2130	1	080010120
M22	7/8	2630	1	080010122
M24	1"	3060	1	080010124
M27	1 1/8	4000	1	080010127
M30	1 3/16	4860	1	080010130
M33	1 1/4	6040	1	080010133

## 8002ZD

turnbuckle eyes  
right thread, galvanized

On request available with left thread



Ø mm	"	WFL kg	📦	🚚
M5	3/16	115	200	080020105
M6	1/4	160	150	080020106
M8	5/16	300	100	080020108
M10	3/8	470	100	080020110
M11	7/16	580	1	080020111
M12	1/2	690	50	080020112
M14	9/16	940	1	080020114
M16	5/8	1290	1	080020116
M18	11/16	1660	1	080020118
M20	3/4	2130	1	080020120
M22	7/8	2630	1	080020122
M24	1"	3060	1	080020124
M27	1 1/8	4000	1	080020127
M30	1 3/16	4860	1	080020130
M33	1 1/4	6040	1	080020133

## 8003ZD

turnbuckle hooks  
right thread, galvanized

On request available with left thread



Ø mm	"	WFL kg	📦	🚚
M5	3/16	25	150	080030105
M6	1/4	45	120	080030106
M8	5/16	95	100	080030108
M10	3/8	140	70	080030110
M11	7/16	165	1	080030111
M12	1/2	300	30	080030112
M14	9/16	420	1	080030114
M16	5/8	570	1	080030116
M18	11/16	700	1	080030118
M20	3/4	900	1	080030120
M22	7/8	1100	1	080030122
M24	1"	1300	1	080030124
M27	1 1/8	2300	1	080030127

## 8004ND

turnbuckle stubs  
right-handed thread - self-coloured



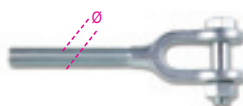
Ø mm	"	WFL kg	📦	🚚
M5	3/16	115	1	080040005
M6	1/4	160	1	080040006
M8	5/16	300	1	080040008
M10	3/8	470	1	080040010
M11	7/16	580	1	080040011
M12	1/2	690	1	080040012
M14	9/16	940	1	080040014
M16	5/8	1290	1	080040016
M18	11/16	1660	1	080040018
M20	3/4	2130	1	080040020
M22	7/8	2630	1	080040022
M24	1"	3060	1	080040024

left-handed thread

Ø mm	"	WFL kg	📦	🚚
M5	3/16	115	1	080040105
M6	1/4	160	1	080040106
M8	5/16	300	1	080040108
M10	3/8	470	1	080040110
M11	7/16	580	1	080040111
M12	1/2	690	1	080040112
M14	9/16	940	1	080040114
M16	5/8	1290	1	080040116
M18	11/16	1660	1	080040118
M20	3/4	2130	1	080040120
M22	7/8	2630	1	080040122
M24	1"	3060	1	080040124

## 8009FD

turnbuckle jaws  
right-handed thread - galvanized



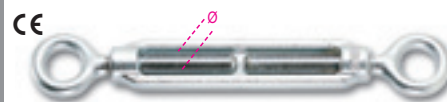
Ø mm	"	WFL kg	📦	🚚
M8	5/16	300	1	080090208
M10	3/8	470	1	080090210
M12	1/2	690	1	080090212
M14	9/16	940	1	080090214
M16	5/8	1290	1	080090216
M18	11/16	1660	1	080090218
M20	3/4	2130	1	080090220
M22	7/8	2630	1	080090222
M24	1"	3060	1	080090224
M27	1 1/8	4000	1	080090227
M30	1 3/16	4860	1	080090230

left-handed thread

Ø mm	"	WFL kg	📦	🚚
M8	5/16	300	1	080090408
M10	3/8	470	1	080090410
M12	1/2	690	1	080090412
M14	9/16	940	1	080090414
M16	5/8	1290	1	080090416
M18	11/16	1660	1	080090418
M20	3/4	2130	1	080090420
M22	7/8	2630	1	080090422
M24	1"	3060	1	080090424
M27	1 1/8	4000	1	080090427
M30	1 3/16	4860	1	080090430

## 8005Z

eye and eye turnbuckles, galvanized



Ø mm	"	WFL kg	📦	🚚
M5	3/16	115	400	080050105
M6	1/4	160	300	080050106
M8	5/16	300	200	080050108
M10	3/8	470	100	080050110
M11	7/16	580	80	080050111
M12	1/2	690	60	080050112
M14	9/16	940	15	080050114
M16	5/8	1290	1	080050116
M18	11/16	1660	1	080050118
M20	3/4	2130	1	080050120
M22	7/8	2630	1	080050122
M24	1"	3060	1	080050124
M27	1 1/8	4000	1	080050125
M30	1 3/16	4860	1	080050130
M33	1 1/4	6040	1	080050126
M36*	1 3/8	6500	1	080050136
M39*	1 1/2	7900	1	080050139

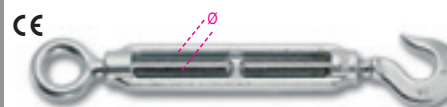
\* Whitworth

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

## 8006Z

hook and eye turnbuckles, galvanized



Ø mm	"	WFL kg	📦	🚚
M5	3/16	25	400	080060105
M6	1/4	45	250	080060106
M8	5/16	95	180	080060108
M10	3/8	140	100	080060110
M11	7/16	165	70	080060111
M12	1/2	300	15	080060112
M14	9/16	420	1	080060114
M16	5/8	570	1	080060116
M18	11/16	700	1	080060118
M20	3/4	900	1	080060120
M22	7/8	1100	1	080060122
M24	1"	1300	1	080060124
M27	1 1/8	2300	1	080060127

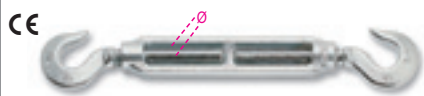
special packaging

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
M11	7/16	15	1	080060711



## 8007Z

hook and hook turnbuckles, galvanized



Ø mm	"	WFL kg		
M5	3/16	25	30	080070105
M6	1/4	45	30	080070106
M8	5/16	95	20	080070108
M10	3/8	140	15	080070110
M11	7/16	165	15	080070111
M12	1/2	300	15	080070112
M14	9/16	420	1	080070114
M16	5/8	570	1	080070116
M18	11/16	700	1	080070118
M20	3/4	900	1	080070120
M22	7/8	1100	1	080070122
M24	1"	1300	1	080070124
M27	1 1/8	2300	1	080070127

## 8008N

stub and stub turnbuckles  
self-coloured



Ø mm	"	WFL kg		
M5	3/16	115	1	080080205
M6	1/4	160	1	080080206
M8	5/16	300	1	080080208
M10	3/8	470	1	080080210
M11	7/16	580	1	080080211
M12	1/2	690	1	080080212
M14	9/16	940	1	080080214
M16	5/8	1290	1	080080216
M18	11/16	1660	1	080080218
M20	3/4	2130	1	080080220
M22	7/8	2630	1	080080222
M24	1"	3060	1	080080224
M27	1 1/8	4000	1	080080227
M30	1 3/16	4860	1	080080230
M33	1 1/4	6040	1	080080233
M36*	1 3/8	6500	1	080080236
M39*	1 1/2	7900	1	080080239

\* Whitworth

## 8009Z

jaw and jaw turnbuckles, galvanized



Ø mm	"	WFL kg		
M8	5/16	300	1	080090008
M10	3/8	470	1	080090010
M12	1/2	690	1	080090012
M14	9/16	940	1	080090014
M16	5/8	1290	1	080090016
M18	11/16	1660	1	080090018
M20	3/4	2130	1	080090020
M22	7/8	2630	1	080090022
M24	1"	3060	1	080090024
M27	1 1/8	4000	1	080090027
M30	1 3/16	4860	1	080090030

## 8010Z

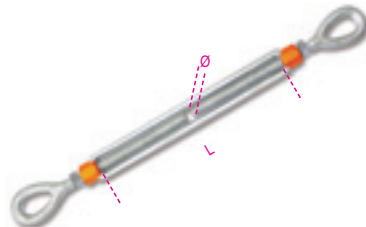
eye and jaw turnbuckles, galvanized



Ø mm	"	WFL kg		
M8	5/16	300	1	080100008
M10	3/8	470	1	080100010
M12	1/2	690	1	080100012
M14	9/16	940	1	080100014
M16	5/8	1290	1	080100016
M18	11/16	1660	1	080100018
M20	3/4	2130	1	080100020
M22	7/8	2630	1	080100022
M24	1"	3060	1	080100024
M27	1 1/8	4000	1	080100027
M30	1 3/16	4860	1	080100030

## 8105

eye and eye turnbuckles  
high tensile steel, hot dip galvanized

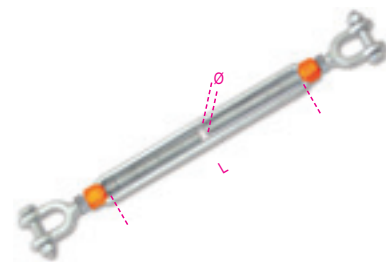


ØxL "	≈ mm	WFL kg		
3/8x6	M10x150	540	1	081050010
1/2x9	M12x230	1000	1	081050012
5/8x9	M16x230	1590	1	081050016
3/4x9	M20x230	2360	1	081050020
7/8x12	M22x300	3270	1	081050022
1"x6	M24x150	4540	1	081050024
1"x12	M24x300	4540	1	081050025
1 1/4x12	M33x300	6890	1	081050031

Other sizes available upon request

## 8109

jaw and jaw turnbuckles  
high tensile steel, hot dip galvanized

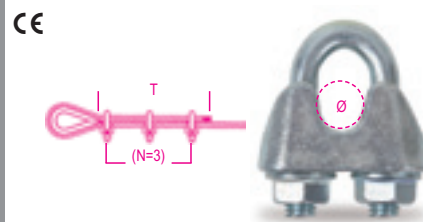


ØxL "	≈ mm	WFL kg		
3/8x6	M10x150	540	1	081090010
1/2x9	M12x230	1000	1	081090012
5/8x9	M16x230	1590	1	081090016
3/4x9	M20x230	2360	1	081090020
7/8x12	M22x300	3270	1	081090022
1"x6	M24x150	4540	1	081090024
1"x12	M24x300	4540	1	081090025
1 1/4x12	M33x300	6890	1	081090031

Other sizes available upon request

## 8016U

wire rope clips EN 13411-5, type A  
malleable cast iron body  
galvanized



EN 13411-5

Ø mm	"	T	N		
5	3/16	156	3	300	080160605
6,5	1/4	192	3	150	080160606
8	5/16	320	4	70	080160608
10	3/8	320	4	60	080160610
12	1/2	384	4	25	080160612
14	9/16	448	4	15	080160614
16	5/8	512	4	10	080160616
19	3/4	512	4	15	080160619
22	7/8	680	5	10	080160622
26	1"	760	5	15	080160626
30	1 1/8	984	6	5	080160630
34	1 1/4	1080	6	5	080160634
40	1 1/2	1176	6	3	080160640

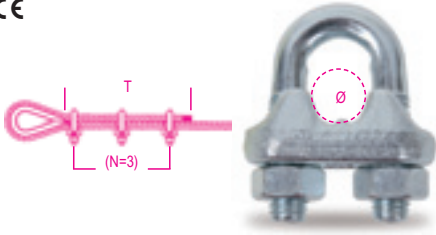
**Robur**

**Robur**

### 8016

wire rope clips,  
hot forged steel body, galvanized

CE



Ø mm	"	T	N		
3	1/8	80	3	500	080160003
5	3/16	110	3	300	080160005
6	1/4	120	3	200	080160006
8	5/16	210	5	150	080160008
10	3/8	240	5	70	080160010
11	7/16	260	5	70	080160011
12-13	1/2	300	5	40	080160013
14	9/16	295	5	35	080160014
16	5/8	335	5	30	080160016
18	11/16	380	5	30	080160018
20	3/4	540	5	30	080160020
22	7/8	595	7	25	080160022
24-26	1"	700	7	15	080160026
28	1"1/16	840	8	1	080160028
30-32	1"1/8	990	8	1	080160030
34-36	1"1/4	1155	8	1	080160034
38-40	1"1/2	1320	8	1	080160040

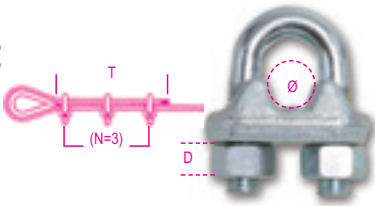
special packaging

Ø mm	"				
3	1/8	100	1	080160703	
5	3/16	50	1	080160705	
6	1/4	50	1	080160706	
8	5/16	30	1	080160708	
10	3/8	30	1	080160710	
11	7/16	25	1	080160711	
12-13	1/2	15	1	080160713	

### 8016DA

wire rope clips with high nuts,  
hot forged steel body, galvanized

CE

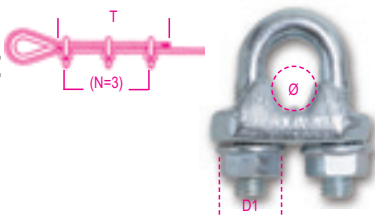


Ø mm	T	N	D mm		
5	110	3	5	300	080160093
6	120	3	6	200	080160092
8	210	5	6	150	080160098
10	240	5	8	70	080160096

### 8016DF

wire rope clips with flanged nuts,  
hot forged steel body, galvanized

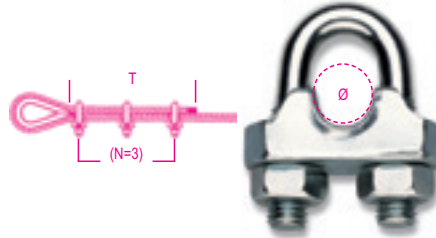
CE



Ø mm	T	N	D1 mm		
6	120	3	14,2	200	080160066
8	210	5	14,2	150	080160068
10	240	5	17,9	70	080160070

### 8016FR

wire rope clips,  
cold pressed steel body, galvanized



Ø mm	"	T	N		
3	1/8	80	3	500	080160253
5	3/16	110	3	300	080160255
6	1/4	120	3	200	080160256
8	5/16	210	5	150	080160258
10	3/8	240	5	70	080160260
12-13	1/2	300	5	40	080160263

### 8018E

wire rope clips, ENEL type,  
hot forged steel body, hot-dip galvanized



Ø mm	A mm	L mm		
4+6	M6	34	100	080180001

### 8018T

wire rope clips, TELECOM type  
malleable cast iron body  
galvanized



Ø mm	A mm	L mm		
8+10	M8	42	200	080180003

### 8317DZ

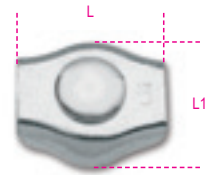
duplex wire rope clips  
galvanized



Ø mm	L mm	L1 mm		
2	30	14	50	083170002
3	35	15	50	083170003
4	40	18	50	083170004
5	50	21	25	083170005
6	60	25	20	083170006
8	76	33	10	083170008
10	95	37	10	083170010

### 8317SZ

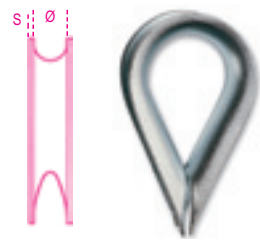
simplex wire rope clips  
galvanized



Ø mm	L mm	L1 mm		
2	15	14	100	083170102
3	18	16	100	083170103
4	20	19	100	083170104
5	24	23	50	083170105
6	30	27	30	083170106
8	36	34	20	083170108
10	42	37	10	083170110

### 8020

thimbles, light type,  
galvanized



Ø mm	S mm			
2-3	0,6	350	35	080200103
4	0,7	300	30	080200104
5	0,8	300	30	080200105
6	1,0	200	20	080200106
8	1,2	180	18	080200108
10	1,5	120	12	080200110
12	1,8	160	16	080200112
14	2,0	100	10	080200114
16	2,0	150	15	080200116
18	2,5	100	10	080200118
20	3,0	70	7	080200120
22	3,0	60	6	080200122
25	3,5	40	4	080200125
28	4,0	10	1	080200128

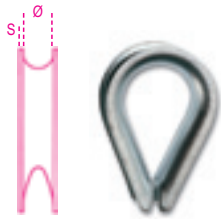
special packaging

Ø mm	S mm			
2-3	0,6	150	1	080200703
4	0,7	150	1	080200704
5	0,8	100	1	080200705
6	1,0	100	1	080200706
8	1,2	50	1	080200708
10	1,5	30	1	080200710

**Robur**

## 8021

thimbles, heavy type, galvanized



Ø mm	S mm		
5	1,7	120	080210005
6	1,8	100	080210006
8	2,5	100	080210008
10	2,5	80	080210010
12	2,5	100	080210012
14	2,7	70	080210014
16	3,0	50	080210016
18	3,5	70	080210018
20	4,0	60	080210020
22	4,0	50	080210022
24	4,0	40	080210024
26	4,0	35	080210026
28	5,0	1	080210028
30	5,0	1	080210030
32	5,5	1	080210032
35	6,0	1	080210035
40	6,0	1	080210040

## 8025

straight shackles, wide type, galvanized

CE



Ø mm	"	WLL kg		
5	3/16	70	250	080250005
6	1/4	100	250	080250006
8	5/16	250	150	080250008
10	3/8	400	180	080250010
11	7/16	500	130	080250011
12	1/2	600	100	080250012
14	9/16	800	70	080250014
16	5/8	1000	15	080250016
18	11/16	1300	15	080250018
20	3/4	1600	10	080250020
22	7/8	2000	10	080250022
25	1"	2800	5	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

**Robur**

## 8026A

straight shackles, UNI 1947 type A, galvanized

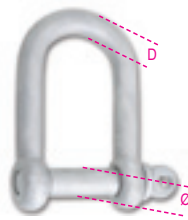
CE



Ø mm	"	WLL kg		
12	1/2	630	35	080260012
14	9/16	800	30	080260014
16	5/8	1000	20	080260016
18	11/16	1300	15	080260018
20	3/4	1600	10	080260020
22	7/8	2000	10	080260022
25	1"	2500	5	080260025
28	1.1/8	3150	1	080260028
32	1.1/4	4000	1	080260032
36	1.3/8	5000	1	080260036
40	1.9/16	6300	1	080260040
42	1.5/8	8000	1	080260042
45	1.3/4	10000	1	080260045
50	2"	12500	1	080260050

## 8531

straight FISHING shackles, hot-dip galvanized



Ø mm	D mm	WFL kg		
20	18	1600	1	085310018
22	20	2500	1	085310020

## 8532

straight FISHING shackles, with square pin, black painted



Ø mm	D mm	WFL kg		
20	20	1600	1	085320020
22	22	2500	1	085320022

## 8028

bow shackles, galvanized

CE



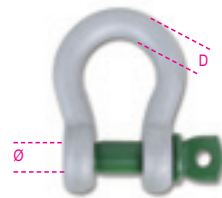
Ø mm	"	WLL kg		
5	3/16	80	1	080280105
6	1/4	100	1	080280106
8	5/16	200	1	080280108
10	3/8	300	1	080280110
11	7/16	400	1	080280111
12	1/2	500	1	080280112
14	9/16	600	1	080280114
16	5/8	800	1	080280116
18	11/16	950	1	080280118
20	3/4	1100	1	080280120
22	7/8	1500	1	080280122
25	1"	2000	1	080280125
28	1.1/8	2600	1	080280128
32	1.1/4	3200	1	080280132
38	1.1/2	4500	1	080280138

**Robur**

## 8029

bow shackles, screw collar pin  
GRADE 6 high tensile steel  
hot-dipped galvanized body

CE



\*EN 13889

Ø mm	D "	WLL kg		
* 11	3/8	1000	1	080290011
* 13	7/16	1500	1	080290013
* 16	1/2	2000	1	080290016
* 19	5/8	3250	1	080290019
* 22	3/4	4750	1	080290022
* 25	7/8	6500	1	080290025
* 28	1"	8500	1	080290028
* 32	1.1/8	9500	1	080290032
* 35	1.1/4	12000	1	080290035
* 38	1.3/8	13500	1	080290038
* 42	1.1/2	17000	1	080290042
* 50	1.3/4	25000	1	080290050
57	2"	35000	1	080290057
65	2.1/4	42500	1	080290065
70	2.1/2	55000	1	080290070

**Robur**



### 8030

alloy steel bow shackles, GRADE 6  
pin with female square,  
hot-dip galvanized body

CE

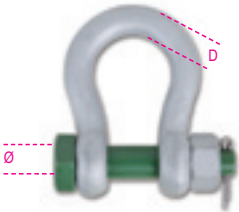


Ø mm	D "	WLL kg		
16	1/2	2000	1	080300016
19	5/8	3250	1	080300019
22	3/4	4750	1	080300022
25	7/8	6500	1	080300025

### 8031

bow shackles, with safety bolt  
GRADE 6, high tensile steel  
hot-dipped galvanized body

CE



\*EN 13889

Ø mm	D "	WLL kg		
* 11	3/8	1000	1	080310011
* 16	1/2	2000	1	080310016
* 19	5/8	3250	1	080310019
* 22	3/4	4750	1	080310022
* 25	7/8	6500	1	080310025
* 28	1"	8500	1	080310028
* 32	1.1/8	9500	1	080310032
* 35	1.1/4	12000	1	080310035
* 38	1.3/8	13500	1	080310038
* 42	1.1/2	17000	1	080310042
* 50	1.3/4	25000	1	080310050
70	2.1/2	55000	1	080310070

### 8040EZ

lifting eye bolts, DIN 580:1972  
galvanized

CE



DIN 580:1972

Ø mm	WLL kg		
M6	1	75	60 080400406
M8	1,25	140	60 080400408
M10	1,5	230	50 080400410
M12	1,75	340	25 080400412
M14	2	480	25 080400414
M16	2	700	1 080400416
M18	2,5	930	1 080400418
M20	2,5	1200	1 080400420
M22	2,5	1450	1 080400422
M24	3	1800	1 080400424
M27	3	2400	1 080400427
M30	3,5	3200	1 080400430

Ø mm	WLL kg		
M33	3,5	3900	1 080400433
M33F	2	3900	1 080400434
M36	4	4600	1 080400436
M36F	3	4600	1 080400437
M42	4,5	6300	1 080400442
M42F	3	6300	1 080400443
M48	5	8600	1 080400448
M48F	3	8600	1 080400449
M56	5,5	11500	1 080400456
M56F	4	11500	1 080400457
M64	6	16000	1 080400464
M64F	4	16000	1 080400465

### 8040EN

lifting eye bolts, DIN 580:1972  
self-coloured

CE



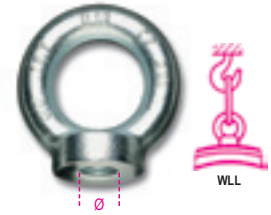
DIN 580:1972

Ø mm	WLL kg		
M6	1	75	60 080400306
M8	1,25	140	60 080400308
M10	1,5	230	50 080400310
M12	1,75	340	25 080400312
M14	2	480	25 080400314
M16	2	700	1 080400316
M18	2,5	930	1 080400318
M20	2,5	1200	1 080400320
M22	2,5	1450	1 080400322
M24	3	1800	1 080400324
M27	3	2400	1 080400327
M30	3,5	3200	1 080400330
M33	3,5	3900	1 080400333
M33F	2	3900	1 080400334
M36	4	4600	1 080400336
M36F	3	4600	1 080400337
M42	4,5	6300	1 080400342
M42F	3	6300	1 080400343
M48	5	8600	1 080400348
M48F	3	8600	1 080400349
M56	5,5	11500	1 080400356
M56F	4	11500	1 080400357
M64	6	16000	1 080400364
M64F	4	16000	1 080400365

### 8042EZ

lifting eye nuts, DIN 582:1971  
galvanized

CE



DIN 582:1971

Ø mm	WLL kg		
M6	1	75	60 080420406
M8	1,25	140	60 080420408
M10	1,5	230	50 080420410
M12	1,75	340	30 080420412
M14	2	480	30 080420414
M16	2	700	1 080420416
M18	2,5	930	1 080420418
M20	2,5	1200	1 080420420
M22	2,5	1450	1 080420422
M24	3	1800	1 080420424
M27	3	2400	1 080420427
M30	3,5	3200	1 080420430
M36	4	4600	1 080420436
M36F	3	4600	1 080420437
M42	4,5	6300	1 080420442
M42F	3	6300	1 080420443
M48	5	8600	1 080420448
M48F	3	8600	1 080420449

### 8042EN

lifting eye nuts, DIN 582:1971  
self-coloured

CE



DIN 582:1971

Ø mm	WLL kg		
M6	1	75	60 080420306
M8	1,25	140	60 080420308
M10	1,5	230	50 080420310
M12	1,75	340	30 080420312
M14	2	480	30 080420314
M16	2	700	1 080420316
M18	2,5	930	1 080420318
M20	2,5	1200	1 080420320
M22	2,5	1450	1 080420322
M24	3	1800	1 080420324
M27	3	2400	1 080420327
M30	3,5	3200	1 080420330
M36	4	4600	1 080420336
M36F	3	4600	1 080420337
M42	4,5	6300	1 080420342
M42F	3	6300	1 080420343
M48	5	8600	1 080420348
M48F	3	8600	1 080420349

**Robur**

### 8041EALZ

lifting eye bolts, DIN 580:2003  
galvanized

CE



DIN 580:2003

Ø mm	WLL mm	WLL kg	Hand	Part No.
M8	1,25	140	60	080410108
M10	1,5	230	50	080410110
M12	1,75	340	25	080410112
M14	2	480	25	080410114
M16	2	700	1	080410116
M18	2,5	930	1	080410118
M20	2,5	1200	1	080410120
M22	2,5	1450	1	080410122
M24	3	1800	1	080410124

### 8043EALZ

lifting eye nuts, DIN 582:2003  
galvanized

CE



DIN 582:2003

Ø mm	WLL mm	WLL kg	Hand	Part No.
M8	1,25	140	60	080430108
M10	1,5	230	50	080430110
M12	1,75	340	30	080430112
M14	2	480	30	080430114
M16	2	700	1	080430116
M18	2,5	930	1	080430118
M20	2,5	1200	1	080430120
M22	2,5	1450	1	080430122
M24	3	1800	1	080430124

### 8044

lifting eye nuts, UNI 2948  
self-coloured

CE



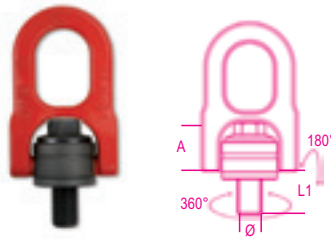
UNI 2948

Ø mm	WLL mm	WLL kg	Hand	Part No.
M8	1,25	80	1	080440008
M10	1,5	160	1	080440010
M12	1,75	250	1	080440012
M14	2	250	1	080440014
M16	2	400	1	080440016
M18	2,5	400	1	080440018
M20	2,5	630	1	080440020
M22	2,5	630	1	080440022
M24	3	1000	1	080440024
M27	3	1000	1	080440027
M30	3,5	1600	1	080440030
M36	3	2500	1	080440036
M42	3	3750	1	080440042

### 8049

adjustable lifting eyebolts,  
double swivel ring,  
high-tensile alloy steel

CE



Ø mm	A mm	L1 mm	WLL kg	Hand	Part No.
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

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°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	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
	45° 60°	0,3	0,6	1	1,6	2,3	4	6,3

### 8048

eye tie rods right thread  
self-coloured

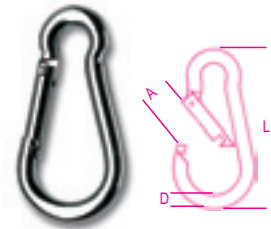


UNI 6058

ØxL mm	F mm	Hand	Part No.
M8x50	6	1	080480108
M8x65	6	1	080480109
M10x80	8	1	080480110
M10x100	8	1	080480210
M10x130	8	1	080480111
M12x95	10	1	080480112
M12x125	10	1	080480113
M14x110	12	1	080480114
M16x130	14	1	080480116
M18x150	16	1	080480118
M20x160	18	1	080480120
M22x180	18	1	080480122
M24x200	20	1	080480124
M27x220	22	1	080480127

### 8074

carabine hooks, galvanized

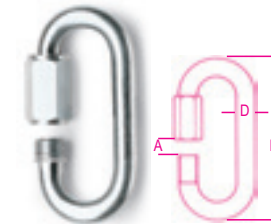


DIN 5299

DxL mm	A mm	WFL kg	Hand	Part No.
4x40	6	20	100	080740040
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

### 8080

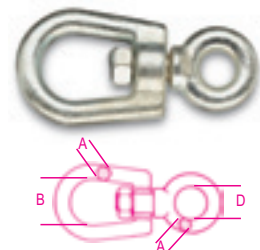
quick links, galvanized



DxL mm	A mm	WFL kg	Hand	Part No.
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

### 8114

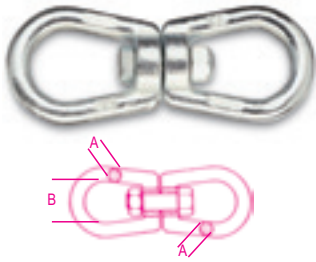
eye and eye swivels, galvanized,  
"Marche" type



A mm	WFL kg	B mm	D mm	Hand	Part No.
8	250	30	16	1	081140008
10	300	38	18	1	081140010
12	650	42	20	1	081140012
14	820	48	22	1	081140014
16	1000	57	24	1	081140016
18	1600	64	26	1	081140018
20	2000	72	30	1	081140020
22	2500	80	34	1	081140022

### 8116

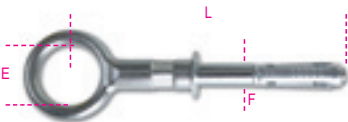
eye and eye swivels, galvanized, "Sicilia" type



A mm	WFL kg	B mm		
6	140	23	1	081160006
8	250	30	1	081160008
10	300	38	1	081160010
12	650	42	1	081160012
14	820	48	1	081160014
16	1000	57	1	081160016
18	1600	64	1	081160018
20	2000	72	1	081160020
22	2500	80	1	081160022

### 8300

scaffold eye bolts complete with bars and dowels galvanized



A x of mm	E mm	L mm	WFL kg	
M12x18	50	220	850	20 083000012

### 8345

spare dowels for scaffold eye bolts



8345T12	20	083450025
8300 M12 ø18		

### 8302Z

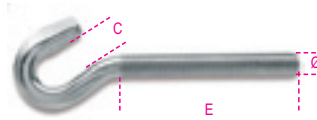
fastening eye bolts right thread, galvanized



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

### 8303Z

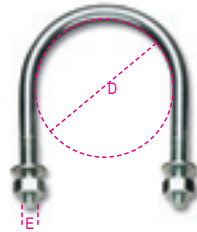
fastening hooks right thread, galvanized



Ø mm	C mm	E mm	WFL kg	
M5	6,0	48	25	150 083030005
M6	8,0	55	45	120 083030006
M8	10,0	60	95	100 083030008
M10	12,5	73	140	70 083030010
M12	16,0	90	220	30 083030012

### 8381SL

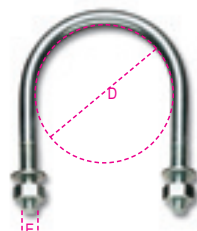
U bolts for pipes light series, galvanized



D mm	D gas	E mm	
11	1/8"	M6	100 083810201
14	1/4"	M6	100 083810202
18	3/8"	M6	100 083810203
22	1/2"	M6	100 083810204
27	3/4"	M6	100 083810205
34	1"	M6	100 083810206
43	1 1/4"	M6	100 083810207
49	1 1/2"	M8	50 083810208
61	2"	M8	50 083810209
77	2 1/2"	M8	25 083810210
89	3"	M8	25 083810211
102	3 1/2"	M8	25 083810212
115	4"	M8	25 083810213

### 8381SP

U bolts for pipes heavy series, galvanized

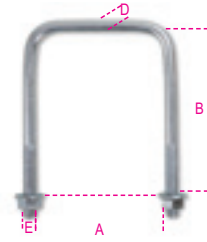


D mm	D gas	E mm	
22	1/2"	M8	100 083810301
27	3/4"	M8	100 083810302
34	1"	M8	100 083810303
43	1 1/4"	M8	100 083810304
49	1 1/2"	M10	50 083810305
61	2"	M10	50 083810306
77	2 1/2"	M10	50 083810307
89	3"	M10	25 083810308
102	3 1/2"	M12	25 083810309
115	4"	M12	25 083810310

### 8383C

square U bolts for agricultural use hot galvanized

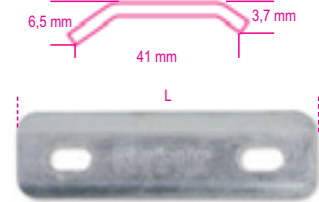
Flanged nuts



A mm	E mm	B mm	D mm	
70	M10	110	8,55	130 083830070
80	M10	120	8,55	110 083830080
90	M10	130	8,55	100 083830090
100	M10	155	8,55	90 083830100
120	M10	175	8,55	70 083830120

### 8383P

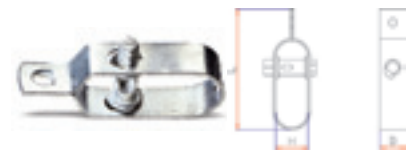
plates for square U bolts hot galvanized



L mm	
150	150 083830214
8383P/150	
8383C/70-80 /90-100	
170	120 083830217
8383P/170	
8383C/100-120	

### 8515Z

wire tenders for agriculture, galvanized



D mm	H mm	L mm	
20	25	93	100 085150002
24,5	30	100	70 085150003

### 8515V

wire tenders for agriculture, galvanized and painted

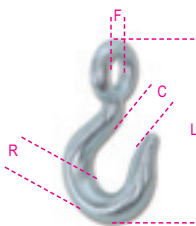


D mm	H mm	L mm	
20	25	93	100 085150102
24,5	30	100	70 085150103



### 8535

fishing hooks, galvanized



R mm	C mm	F mm	L mm		
26	27,5	34	156	1	085350006
30	36,5	40	185	1	085350007

### 8051S

eye hooks,  
carbon steel, normalized  
galvanized finishing

CE

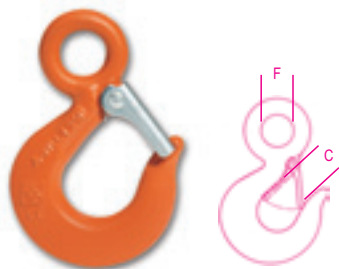


WLL kg	C mm	F mm		
250	14	12	1	080510202
500	18	16,5	1	080510205

### 8055S

eye hooks, alloy steel  
hardened and tempered

CE



EN 1677-2  
GRADO 8

WLL kg	C mm	F mm		
1250	20	19	1	080550110
1600	22	25	1	080550115
2500	23	28	1	080550120
3200	27	32	1	080550130
5400	32	40	1	080550145
8000	41	51	1	080550170
11500	53	64	1	080550215
16000	58	70	1	080550260
22000	78	90	1	080550320

### 8057

self-locking eye hooks, alloy steel  
hardened and tempered

CE



EN 1677-3  
GRADO 8

WLL kg	C mm	F mm	Ø mm		
2000	33	25	7-8	1	080570020
3150	44	32	10	1	080570032
5300	54	40	13	1	080570053

### 8058

self-locking Clevis hooks, alloy steel  
hardened and tempered

CE



EN 1677-3  
GRADO 8

WLL kg	C mm	F mm	Ø mm		
2000	33	10	7-8	1	080580020
3150	44	13	10	1	080580032
5300	54	16	13	1	080580053

### 8060

Clevis chain hooks, alloy steel  
hardened and tempered

CE



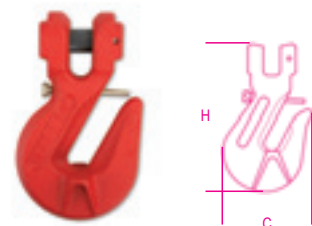
EN 1677-2  
GRADO 8

WLL kg	C mm	F mm	Ø mm		
1120	20	7,5	6	1	080600011
2000	25	9,5	7-8	1	080600020
3150	33	12,0	10	1	080600032
5300	43	15,5	13	1	080600053
8000	48	19	16	1	080600080

### 8061F

jaw grab hooks  
with safety lock,  
high-grade alloy steel

CE

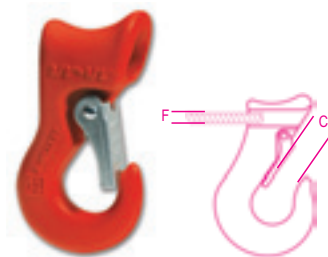


EN 1677-1  
GRADO 8

WLL kg	C mm	H mm	Ø mm		
1120	41	72	6	1	080610111
2000	54	96	7-8	1	080610120
3150	75	124	10	1	080610131
5300	93	154	13	1	080610153
8000	108	179	16	1	080610180

### 8062

alloy steel slip hooks

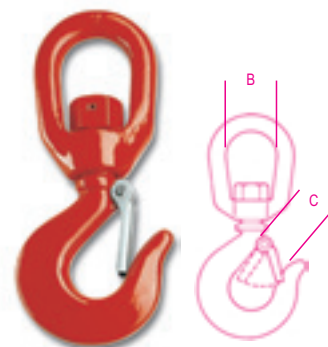


WLL kg	C mm	F mm		
1500	19	10-13	1	080620013
2000	21	16	1	080620016
3000	26	18	1	080620018
5000	34	22-25	1	080620025

### 8064S

carbon steel swivel hooks,  
hardened and tempered

CE



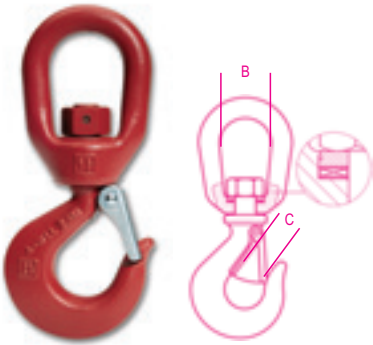
GRADO 4

WLL kg	B mm	C mm		
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

carbon steel swivel load hooks

CE



GRADO 4

WLL kg	B mm	C mm		
800	31	20	1	080650107
1000	40	22	1	080650110
1600	47	23	1	080650115
2000	47	27	1	080650120
3200	64	35	1	080650130
5000	77	43	1	080650150

## 8069

alloy steel weld-on "C" hooks



WLL kg	C mm	L mm		
1000	21	105	1	080690010
2000	25	130	1	080690020
3000	25	133	1	080690030
4000	38	177	1	080690040
5000	40	185	1	080690050
6000	40	198	1	080690060
8000	45	250	1	080690080

## 8050D

spare catch kit for hooks

WLL kg				
8050D1			1	080500945
8055/1250				
8064S-8065SC/800				
8050D2			1	080500946
8055S/1600				
8064S-8065SC/1000				
8050D3			1	080500947
8055/2500-3200				
8064S-8065SC/1600-2000				
8050D4			1	080500948
8055S/5400				
8064S-8065SC/3200				
8050D5			1	080500949
8055S/8000				
8064S-8065SC/5000				
8050D6			1	080500950
8055S/11500				
8064S/7500				
8050D7			1	080500951
8060/3150				
8050D8			1	080500952
8060/5300				
8050D7A			1	080500968
8060/2000				
8050D10			1	080500954
8062/1500				
8050D11			1	080500955
8062/2000				

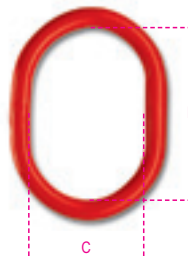
8050D12	1	080500956
8062/3000		
8050D13	1	080500957
8062/5000		
8050D18	1	080500962
8069/1000		
8050D19	1	080500963
8069/2000-3000		
8050D20	1	080500964
8069/4000-5000-6000		
8050D21	1	080500965
8069/8000-10000-18000		
8050D22	1	080500966
8055S/16000		
8064S/10000		
8050D23	1	080500967
8055S/22000		
8050D24	1	080500969
8051S/250		
8050D25	1	080500970
8051S/500		
8050D26	1	080500971
8061F/1120		
8050D27	1	080500972
8061F/2000		
8050D28	1	080500973
8061F/3150		
8050D29	1	080500974
8061F/5300		
8050D30	1	080500975
8061F/8000		
8050D31	1	080500976
8060/1120		
8050D32	1	080500977
8060/8000		

## 8085

alloy steel master links,  
hardened and tempered

WLL means the use with 1 chain sling.

CE



EN 1677-4  
GRADO 8

WLL kg	Ø mm	B mm	C mm		
* 1500	7	110	60	1	080850016
2000	8	110	60	1	080850020
3150	10	135	75	1	080850032
5300	13	160	90	1	080850054
8000	16	180	100	1	080850080
11200	19	200	110	1	080850190

\* If you match it with a chain 6mm in Ø, WLL= 1120 kg

## 8086

master link assemblies  
made from alloy steel,  
hardened and tempered

\* WLL means the use with 3 or 4 chain slings  
and β angle < 45°.

CE



EN 1677-4  
GRADO 8

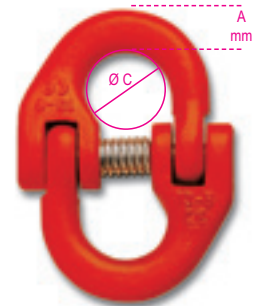
WLL kg	Ø mm	B mm	C mm		
* 3150	7	135	75	1	080860021
4250	8	160	90	1	080860042
6700	10	180	100	1	080860067
11200	13	200	110	1	080860100
17000	16	260	140	1	080860117

\*If you match it with a chain 6 mm in Ø, WLL=2360 Kg.

## 8090

connecting links made from alloy steel,  
hardened and tempered

CE



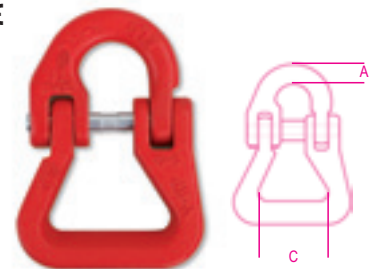
EN 1677-1  
GRADO 8

WLL kg	Ø mm	Ø C max	A mm		
1120	6	13	7	1	080900011
2000	7-8	18	9,5	1	080900020
3150	10	22	12	1	080900032
5300	13	26	17	1	080900053
8000	16	32	22	1	080900080

## 8090F

connecting links for polyester slings,  
high-grade alloy steel

CE



EN 1677-1  
GRADO 8

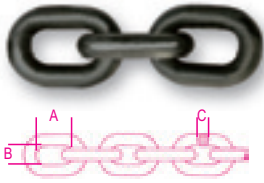
WLL kg	A mm	C mm	Ø mm		
2000	10,5	40	7-8	1	080900220
3150	12	50	10	1	080900232
5300	17	60	13	1	080900253
8000	21	75	16	1	080900280

**Robur**

## 8100

chains - grade 8, alloy steel, hardened and tempered steel, self-coloured

CE



EN 818-2  
GRADO 8

WLL kg	A mm	B mm	C mm		
1120	18	7,8	6	1	081000011
1500	21	9,1	7	1	081000016
2000	24	10,4	8	1	081000020
3150	30	13	10	1	081000032
5300	39	16,9	13	1	081000053
8000	48	20,8	16	1	081000080

**Robur**

### CHAIN SLINGS Grade 8 Manufacturer's Certificate (UNI EN 818-4)

#### WLL Ton UNI EN 818

Ø D mm	Diagram	0° < β ≤ 45°		45° < β ≤ 60°	
		Factor 1,4	Factor 1	Factor 1,4	Factor 1
6	90°	1,12	1,6	1,12	1,6
7		1,5	2,12	1,5	2,12
8	β	2	2,8	2	2,8
10		3,15	4,25	3,15	4,25
13	β	5,3	7,5	5,3	7,5
16		8	11,2	8	11,2

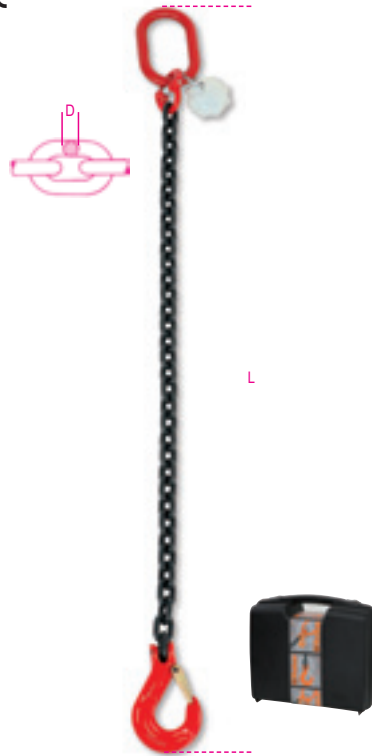
  

Ø D mm	Diagram	0° < β ≤ 45°		45° < β ≤ 60°	
		Factor 2,1	Factor 1,5	Factor 2,1	Factor 1,5
6	β	1,12	2,36	1,7	3,54
7		1,5	3,15	2,24	4,48
8	β	2	4,25	3	6,00
10		3,15	6,7	4,75	9,50
13	β	5,3	11,2	8	16,00
16		8	17	11,2	22,40

## 8091

sling chains, 1 leg  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton		
6	1	1,12	1	080910061
6	2	1,12	1	080910062
6	3	1,12	1	080910063
6	4	1,12	1	080910064
7	1	1,5	1	080910071
7	2	1,5	1	080910072
7	3	1,5	1	080910073
7	4	1,5	1	080910074
8	1	2	1	080910081
8	2	2	1	080910082
8	3	2	1	080910083
8	4	2	1	080910084
10	1	3,15	1	080910101
10	2	3,15	1	080910102
10	3	3,15	1	080910103
10	4	3,15	1	080910104
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

\* Wooden packing suited to weight

**Robur**

**Robur**

## 8092

sling chains, 2 legs  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton		
6	1	1,6	1	080920061
6	2	1,6	1	080920062
6	3	1,6	1	080920063
6	4	1,6	1	080920064
7	1	2,12	1	080920071
7	2	2,12	1	080920072
7	3	2,12	1	080920073
7	4	2,12	1	080920074
8	1	2,8	1	080920081
8	2	2,8	1	080920082
8	3	2,8	1	080920083
8	4	2,8	1	080920084
10	1	4,25	1	080920101
10	2	4,25	1	080920102
10	3	4,25	1	080920103
10	4	4,25	1	080920104
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

\* Wooden packing suited to weight



## 8094

sling chains, 4 legs  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton		
6	1	2,36	1	080940061
6	2	2,36	1	080940062
6	3	2,36	1	080940063
6	4	2,36	1	080940064
7	1	3,15	1	080940071
7	2	3,15	1	080940072
7	3	3,15	1	080940073
7	4	3,15	1	080940074
8	1	4,25	1	080940081
8	2	4,25	1	080940082
8*	3	4,25	1	080940083
8*	4	4,25	1	080940084
10	1	6,7	1	080940101
10*	2	6,7	1	080940102
10*	3	6,7	1	080940103
10*	4	6,7	1	080940104
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

\* Wooden packing suited to weight

# Robur

## 8096

sling chains, 1 leg,  
with grab hook,  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton		
6	1	1,12	1	080960061
6	2	1,12	1	080960062
6	3	1,12	1	080960063
6	4	1,12	1	080960064
7	1	1,5	1	080960071
7	2	1,5	1	080960072
7	3	1,5	1	080960073
7	4	1,5	1	080960074
8	1	2	1	080960081
8	2	2	1	080960082
8	3	2	1	080960083
8	4	2	1	080960084
10	1	3,15	1	080960101
10	2	3,15	1	080960102
10	3	3,15	1	080960103
10	4	3,15	1	080960104
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

\* Wooden packing suited to weight

## 8097

sling chains, 2 legs,  
with grab hooks,  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton		
6	1	1,6	1	080970061
6	2	1,6	1	080970062
6	3	1,6	1	080970063
6	4	1,6	1	080970064
7	1	2,12	1	080970071
7	2	2,12	1	080970072
7	3	2,12	1	080970073
7	4	2,12	1	080970074
8	1	2,8	1	080970081
8	2	2,8	1	080970082
8	3	2,8	1	080970083
8	4	2,8	1	080970084
10	1	4,25	1	080970101
10	2	4,25	1	080970102
10	3	4,25	1	080970103
10	4	4,25	1	080970104
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

\* Wooden packing suited to weight

# Robur

# Robur

### 8098

sliding chains, 4 legs,  
with grab hooks,  
in plastic case

CE



UNI EN 818-4

D mm	L m	WLL ton	
6	1	2,36	1 080980061
6	2	2,36	1 080980062
6	3	2,36	1 080980063
6	4	2,36	1 080980064
7	1	3,15	1 080980071
7	2	3,15	1 080980072
7	3	3,15	1 080980073
7	4	3,15	1 080980074
8	1	4,25	1 080980081
8	2	4,25	1 080980082
8*	3	4,25	1 080980083
8*	4	4,25	1 080980084
10	1	6,7	1 080980101
10*	2	6,7	1 080980102
10*	3	6,7	1 080980103
10*	4	6,7	1 080980104
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

\* Wooden packing suited to weight

### POLYESTER SLINGS

Safety Factor 7:1  
Manufacturer's Certificate  
(UNI EN 1492)

			$\beta=0^\circ+45^\circ$	$\beta=45^\circ+60^\circ$	
30	1t	0,8t	2t	1,4t	1t
60	2t	1,6t	4t	2,8t	2t
90	3t	2,4t	6t	4,2t	3t
120	4t	3,2t	8t	5,6t	4t
150	5t	4,0t	10t	7,0t	5t
180	6t	4,8t	12t	8,4t	6t
240	8t	6,4t	16t	11,2t	8t
300	10t	8,0t	20t	14,0t	10t

### 8150

web slings, purple 1t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton	
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
4	30	1	1 081500040
5	30	1	1 081500050
6	30	1	1 081500060

### 8153

web slings, green 2t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

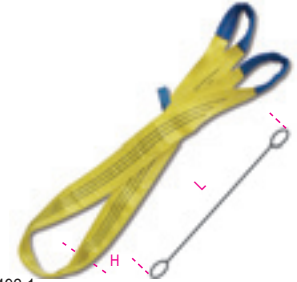
L m	H mm	WLL ton	
1	60	2	1 081530010
1,5	60	2	1 081530015
2	60	2	1 081530020

L m	H mm	WLL ton	
2,5	60	2	1 081530025
3	60	2	1 081530030
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

web slings, yellow 3t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton	
1,5	90	3	1 081560015
2	90	3	1 081560020
2,5	90	3	1 081560025
3	90	3	1 081560030
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

### 8157

web slings, grey 4t  
high-tenacity polyester (PES) belt

CE



UNI 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

**Robur**

**Robur**

**8158**

web slings, red 5t  
high-tenacity polyester (PES) belt

CE



UNI 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

**8159**

webslings, 6t  
high-tenacity polyester (PES)  
brown

CE



UNI EN 1492-1

L m	H mm	WLL ton		
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**

webslings, 8t  
high-tenacity polyester (PES)  
blue

CE



UNI EN 1492-1

L m	H mm	WLL ton		
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

**8161**

webslings, 10t  
high-tenacity polyester (PES)  
orange

CE



UNI EN 1492-1

L m	H mm	WLL ton		
5	300	10	1	081610050
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100

**8170**

round slings, purple 1t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	WLL ton		
0,5	1	1	081700010
1	1	1	081700020
1,5	1	1	081700030
2	1	1	081700040
3	1	1	081700060
4	1	1	081700080

**8173**

round slings, green 2t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	WLL ton		
0,5	2	1	081730010
1	2	1	081730020
1,5	2	1	081730030
2	2	1	081730040
2,5	2	1	081730050
3	2	1	081730060
4	2	1	081730080

**8176**

round slings, yellow 3t  
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

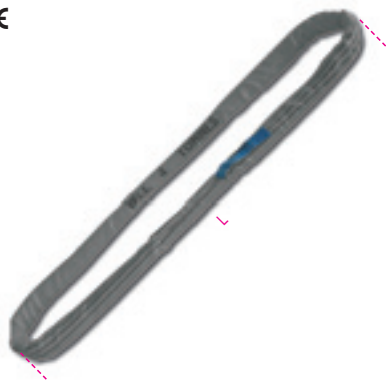
L m	WLL ton		
1	3	1	081760020
1,5	3	1	081760030
2	3	1	081760040
2,5	3	1	081760050
3	3	1	081760060
4	3	1	081760080
5	3	1	081760100



### 8177

round slings, grey 4t  
high-tenacity polyester (PES) belt

CE



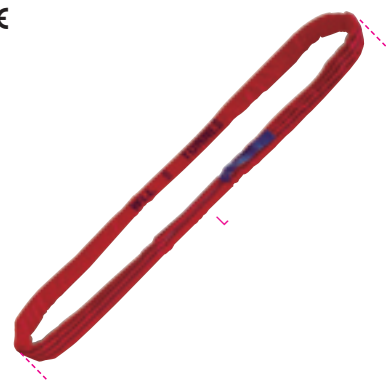
UNI EN 1492-2

L m	WLL ton		
1	4	1	081770020
1,5	4	1	081770030
2	4	1	081770040
2,5	4	1	081770050
3	4	1	081770060
4	4	1	081770080
5	4	1	081770100
6	4	1	081770120
8	4	1	081770160

### 8178

round slings, red 5t  
high-tenacity polyester (PES) belt

CE



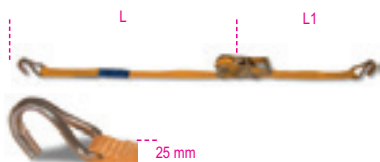
UNI EN 1492-2

L m	WLL ton		
1	5	1	081780020
1,5	5	1	081780030
2	5	1	081780040
2,5	5	1	081780050
3	5	1	081780060
4	5	1	081780080
5	5	1	081780100
6	5	1	081780120
8	5	1	081780160

### RATCHET TIE DOWNS coefficient 2:1 in accordance with UNI EN 12195

#### 8180

ratchet tie down with single hook, LC 750kg  
high-tenacity polyester (PES) belt



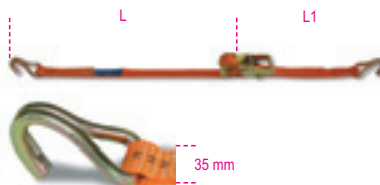
EN 12195-2

L mm	L1 mm		
3700	300	1	081800004
5700	300	1	081800006
7700	300	1	081800008

LC = 750 kg

#### 8181

ratchet tie down with single hook, LC 1000kg  
high-tenacity polyester (PES) belt



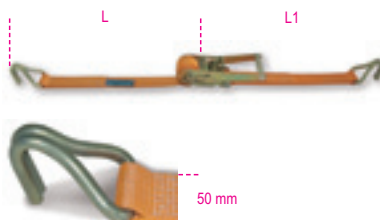
EN 12195-2

L mm	L1 mm		
3700	300	1	081810004
5700	300	1	081810006
7700	300	1	081810008

LC = 1000 kg

#### 8182

ratchet tie down with single hook, LC 2000kg  
high-tenacity polyester (PES) belt



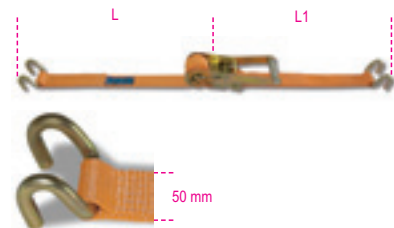
EN 12195-2

L mm	L1 mm		
6000	500	1	081820065
8000	500	1	081820085
10000	500	1	081820105

LC = 2000 kg

### 8182S

ratchet tie down with double hook, LC 2000kg  
high-tenacity polyester (PES) belt



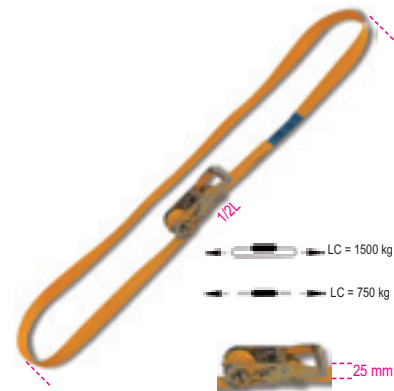
EN 12195-2

L mm	L1 mm		
8000	500	1	081820285
10000	500	1	081820305

LC = 2000 kg

### 8185

ring ratchet tie down, LC 1500kg  
high-tenacity polyester (PES) belt

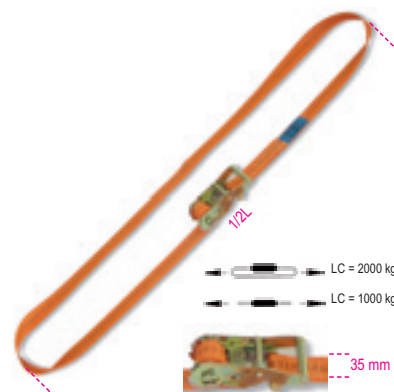


EN 12195-2

L mm			
5000		1	081850005
8000		1	081850008

### 8186

ring ratchet tie down, LC 2000kg  
high-tenacity polyester (PES) belt



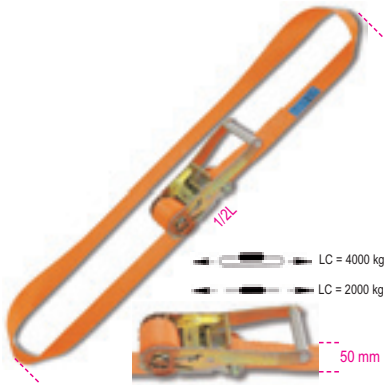
EN 12195-2

L mm			
5000		1	081860005
8000		1	081860008

**Robur**

### 8187

ring ratchet tie down, LC 4000kg  
high-tenacity polyester (PES) belt



EN 12195-2

L mm		
5000	1	081870005
8000	1	081870008

### 8188C

ring ratchet tie downs, LC 750 kg,  
high-tenacity polyester (PES) belt



EN 12195-2

L mm		
5000	3	081880350

### 8188CG/25

ratchet tie downs with S-hooks and Eyes,  
LC 375 kg  
high-tenacity polyester (PES) strap



EN 12195-2

L mm	L1 mm	L2 mm		
3000	480	170	1	081880430
5000	480	170	1	081880450

### 8188FG2

cam buckle strap with S-hooks and Eyes,  
LC 250 kg  
high-grade polypropylene (PP) belt

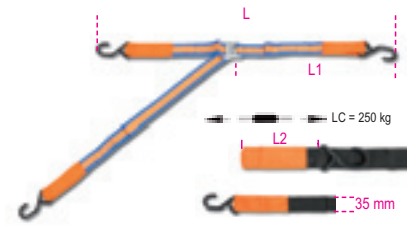


EN 12195-2

L mm	L1 mm	L2 mm		
3000	450	170	1	081880530

### 8188FG3

cam buckle straps with 3 S-hooks and Eyes,  
LC 250 kg  
high-grade polypropylene (PP) belt

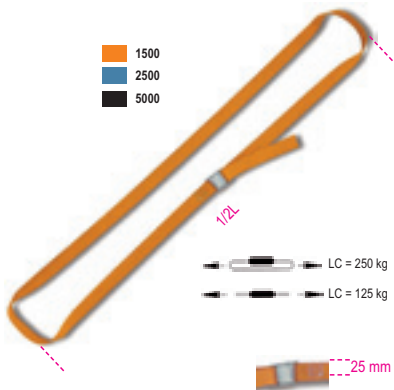


EN 12195-2

L max mm	L min mm	L1 mm	L2 mm		
3500	850	450	170	1	081880630

### 8188F

cam buckle straps, LC 250 kg,  
high-grade polypropylene (PP) belt

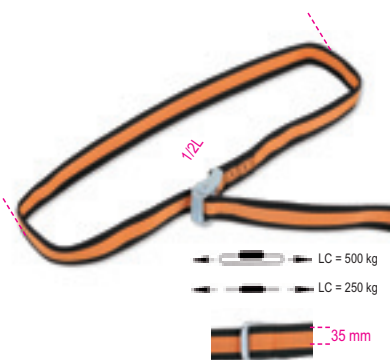


EN 12195-2

L mm		
1500	10	081880215
2500	10	081880225
5000	6	081880250

### 8188F/35

cam buckle straps, LC 500 kg,  
high-tenacity polypropylene (PP) belt



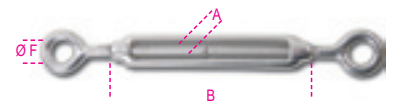
EN 12195-2

L mm		
4000	3	081880290



### 8205

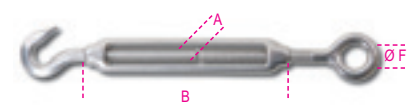
eye and eye turnbuckle  
AISI 316



A mm	B mm	ø F mm	WFL kg		
M4	62	8	75	10	082050204
M5	72	11	115	10	082050205
M6	92	12	160	5	082050206
M8	122	14	300	5	082050208
M10	150	16	470	1	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	3060	1	082050224

### 8206

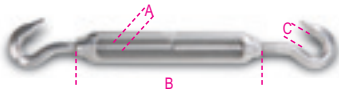
hook and eye turnbuckle  
AISI 316



A mm	B mm	ø F 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

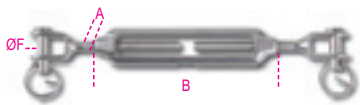
hook and hook turnbuckle  
AISI 316



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

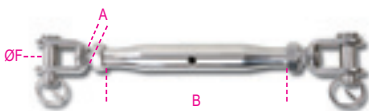
jaw and jaw turnbuckle  
AISI 316



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

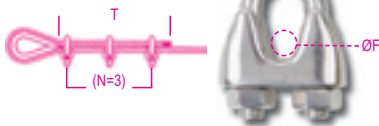
jaw and jaw pipe turnbuckle  
AISI 316



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

## 8216

wire rope clips  
AISI 316

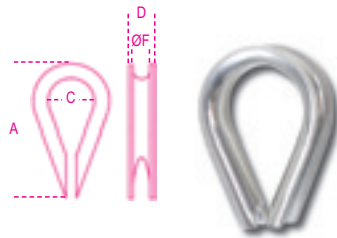


ø F mm	"	T	N		
2	5/64	80	3	15	082160202
3	1/8	80	3	15	082160203
4	5/32	80	3	10	082160204
5	3/16	110	3	10	082160205
6	1/4	120	5	10	082160206
8	5/16	210	5	5	082160208

ø F mm	"	T	N		
10	3/8	240	5	5	082160210
12-13	1/2	300	5	5	082160213
16	5/8	335	5	5	082160216
20	3/4	540	5	5	082160220

## 8220

thimbles  
AISI 316



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

## 8225

dee shackles  
AISI 316



ø D mm	"	A mm	WFL kg		
4	5/32	8	50	10	082250204
5	3/16	11	70	10	082250205
6	1/4	13	100	5	082250206
8	5/16	17	250	5	082250208
10	3/8	21	400	3	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

## 8227

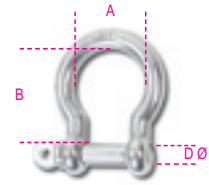
long dee shackles  
AISI 316



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	1	082270210
12	1/2	25	600	1	082270212

## 8228

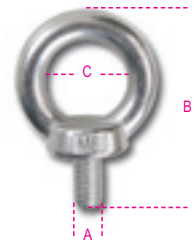
bow shackles  
AISI 316



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

## 8240

eye bolts  
AISI 316



A mm	B mm	ø C mm	WFL kg		
M6	41	15	75	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

## 8240F

eye bolts, FORGED  
stainless steel A4

CE



DIN 580:2003

ø mm	WLL mm	WLL kg		
M10	1,5	230	1	082400410
M12	1,75	340	1	082400412
M14	2	480	1	082400414
M16	2	700	1	082400416
M20	2,5	1200	1	082400420
M24	3	1800	1	082400424



### 8242

eye nuts  
AISI 316



A mm	B mm	øC mm	WFL kg		
M6	27	15	75	10	082420206
M8	36	20	140	10	082420208
M10	45	25	230	5	082420210
M12	55	30	340	5	082420212

### 8242F

eye nuts, FORGED  
stainless steel A4

CE



DIN 582:2003

ø mm	WLL mm	WLL kg		
M10	1,5	230	1	082420410
M12	1,75	340	1	082420412
M14	2	480	1	082420414
M16	2	700	1	082420416
M20	2,5	1200	1	082420420
M24	3	1800	1	082420424

### 8249

fastening eyebolts, right thread  
AISI 316



A mm	øB mm	D mm	WFL kg		
M5	11	50	100	10	082490205
M6	13	55	160	10	082490206
M8	17	60	300	5	082490208
M10	21	80	470	5	082490210
M12	25	120	690	1	082490212

### 8250

spring snap-casting eye end  
AISI 316



L mm	A mm	øB mm	WFL kg		
50	25	8	45	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	1	082500210

### 8264

swivel eye bolt snap  
AISI 316



B mm	L mm	C mm	WFL kg		
12	88	12	60	5	082640212
16	90	12	60	5	082640216
19	93	12	60	1	082640219
25	100	12	60	1	082640225

### 8267

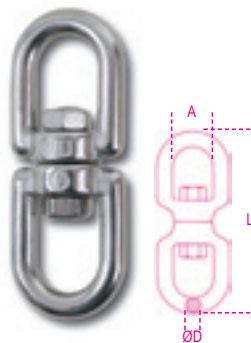
swivel eye snap  
AISI 316



A mm	L mm	B mm	WFL kg		
10	87	21	30	5	082670210
12	118	22	70	1	082670213

### 8272

eye and eye swivels  
AISI 316



øD 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

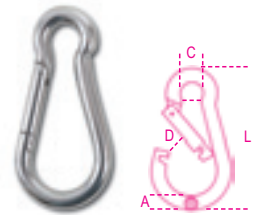
quick-release hooks  
with swivel eyes  
AISI 316 stainless steel



ø C x L mm	B mm	WFL kg		
12x70	12	230	1	082730012
16x85	14,50	440	1	082730016
22x120	20	700	1	082730022

### 8274

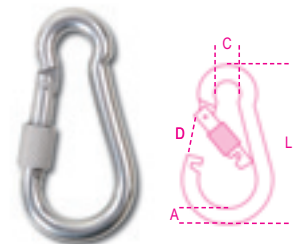
carabine hooks  
AISI 316



ø A x L mm	ø C mm	D mm	WFL kg		
4,5x40	6,5	6	20	10	082740204
5x50	8	7	30	10	082740205
6x60	8,5	7,5	40	5	082740206
7x70	10	9	60	5	082740207
8x80	12	10	75	5	082740208
9x90	12,5	10,5	100	5	082740209
10x100	15	13	120	1	082740210
11x120	19	18	140	1	082740211
12x140	22	21	140	1	082740212
13x160	22	26	200	1	082740213

### 8274G

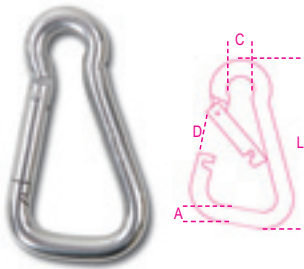
carabine hooks with screw nut  
AISI 316



ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	6,5	40	5	082740306
8x80	12	8,5	75	5	082740308
10x100	15	12	120	3	082740310

## 8276

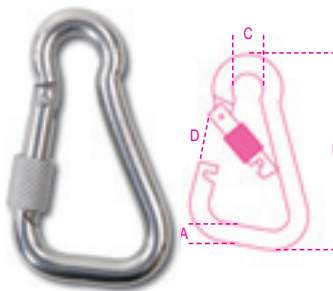
asymmetric carabine hooks  
AISI 316



ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	10	40	5	082760206
8x80	12	14	75	5	082760208
10x100	15	18	120	3	082760210

## 8276G

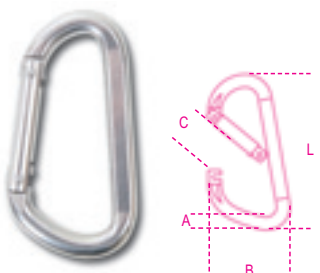
asymmetric carabine hooks with screw nut  
AISI 316



ø A x L mm	ø C mm	D mm	WFL kg		
6x60	8,5	9	40	3	082760306
8x80	12	12,5	75	3	082760308
10x100	15	16	120	3	082760310

## 8278

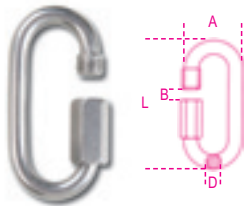
trapezoidal carabine hooks  
AISI 316



ø A x L mm	B mm	C mm	WFL kg		
8x80	45	14	75	3	082780208
10x100	55	16	120	3	082780210

## 8280

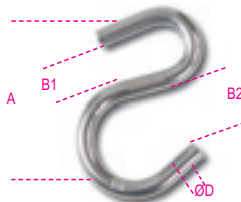
quick links  
AISI 316



ø D x L mm	A mm	B mm	WFL 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	1	082800208
10x90	40	12	220	1	082800210
12x100	47	14	300	1	082800212

## 8282

S-hooks  
AISI 316



ø D mm	A mm	B1 mm	B2 mm		
3	31	7,5	14	10	082820203
4	37	10,5	14,5	10	082820204
5	44	12,5	16	10	082820205
6	51	12,5	18	5	082820206
8	68	14	23	5	082820208

## 8284

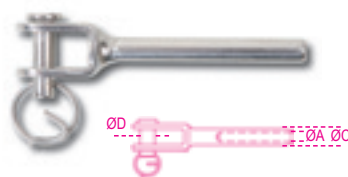
pelican hooks  
AISI 316 stainless steel



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



ø A mm	ø C mm	ø D mm	WFL kg		
3	6,3	6	180	5	082850203
4	7,5	6	200	3	082850204
5	9	10	330	1	082850205
6	12,5	12	720	1	082850206
8	16	13	1120	1	082850208

## 8286

eye terminals  
AISI 316



ø D mm	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	10,6	9	330	1	082860205
6	13	12,5	720	1	082860206
8	14,7	16	1120	1	082860208

## 8287

swage studs  
AISI 316



ø D mm	ø A mm	E mm	WFL kg		
3	6,3	M6	180	5	082870203
4	7,5	M8	200	3	082870204
5	9	M10	330	1	082870205
6	12,5	M12	720	1	082870206
8	16	M16	1120	1	082870208

## 8290

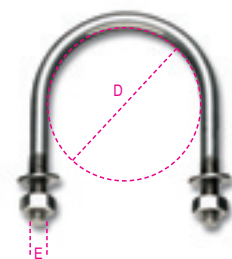
pad eyes  
AISI 316



ø A mm	B mm	ø C mm	L 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

D mm	D gas	E mm		
11	1/8"	M6	200	083810401
14	1/4"	M6	200	083810402
18	3/8"	M6	200	083810403
22	1/2"	M6	200	083810404
27	3/4"	M6	200	083810405
34	1"	M6	200	083810406
43	1"1/4	M6	200	083810407
49	1"1/2	M8	100	083810408
61	2"	M8	100	083810409

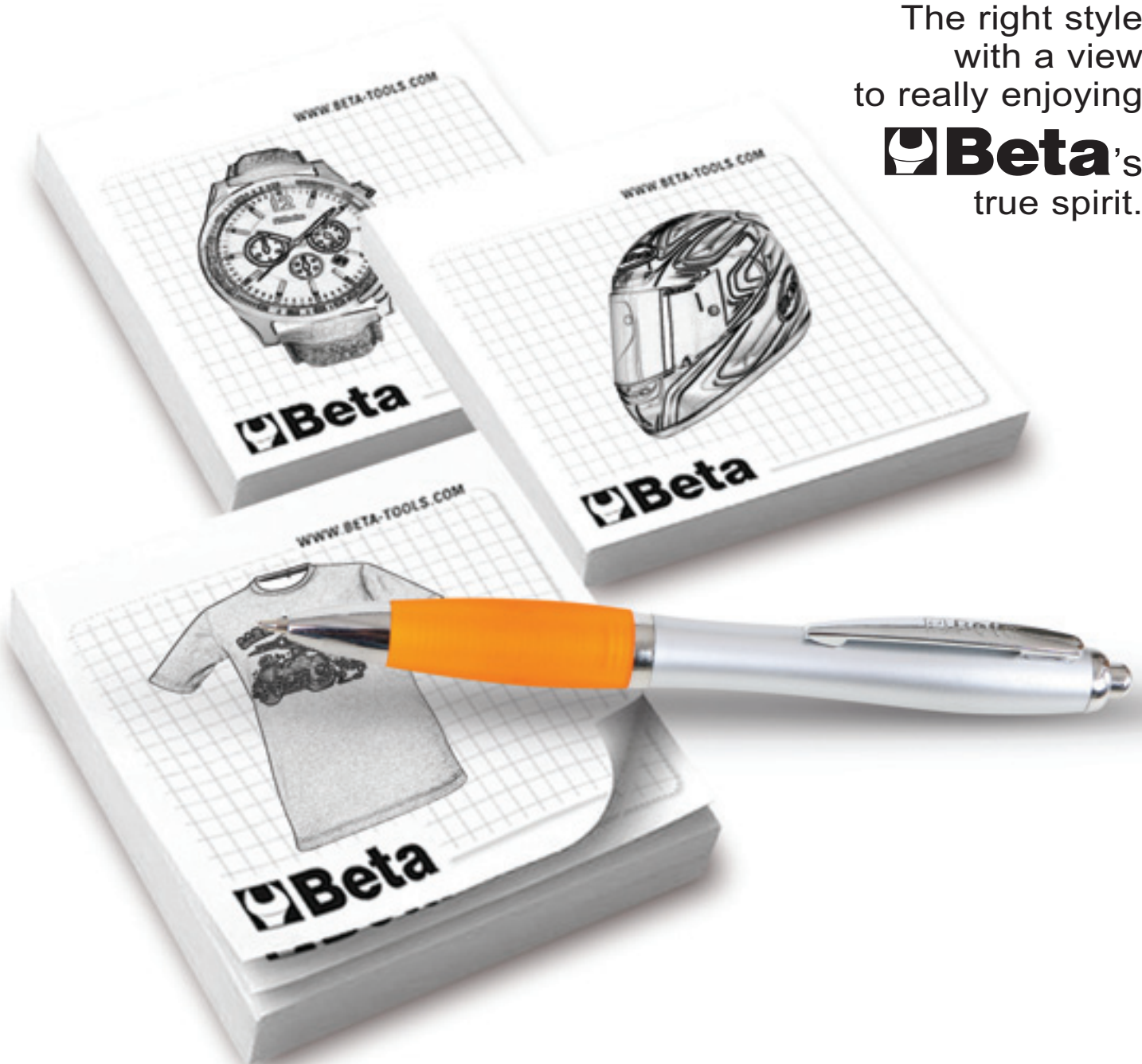
# **Beta** *Collection*

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.

The right style with a view to really enjoying

 **Beta's**  
true spirit.





**9502**

hooded padded jacket, anthracite grey ripstop nylon, orange interior thermal wadding, contrasting thermo-taped zips, contrasting sleeve piping trim, heart-side BETA logo



S	1	095020001
M	1	095020002
L	1	095020003
XL	1	095020004
XXL	1	095020005

**9505**

Sleeveless windproof/rainproof softshell jacket, black exterior / orange interior, orange and grey fabric insert on one shoulder, thermo-taped zips, reflective heart-side logo and back print



S	1	095050001
M	1	095050002
L	1	095050003
XL	1	095050004
XXL	1	095050005

**9506**

polo shirt, 100% jersey cotton, 160 g/m<sup>2</sup>, orange tricot fabric collar, orange tricot fabric collar, contrasting orange button and seams, reflective heart-side logo and back print



S	1	095060001
M	1	095060002
L	1	095060003
XL	1	095060004
XXL	1	095060005

**9504**

windproof/rainproof softshell jacket, black exterior / orange interior, orange and grey fabric insert on one shoulder, thermo-taped zips, reflective heart-side logo and back print



S	1	095040001
M	1	095040002
L	1	095040003
XL	1	095040004
XXL	1	095040005

**9500**

hooded sweatshirt, 100% sateen cotton, orange and white piping trim, 330 g/m<sup>2</sup>, reflective heart-side logo and back print



S	1	095000001
M	1	095000002
L	1	095000003
XL	1	095000004
XXL	1	095000005

**9510**

short-sleeved shirt, 100% poplin cotton, 110 g/m<sup>2</sup>, orange fabric inserts and white piping trim, contrasting orange button, reflective heart-side logo and back print



XS	1	095100000
S	1	095100001
M	1	095100002
L	1	095100003
XL	1	095100004
XXL	1	095100005

**9501**

half-zipped sweatshirt, 100% sateen cotton, orange piping trim, 330 g/m<sup>2</sup>, front and back printed BETA logos



S	1	095010001
M	1	095010002
L	1	095010003
XL	1	095010004
XXL	1	095010005



**Beta**

**9572GG**

t-shirt, 100% combed cotton, anthracite grey, 160 g/m<sup>2</sup>, orange sweat protector, graphic print on front



XS	1	095720000
S	1	095720001
M	1	095720002
L	1	095720003
XL	1	095720004
XXL	1	095720005

**9572H**

t-shirt, 100% combed cotton, white, 160 g/m<sup>2</sup>, orange sweat protector



XS	1	095720500
S	1	095720501
M	1	095720502
L	1	095720503
XL	1	095720504
XXL	1	095720505

**9508K**

long zip jacket, ripstop nylon, waterproof, folds into pocket



S	1	095080011
M	1	095080012
L	1	095080013
XL	1	095080014

**9572GB**

t-shirt, 100% sateen cotton, denim blue, 160 g/m<sup>2</sup>, orange sweat protector, graphic print on front



XS	1	095720100
S	1	095720101
M	1	095720102
L	1	095720103
XL	1	095720104
XXL	1	095720105

**9572Q**

t-shirt, 100% combed cotton, white, 160 g/m<sup>2</sup>, orange sweat protector, graphic print on front



XS	1	095720600
S	1	095720601
M	1	095720602
L	1	095720603
XL	1	095720604
XXL	1	095720605

**9536**

softshell jacket, grey, 2-ply laminated, stretch, fleece-lined, 290 g/m<sup>2</sup>



S	1	095361011
M	1	095361012
L	1	095361013
XL	1	095361014
XXL	1	095361015

**9572GC**

t-shirt, 100% sateen cotton, coral red, 160 g/m<sup>2</sup>, orange sweat protector, graphic print on front



XS	1	095720200
S	1	095720201
M	1	095720202
L	1	095720203
XL	1	095720204
XXL	1	095720205

**9503G**

jacket, nylon taslon T288, heat sealed stitching, polyester mesh lining and nylon sleeve lining



S	1	095030011
M	1	095030012
L	1	095030013
XL	1	095030014
XXL	1	095030015

**9535**

t-shirt with double long sleeves, 100% cotton, 180 g/m<sup>2</sup>, with print and appliqué on front, patch embroidered on sleeve



S	1	095350011
M	1	095350012
L	1	095350013
XL	1	095350014

**9534W**

three-button polo shirt,  
carded pique cotton 220 g/m<sup>2</sup>, white



SIZE	QTY	SKU
S	1	095340011
M	1	095340012
L	1	095340013
XL	1	095340014
XXL	1	095340015

**9534B**

three-button polo shirt,  
carded pique cotton 200 g/m<sup>2</sup>, blue



SIZE	QTY	SKU
S	1	095340051
M	1	095340052
L	1	095340053
XL	1	095340054
XXL	1	095340055

**9537**

fleece pullover, 100% polyester,  
black antipilling finish



SIZE	QTY	SKU
M	1	095370002
L	1	095370003
XL	1	095370004
XXL	1	095370005

**9593 Breil®**

Breil® quartz chronograph, steel case, 10 ATM  
water resistant, calendar, bilux steel bracelet



SKU	QTY
9593 Breil®	1 095930015

**9593CA**

chronograph, steel case, 5 ATM water  
resistant, leather strap



SKU	QTY
9593	1 095930025

**9593 Miami**

analogue watch, plastic case, 5 ATM water  
resistant, silicone strap



SKU	QTY
9593 Miami	1 095930030

**9551**

full face helmet by SUOMY®



SIZE	QTY	SKU
S	1	095510055
M	1	095510057
L	1	095510059
XL	1	095510061
XXL	1	095510063

**9552J**

jet helmet by SUOMY®



SIZE	QTY	SKU
S	1	095520055
M	1	095520057
L	1	095520059
XL	1	095520061

**9553J/L**

jet light helmet by SUOMY®



SIZE	QTY	SKU
S	1	095530055
M	1	095530057
L	1	095530059
XL	1	095530061



**9544**

hard, cabin-sized trolley



9544

1 095440100

**9557N**

"Racing" bag, made from waterproof PVC coated fabric


 cm  
 80x35x35

1 095570001

**9545**

PC trolley



9545

1 095450100

**9557J**

sports bag, 600 D polyester / PVC


 cm  
 58x27x30

1 095570011

**9541**

sports computer rucksack, 600D polyester / PVC. 1680D and 420D/PU insets


 cm  
 43x39x16

1 095410000

**95740**

work gloves



SIZE	QTY
M	1 095740202
L	1 095740203
XL	1 095740204
XXL	1 095740205

**9574B**

work gloves



SIZE	QTY
M	1 095740102
L	1 095740103
XL	1 095740104
XXL	1 095740105

**9525/ITA**

cap with adjustable buckle strap, 100% cotton, 3D PVC transfer logo on front, directly embroidered. One size fits all.



9525/ITA

5 095250050

**9525**

cap, 100% cotton, one-size-fits-all adjustable buckle strap, directly embroidered visor and sides



9525 5 095251011

**9525/N**

cap, 100% cotton, one-size-fits-all adjustable buckle strap, directly embroidered front, sides and back, black



9525/N 5 095251021

**9525/B**

cap, 100% cotton, one size-fits-all adjustable buckle strap, directly embroidered front, sides and back, white



9525/B 5 095251031

**9521**

umbrella, nylon T210, 3-section aluminium frame, automatic open/close mechanism



9521 1 095210000

**9521O/OB**

"racing" umbrella, 190T nylon, 150 cm in diameter



9521O/OB 1 095210011

**9530**

jacket and trousers set, 100% patch polyester, jacket lined with polyester mesh, 70 g/m2



S	1	095300011
M	1	095300012
L	1	095300013
XL	1	095300014

**9599CB**

Atala® city bike, 49 cm aluminium frame, Shimano® 6 speed gear, V-brake®, 28" aluminium rims



9599CB 1 095990011

**9598WAP**

Atala® mountain bike, 48 cm aluminium frame, front shock absorber, Shimano® 21 speed gear, mechanical disc brakes, 26" aluminium rims



9598WAP 1 095980000

**9539C**

protective cycling helmet, outer cap made from polycarbonate, inner cap made from black, high-density EPS; adjustable size 59-62



CE EN 1078

9539C 1 095391000

**Beta**

**9539**

biking jersey and bib shorts, short-sleeved jersey, breathable microfibre fabric, long, invisible zip, three rear pockets, silicone elastic at jersey end, Lycra bib shorts, silicone elastic at leg end, highly breathable, antibacterial seat padding



S	1	095390112
M	1	095390113
L	1	095390114
XL	1	095390115
XXL	1	095390116

**9539G**

winter jacket, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jacket end



S	1	095390122
M	1	095390123
L	1	095390124
XL	1	095390125
XXL	1	095390126

**9539P**

overalls with front mini-zip, made of super Roubaix fabric, Coolmax® bottom



S	1	095390032
M	1	095390033
L	1	095390034
XL	1	095390035
XXL	1	095390036

**9539R**

sleeveless wind stopper jacket, bound fabric, long zip, three rear pockets, silicone elastic at jacket end



S	1	095390142
M	1	095390143
L	1	095390144
XL	1	095390145
XXL	1	095390146

**9519M**

short-sleeved running jersey, breathable microfibre fabric



S	1	095190201
M	1	095190202
L	1	095190203
XL	1	095190204
XXL	1	095190205

**9519C**

running singlet, breathable microfibre fabric



S	1	095190211
M	1	095190212
L	1	095190213
XL	1	095190214
XXL	1	095190215

**9519P**

running shorts, Lycra



S	1	095190221
M	1	095190222
L	1	095190223
XL	1	095190224
XXL	1	095190225



**9528**

football, TPU and EVA, 400 g



9528



1 095280000

**95290/B**

set of football bibs, 100% polyester mesh, orange/black, two-coloured, reversible



95290/B



1 095290007

**9527**

sports towel, 400 g, 75x130 cm



9527



1 095271000

**9526**

set of 500 chips, 13.5 g, in aluminium case



9526



1 095260000

**9547WSK**

"Kinder Work Station", workbench with tools, for children from 3 years of age



9547WSK



1 095473801

**9546**

steel thermos, 0.45-litre capacity



9546



1 095460100

**9547**

desk calculator



9547



1 095470000

**9583**

radio-controlled clock with weather station



9583



1 095830000

**9594**

clock complete with thermometer and hygrometer, 26 cm in diameter



ø  
cm  
26



1 095940051

**9586**

multipurpose knife, stainless steel, 10 functions



9586



1 095861001

**9581**

petrol lighter



9581



1 095811001



**9577F1**

overalls, 65/35 polyester/cotton



S	1	095771001
M	1	095771002
L	1	095771003
XL	1	095771004
XXL	1	095771005
XXXL	1	095771006

**9579C**

work jacket, polyester/cotton



M	1	095791002
L	1	095791003
XL	1	095791004

**9575**

suction cup folder, made from plasticized fabric, with four suction cups on upper side



9575 1 095750001

**9559**

one-sided banner, TNT; modules: 3x0.8 m



9559 1 095591001

**9590**

flag, silk screen printed nylon

cm  
140x215 1 095900001**9582LE**

luminous sign, one-sided, for outdoor use



9582LE 1 095820010

**9582LI**

luminous sign, two-sided, for indoor use



9582LI 1 095820050

**9592S/50P**

set of 50 ballpoint pens, plastic



9592S/50P 1 095920201

**9592P/P**

ballpoint pens, customized



9592P/P 500 095920701

**9596**

badge holder, polyester, with metal clip and mobile phone string



9596 10 095961001

**9595S/10P**

10 key rings, EVA-type plastics



9595S/10P 1 095951001

**9569**

TNT shopper, 38x42 cm, long handles



9569 50 095691000

**9569P**

shopper, made of polyethylene, folded sides



9569 44x34 50 095691001

**9588S/10...**

set of 10 notepads



9588S/10A	1	095881001
21x29 cm		
9588S/10B	1	095881002
15x21 cm		
9588S/10C	1	095881003
10x15 cm		
9588S/10D	1	095880054
7,5x10,5 cm		

**9588/10PI**

set of 10 notepads with adhesive sheets

9588/10PI 1 095880055  
7,5x7,5 cm**9591S/...**

clear stickers



* 9591 S/10A	1	095911001
60x14,6 cm		
* 9591 S/10B	1	095911002
38x10,7 cm		
* 9591 S/50C	1	095911003
26x7,8 cm		
* 9591 S/50D	1	095911004
13x3,9 cm		

**9589A/36**

pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny



9589A/36 1 095890035

**9589B/36**

pack of 36 rolls of packaging adhesive tape, with Beta logo, white



9589B/36 1 095890036



# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

53 24	000530024		
53 27	000530027		
53 30	000530030		
53 32	000530032		
94 AS5/16X3/8	000940108		
94 AS3/8X7/16	000940112		
94 AS7/16X1/2	000940115		
94 AS1/2X9/16	000940118		
94 AS9/16X5/8	000940121		
94 AS5/8X3/4	000940124		
94 AS3/4X7/8	000940130		
94 AS/7	000940152		
95 P6X7	000950185	95 6X7	000950161
95 P8X9	000950186	95 8X9	000950162
95 P10X11	000950187	95 10X11	000950163
95 P12X13	000950188	95 12X13	000950164
95 P14X15	000950189	95 14X15	000950165
95 P16X17	000950190	95 16X17	000950166
95 P18X19	000950191	95 18X19	000950168
95 P20X22	000950192	95 20X22	000950169
95 P21X23	000950193	95 21X23	000950170
95 P24X26	000950194	95 24X26	000950171
95 P25X28	000950195	95 25X28	000950172
95 P27X29	000950196	95 27X29	000950173
95 P30X32	000950197	95 30X32	000950174
95 P/S8	000950200	95 /S8	000950177
95 P/S13	000950202	95 /S13	000950179
96 T-BP/S5	000960695	96 T-BP/S6	000960694
96 T/S5	000960949	96 T/S6	000960952
96 T/S7	000960950	96 T/S11	000960951
920 MQ/C16	009200918	920 MQ/C16	009200917
952 AS13/16	009520271		
952 AS7/8	009520272		
960 S22	009600080	960 S22	009600022
960 E	009600145		
960 F	009600147	960 F	009600148
960 G	009600150	960 G	009600151
1044 F240	010440014	1044 F250	010440015
1044 240	010440240	1044 250	010440250
1044 240K	010449240	1044 250K	010449250
1053 GM2	010530124	1053	010530024
1082 TM140	010820044	1082 BM140	010820034
1082 TM160	010820046	1082 BM160	010820036
1084 TM160	010840046	1084 BM160	010840036
1084 TM180	010840048	1084 BM180	010840038
1084 TM200	010840050	1084 BM200	010840040
1105 A	011050101	1105 T30	011050201
1105 B	011050102	1105 T50	011050202
1105 AD	011050110	1105 AD-50	011050210
1105 C/15	011050151	1105 C/15T	011050251
1105 C/29	011050152	1105 C/29T	011050252
1142 160	011420006	1142 BM160	011420036
1151 S220	011510022	1150 220	011500012
1152 TM160	011520046	1150 BM160	011500036
1152 TM180	011520048	1150 BM180	011500038
1152 TM200	011520050	1150 BM200	011500040

1385 N400	013850204	1385 400	013850404
1385 N600	013850206	1385 600	013850406
1385 N800	013850208	1385 800	013850408
1385 N1000	013850210	1385 1000	013850410
1385 N1500	013850215	1385 1500	013850415
1385 N2000	013850220	1385 2000	013850420
1434 6	014340106	1433 6	014330006
1434 7	014340107	1433 7	014330007
1434 8	014340108	1433 8	014330008
1434 9	014340109	1433 9	014330009
1434 10	014340110	1433 10	014330010
1434 10,5	014340111	1433 10,5	014330021
1434 12	014340112	1433 12	014330012
1434 14	014340114	1433 14	014330014
1434 16	014340116	1433 16	014330016
1434 /C4	014340140		
1434 /C7	014340170	1433 /C11	014330311
1461 /C1	014610010		
1461 /C2	014610020		
1461 /C4	014610040		
1468 /F30	014680030		
1468 40/P30	014680031		
1468 50/P30	014680032		
1468 /F160	014680160		
1468 /P160	014680161		
1468 /F200	014680200		
1468 /P200	014680201		
1474	014740001	1474 L	014740010
1475 L	014750005		
1477 13	014770013	1477 D13	014770113
1477 15	014770015	1477 D15	014770115
1493 /A	014930001		
1493 /B	014930005		
1493 /C	014930010	1493 92-L10	014930236
1493 /D	014930015		
1493 /E	014930020	1493 65-L14	014930200
1493 /F	014930025	1493 74-L15	014930210
1493 /G	014930030	1493 90-L15	014930234
1493 /L	014930040	1493PF 66-L6	014930202
1493 /M	014930050		
1498 A/12	014980200	1498 B/12	014980205
1498 A/24	014980210	1498 B/24	014980224
1566	015660001	1566 N	015660010
1568 /C13	015680061	1568 /C15	015680015
1569 /C11	015690001	1569	015690010
1593 400	015930040	1595 400	015950040
1593 500	015930050	1595 500	015950050
1599 100	015990181	1599 F100	015990100
1599 125	015990201	1599 F125	015990125
1599 150	015990202	1599 F150	015990150
1599 165	015990203	1599 F175	015990175
1599 G165	015990916	1599 G180	015990917
1727 M	017270010	1727 BM	017270020
1748 /26K	017480226		
1750 B/500	017500205	1750 500	017500500
1750 B/1000	017500210	1750 750	017500750
1759 M	017590201	1759	017590251
1772 Y	017720025	1772 B	017720005
1778 N	017780030	1778	017780045
1778 M	017780040	1778	017780045

1813 E	018130100	1814 M/25	018140225
1814 E/30	018140130	1814 M/30	018140230
1814 E/40	018140140	1814 M/40	018140240
1820 E/50	018200150	1820 /50	018200050
1820 E/80	018200180	1820 /80	018200080
1822 E/200	018220120	1822 A/2	018220420
1822 E/300	018220130	1822 A/3	018220430
1823 E	018230100	1823	018230000
1835	018350001	1835 /2	018350060
1918	019180001	7051 MP	070510001
1918 C	019180002	7190 C	071900002
1918 M	019180003	7195 MA	071950003
1924 A	019240011	1924 B	019240021
1930 HCD	019300028	1930 LA	019300037
1946 A	019460005	1946 B	019460007
2011 ET/B	020110118	2011 ET/B	020110119
2029 ET/B	020290210	2029 ET/B	020290211
2029 EL/B	020290215	2029 EL/B	020290216
2029 BG-MQ	020290250	2029 BG-MQ	020290251
2032 EL/A	020320106	2032 EL/A	020320108
2033 EL/B	020330104	2033 EL/B	020330105
2033 ET/B	020330106	2033 ET/B	020330107
2034 EL/A	020340105	2034 EL/A	020340107
2036 ET/B	020360112	2036 ET/B	020360113
2036 EL/B	020360116	2036 EL/B	020360117
C6	021060000	C6T	021060010
2400 SL-ONG4T	024002424	2400 SL-ONG4T	024002427
2400 SL-GVG4T	024002425	2400 SL-GVG4T	024002428
2400 SL-RVG4T	024002426	2400 SL-RVG4T	024002429
2424 T255	024240255	2424 T256	024240256
2424 T295	024240295	2424 T296	024240296
2500 /VG0	025000081	2500 /VG0	025000080
3000 /VG3	030000094	3000 /VG3	030000095
3800 O/U2	038000061	3800 O/U2	038000065
3800 G/U2	038000062	3800 G/U2	038000066
3800 R/U2	038000063	3800 R/U2	038000067
3900 O-7/VG4T	039000164	3900 O-7/VG4T	039000167
3900 G-7/VG4T	039000165	3900 G-7/VG4T	039000168
3900 R-7/VG4T	039000166	3900 R-7/VG4T	039000169
5700 AO/VI	057000191	5700 AO/VI	057000196
5700 AO/VG	057000192	5700 AO/VG	057000197
5700 BO/VI	057000193	5700 BO/VI	057000198
5700 BO/VG	057000194	5700 BO/VG	057000199
5700 AG/VI	057000391	5700 AG/VI	057000396
5700 AG/VG	057000392	5700 AG/VG	057000397
5700 BG/VI	057000393	5700 BG/VI	057000398
5700 BG/VG	057000394	5700 BG/VG	057000399
5700 AR/VI	057000591	5700 AR/VI	057000596
5700 AR/VG	057000592	5700 AR/VG	057000597
5700 BR/VI	057000593	5700 BR/VI	057000598
5700 BR/VG	057000594	5700 BR/VG	057000599
5904 VG/4T	059040193	5904 VG/4T	059040195
5905 VG/0	059050161	5905 VG/0	059050162
5910 VG/3	059100056	5910 VG/3	059100057
5938 U2	059380060	5938 U2	059380061
5957 VI	059570024	5957 VI	059570027
5957 VG	059570025	5957 VG	059570028
5980 BG/MQ	059800223	5980 BG/MQ	059800224
5980 ET/B	059800232	5980 ET/B	059800233
5980 EL/A	059800237	5980 EL/A	059800239

# ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

5980 EL/B	059800238	5980 EL/B	059800240
7207RK 39	072070139		
7207RK 40	072070140		
7207RK 41	072070141		
7207RK 42	072070142		
7207RK 43	072070143		
7207RK 44	072070144		
7207RK 45	072070145		
7207RK 46	072070146		
7207RK 47	072070147		
7225WK 36	072250036		
7225WK 37	072250037		
7225WK 38	072250038		
7225WK 39	072250039		
7225WK 40	072250040		
7225WK 41	072250041		
7225WK 42	072250042		
7225WK 43	072250043		
7225WK 44	072250044		
7225WK 45	072250045		
7225WK 46	072250046		
7225WK 47	072250047		
7225WK 48	072250048		
7226WK 36	072260036		
7226WK 37	072260037		
7226WK 38	072260038		
7226WK 39	072260039		
7226WK 40	072260040		
7226WK 41	072260041		
7226WK 42	072260042		
7226WK 43	072260043		
7226WK 44	072260044		
7226WK 45	072260045		
7226WK 46	072260046		
7226WK 47	072260047		
7226WK 48	072260048		
7228NWK 36	072280036		
7228NWK 37	072280037		
7228NWK 38	072280038		
7228NWK 39	072280039		
7228NWK 40	072280040		
7228NWK 41	072280041		
7228NWK 42	072280042		
7228NWK 43	072280043		
7228NWK 44	072280044		
7228NWK 45	072280045		
7228NWK 46	072280046		
7228NWK 47	072280047		
7228NWK 48	072280048		
7340R 38	073400038		
7340R 39	073400039		
7340R 40	073400040		
7340R 41	073400041		
7340R 42	073400042		
7340R 43	073400043		
7340R 44	073400044		

7340R 45	073400045		
7340R 46	073400046		
7340R 47	073400047		
7341R 38	073410038		
7341R 39	073410039		
7341R 40	073410040		
7341R 41	073410041		
7341R 42	073410042		
7341R 43	073410043		
7341R 44	073410044		
7341R 45	073410045		
7341R 46	073410046		
7341R 47	073410047		
7342RKK 38	073420038		
7342RKK 39	073420039		
7342RKK 40	073420040		
7342RKK 41	073420041		
7342RKK 42	073420042		
7342RKK 43	073420043		
7342RKK 44	073420044		
7342RKK 45	073420045		
7342RKK 46	073420046		
7342RKK 47	073420047		
7342RKK/G 38	073420138		
7342RKK/G 39	073420139		
7342RKK/G 40	073420140		
7342RKK/G 41	073420141		
7342RKK/G 42	073420142		
7342RKK/G 43	073420143		
7342RKK/G 44	073420144		
7342RKK/G 45	073420145		
7342RKK/G 46	073420146		
7342RKK/G 47	073420147		
7344RKK 38	073440038		
7344RKK 39	073440039		
7344RKK 40	073440040		
7344RKK 41	073440041		
7344RKK 42	073440042		
7344RKK 43	073440043		
7344RKK 44	073440044		
7344RKK 45	073440045		
7344RKK 46	073440046		
7344RKK 47	073440047		
7345RKK 38	073450038		
7345RKK 39	073450039		
7345RKK 40	073450040		
7345RKK 41	073450041		
7345RKK 42	073450042		
7345RKK 43	073450043		
7345RKK 44	073450044		
7345RKK 45	073450045		
7345RKK 46	073450046		
7345RKK 47	073450047		
7346RKK 38	073460038	7346RP 38	073460138
7346RKK 39	073460039	7346RP 39	073460139
7346RKK 40	073460040	7346RP 40	073460140
7346RKK 41	073460041	7346RP 41	073460141
7346RKK 42	073460042	7346RP 42	073460142
7346RKK 43	073460043	7346RP 43	073460143
7346RKK 44	073460044	7346RP 44	073460144

7346RKK 45	073460045	7346RP 45	073460145
7346RKK 46	073460046	7346RP 46	073460146
7346RKK 47	073460047	7346RP 47	073460147
7347RKK 38	073470038	7347RP 38	073470138
7347RKK 39	073470039	7347RP 39	073470139
7347RKK 40	073470040	7347RP 40	073470140
7347RKK 41	073470041	7347RP 41	073470141
7347RKK 42	073470042	7347RP 42	073470142
7347RKK 43	073470043	7347RP 43	073470143
7347RKK 44	073470044	7347RP 44	073470144
7347RKK 45	073470045	7347RP 45	073470145
7347RKK 46	073470046	7347RP 46	073470146
7347RKK 47	073470047	7347RP 47	073470147
7348RKK 38	073480038	7348RP 38	073480138
7348RKK 39	073480039	7348RP 39	073480139
7348RKK 40	073480040	7348RP 40	073480140
7348RKK 41	073480041	7348RP 41	073480141
7348RKK 42	073480042	7348RP 42	073480142
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7349RKK 41	073490041	7349RP 41	073490141
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7350RKK 38	073500038	7350RP 38	073500138
7350RKK 39	073500039	7350RP 39	073500139
7350RKK 40	073500040	7350RP 40	073500140
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7350RKK 42	073500042	7350RP 42	073500142
7350RKK 43	073500043	7350RP 43	073500143
7350RKK 44	073500044	7350RP 44	073500144
7350RKK 45	073500045	7350RP 45	073500145
7350RKK 46	073500046	7350RP 46	073500146
7350RKK 47	073500047	7350RP 47	073500147
7621 GREY/XS	076210000		
7621 GREY/S	076210001		
7621 GREY/M	076210002		
7621 GREY/L	076210003		
7621 GREY/XL	076210004		
7621 GREY/XXL	076210005		
7621 GREY/XXXL	076210006		
7631 GREY/XS	076310000		
7631 GREY/S	076310001		
7631 GREY/M	076310002		
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7631 GREY/XL	076310004		
7631 GREY/XXL	076310005		
7631 GREY/XXXL	076310006		
7635 BLACK/XS	076350000	7635N /XS	076350500
7635 BLACK/S	076350001	7635N /S	076350501
7635 BLACK/M	076350002	7635N /M	076350502



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	ELIMINATED ITEM
	SUBSTITUTE ITEM
	RECOMMENDED ITEM

7635 BLACK/L	076350003	7635N /L	076350503
7635 BLACK/XL	076350004	7635N /XL	076350504
7635 BLACK/XXL	076350005	7635N /XXL	076350505
7635BLACKXXXL	076350006	7635N /XXXL	076350506
7635 GREY/XS	076350010	7635G /XS	076350510
7635 GREY/S	076350011	7635G /S	076350511
7635 GREY/M	076350012	7635G /M	076350512
7635 GREY/L	076350013	7635G /L	076350513
7635 GREY/XL	076350014	7635G /XL	076350514
7635 GREY/XXL	076350015	7635G /XXL	076350515
7635 GREY/XXXL	076350016	7635G /XXXL	076350516
7732 /XS	077320000		
7732 /S	077320001		
7732 /M	077320002		
7732 /L	077320003		
7732 /XL	077320004		
7732 /XXL	077320005		
7732 /XXXL	077320006		
7810N /XS	078100000	7815N /XS	078150000
7810N /S	078100001	7815N /S	078150001
7810N /M	078100002	7815N /M	078150002
7810N /L	078100003	7815N /L	078150003
7810N /XL	078100004	7815N /XL	078150004
7810N /XXL	078100005	7815N /XXL	078150005
7810N /XXXL	078100006	7815N /XXXL	078150006
7860 GB/XS	078600000	7860E /XS	078600900
7860 GB/S	078600001	7860E /S	078600901
7860 GB/M	078600002	7860E /M	078600902
7860 GB/L	078600003	7860E /L	078600903
7860 GB/XL	078600004	7860E /XL	078600904
7860 GB/XXL	078600005	7860E /XXL	078600905
7860 GB/XXXL	078600006	7860E /XXXL	078600906
7861 GB/XS	078610000	7861E /XS	078610900
7861 GB/S	078610001	7861E /S	078610901
7861 GB/M	078610002	7861E /M	078610902
7861 GB/L	078610003	7861E /L	078610903
7861 GB/XL	078610004	7861E /XL	078610904
7861 GB/XXL	078610005	7861E /XXL	078610905
7861 GB/XXXL	078610006	7861E /XXXL	078610906
7863 GB/XS	078630000	7863E /XS	078630900
7863 GB/S	078630001	7863E /S	078630901
7863 GB/M	078630002	7863E /M	078630902
7863 GB/L	078630003	7863E /L	078630903
7863 GB/XL	078630004	7863E /XL	078630904
7863 GB/XXL	078630005	7863E /XXL	078630905
7863 GB/XXXL	078630006	7863E /XXXL	078630906
7865 GB/XS	078650000	7865E /XS	078650900
7865 GB/S	078650001	7865E /S	078650901
7865 GB/M	078650002	7865E /M	078650902
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7865 GB/XXL	078650005	7865E /XXL	078650905
7865 GB/XXXL	078650006	7865E /XXXL	078650906
7867 GB/XS	078670000	7867E /XS	078670900
7867 GB/S	078670001	7867E /S	078670901
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8053 S1000	080530110	8055 S1250	080550110
8053 S1600	080530115	8055 S1600	080550115
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8053 S3200	080530130	8055 S3200	080550130
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8053 S7500	080530175	8055 S8000	080550170
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9551 G-XXXL	095510016		
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9552 M	095520102	9551 M	095510057
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9552 XXL	095520105	9551 XXL	095510063
9552 JET/S	095520201	9552 J/S	095520055
9552 JET/M	095520202	9552 J/M	095520057
9552 JET/L	095520203	9552 J/L	095520059
9552 JET/XL	095520204	9552 J/XL	095520061
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9554 R-M	095542002		
9554 R-L	095542003		
9554 R-XL	095542004		
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9579 C/P-L	095791103	9579 C-L	095791003
9579 C/P-XL	095791104	9579 C-XL	095791004
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# Beta

# 2013





# Partnership 2012



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