Beta

EN



General programme

2017

WWW.BETA-TOOLS.COM

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 March-Beta Utensili 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 - The 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 families.
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.
2009 - Beta further expanded their markets, establishing Beta China.
2012 - Beta Brazil was founded.
2016 - Beta introduces a new modular workshop equipment combination system.
2017 - Ongoing growth has translated into the current product range - distributed worldwide -, which exceeds 12,000 coded items, designed to satisfy the most demanding professionals’ requirements.


1939 Forging department


1950 Galvanising department


1955 Shearing department


1960 Shipping warehouse


1969 Tank trolley


1975 Chrome finishing


1974 Vittorio Brambilla


1980 Engineering department


1981 New assortments


2016 Simone Corsi

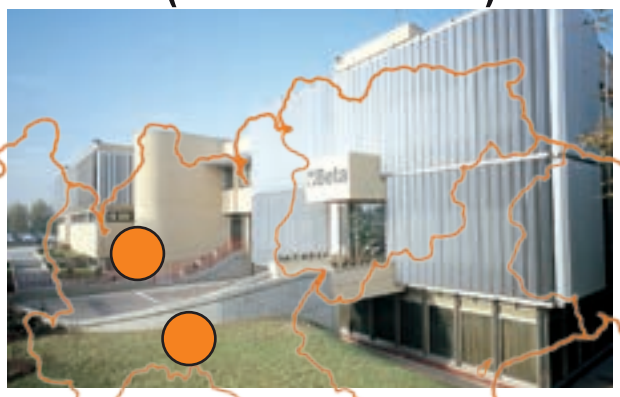
BETA UTENSILI S.p.A. - 20845 Sovico (MB)
Via A.Volta, 18 - Tel. 039.2077.1 - Telefax 039.2010742
www.beta-tools.com

Robur Wire rope accessories: 67039 Sulmona (AQ)
Zona industriale - C.da S. Nicola - Tel. 0864.2504.1 - Telefax 0864.253132
www.roburitaly.com - info@roburitaly.com

1939 1950 1960 1970 1980

3 PRODUCTION UNITS

Sovico (Monza Brianza)



- **More than 500** staff
- **100.000** square metres, of which **32.000** under cover
- **Over 10 million** pieces/year

Castiglione d'Adda (Lodi)





Sulmona (L'Aquila)







Ergonomics, finish and design serving reliability

For Beta, design does not just mean appearance but above all excellent performance. The study and design of a tool are aimed at achieving safety, strength and easy use. This is why tool design is based on functional needs: functionality leads to appearance, and design becomes the end result of a detailed study of materials and finishes.
With this aim in mind, Beta constantly renews the design of its products, reviewing their parts and materials.





Innovation and quality: guidelines for the development of all new Beta projects.





Since 1995 our production processes have complied with the ISO 9001 Quality System standards

Beta quality, our most concrete proof

At Beta, quality has a simple, concrete meaning: “that which fully satisfies the needs and expectations of the professional users who rely on our products as an irreplaceable working instrument”. Tools are not only designed and manufactured correctly to fulfil a need, but they must guarantee repeat performances consistently over time.
At Beta, quality goes beyond a merely attentive industrial and sales policy, to permeate every company division, driving us all to achieve increasingly ambitious goals in terms of customer satisfaction. Beta has built its history on this very concept.

The quality of Beta tools is a synergy of age-old techniques and new technologies.



Over 12,000 items

The dynamism of the Company has, over the years, helped it to effectively update its product range to promptly respond to the challenges of the global market.

Today the Beta Utensili range comprises over 12,000 items divided into 22 product families, making it one of the most qualified names in the tool market.

Beta produces tools for professional mechanics, from industrial maintenance to car repairs, and for all those whose hobbies are much more than a simple pastime.

22

families

Applications

Each professional need finds an effective solution



Automotive



Energy



Industry



Oil & Gas



Aeronautics



An “easy” and complete website where you can find our updated catalogues, latest news, promotions and all our technical product information (manuals, spare parts and demo videos, which can also be found on YouTube)



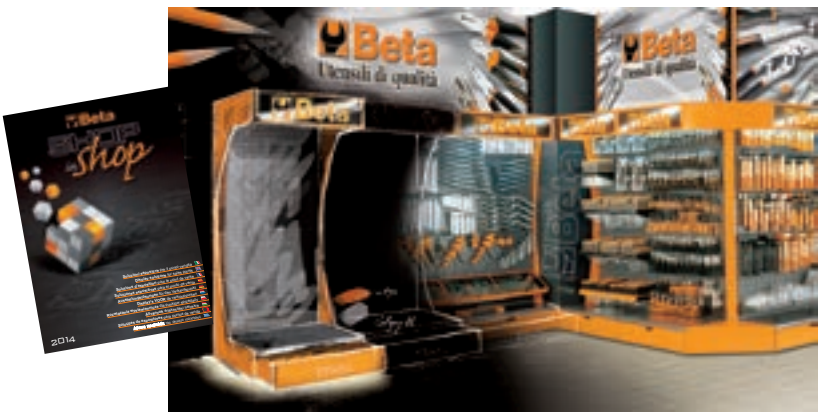
A specific app of all the Beta catalogues for Ipad and Android.



Köln 2016

Beta supplies different store display solutions to offer customers a “turnkey” service.





www.beta-tools.com

WORLDWIDE DISTRIBUTION

Present in over
100 countries
worldwide

Beta's far-reaching distribution network serves professional users across the world.





7

Beta **Brasil**



Beta **Benelux**



Beta **China**



Beta **France**



Beta **Iberia**



Beta **Polska**



Beta **UK**



Quick, **prompt** and **complete** deliveries



12.000
coded items
and over **20.000**
loading units



15,000 m²
surface area



RSC 55







278÷292

CONTAINERS AND ASSORTMENTS







230÷277




293÷359

WRENCHES



16÷21



26÷29

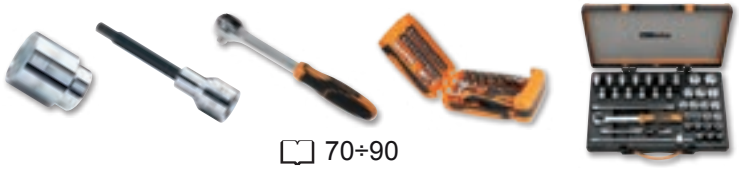


90÷94

SOCKETS AND ACCESSORIES



58÷63



70÷90

TORQUE WRENCHES AND MULTIPLIERS



49÷50



50÷58

SCREWDRIVERS, MALE-END WRENCHES AND BITS



21÷26



63÷70



93÷95



115÷125

PLIERS AND NIPPERS



102÷107



112



182

HAMMERS AND CHISELS



15-16

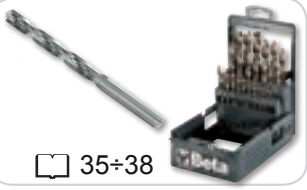


127÷131



169

DRILLING AND THREADING TOOLS



35÷38



39÷40



40÷47



47÷48

PULLERS



131-132



151÷158

MEASURING AND MARKING TOOLS



163÷169

CUTTING AND GENERAL MAINTENANCE TOOLS



99



107÷109



124



142



159



170÷179



182÷193



PLUMBING TOOLS



29÷35

ELECTRONICS AND MICROMECHANICS



101-102



113-114



117÷119



185-186

ELECTROTECHNICS



109÷112



117



159÷163

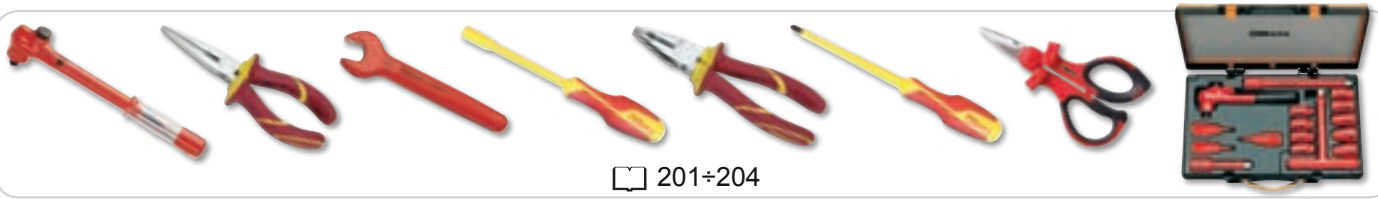


180



190

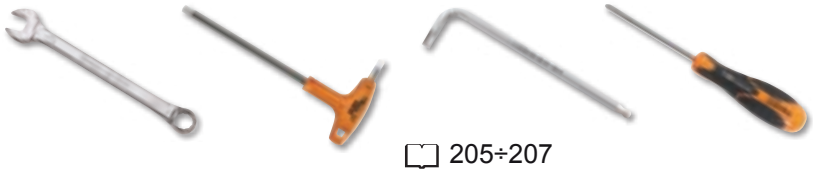
1000V INSULATED TOOLS



201÷204

STAINLESS STEEL





205÷207



SPARKPROOF TOOLS



208÷214

VEHICLE REPAIR



95÷101





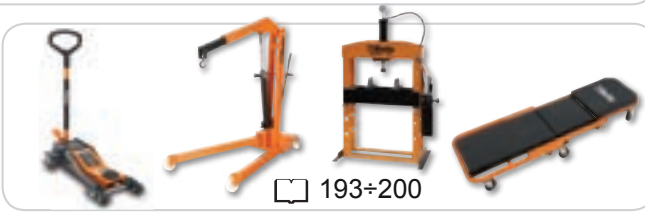
132÷158



125÷127



179÷183



193÷200

PNEUMATIC TOOLS AND ACCESSORIES



215÷229

ROBUR WIRE ROPE ACCESSORIES



420÷450

SAFETY FOOTWEAR (AND TECHNICAL SOCKS)



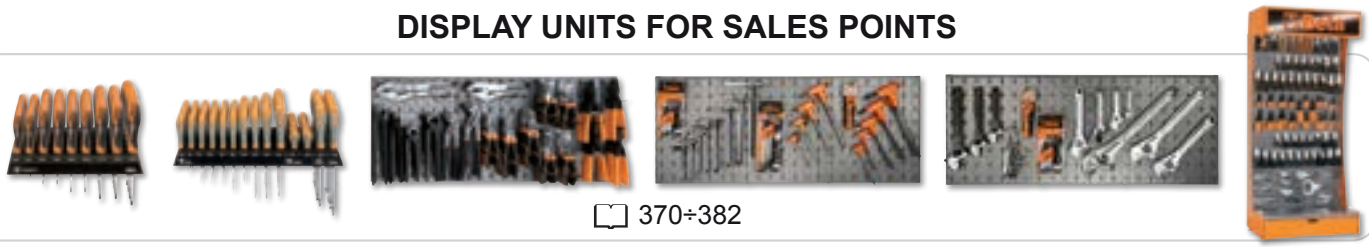
383÷405

WORKWEAR



406÷419

DISPLAY UNITS FOR SALES POINTS



370÷382

BLISTER PACK RANGE



360÷369

BETA COLLECTION



451÷460

item number — 94

flare nut open ring wrenches

tool profile

in blister pack



DIN 3118

★ item available on request
• main size
⬡ hexagon drive

size

n.° of tools per box

n.° of tools per set

type of packaging

set content

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

NEW ITEM 2017

code number



94/S6 8x10-10x11-11x13-12x14 17x19-19x22 mm	1	000940050
94/S10 8x10-9x11-10x11-11x13 12x14-17x19-19x22 22x24-24x27-30x32 mm	1	000940052

Most used symbols		Example
	Sets	
B	= in plastic wallet	42/B9
BV	= empty wallet	42/BV9
C	= in case	900/C11
D	= in hanging pack	1293/D6
S	= in box	42/S17
SP	= with display	42/SP17
SPV	= empty display	42/SPV1
SC	= with compact support	96/SC9
SCV	= compact support, empty	96/SCV
	Assortments	
AS	= with tools in inches	5915VU/AS
E	= Electronics/Electrotechnics	5980ET/A
I	= Plumbing	5980ID
MT	= Earth-moving	5902MT
U	= Universal	5915VU3
SBK	= Motorcycle Repairs	5940SBK
VG	= Automotive	5904VG/5T
VI	= Industry	5902VI
	Sockets	
A	= hexagon profile	910A
B	= bi-hex profile	910B
ES	= grooved profile	920ES
FTX	= for TORX® screws	910FTX

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

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

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

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	2	000310402
3	180	52	2	000310403
4	191	62	2	000310404
5	200	72	2	000310405
6	221	82	2	000310406
8	235	94	2	000310408



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

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 **31SE:** 4-5-6 mm	1	000310320
55/BV6	1	000550151

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



38/B6



38/SP6

38/B6	1	000380006
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
42/BV6	1	000420051
38/SP6	1	000380009
30: 2-3 mm		
32: 4 mm		
34: 125-150 mm		
36: 150 mm		
38/SPV	1	000380019



42

combination wrenches, open and offset ring ends



DIN 3113 UNI-ISO 7738

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



42/B9	1	000420064
6-7-8-10-11-13-14-17-19 mm		
42/BV9	1	000420056



42/S14	1	000420067
6-7-8-10-11-12-13-14 -15-16-17-19-22-24 mm		
42/S15	1	000420066
6-7-8-10-11-12-13-14 17-19-22-24-27-30-32 mm		
42/S17	1	000420065
6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm		
42/S26	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



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



42/SP25	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		
42/SPV2	1	000420090



42/SP15





42/SPV...

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

42AS

combination wrenches,
open and offset ring ends



"	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



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



42AS/13 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1	1	000420163
42AS/16 1/4-5/16-3/8-7/16-1/2-9/16-5/8 11/16-3/4-13/16-7/8-15/16-1- 1.1/16-1.1/8-1.1/4	1	000420166



42MP

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

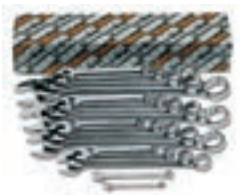


DIN 3113 UNI-ISO 7738

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



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



42MP/S17 6-7-8-9-10-11-12-13-14-15 16-17-18-19-20-21-22 mm	1	000420652
42MP/S21 6-7-8-9-10-11-12-13-14 15-16-17-18-19-20-21-22 24-27-30-32 mm	1	000420653

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

mm	L mm		
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



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

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

mm	L mm		
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

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

mm	L mm		
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



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



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



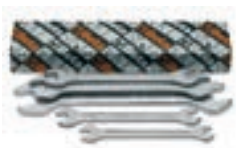
55/SP7 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000550167
42/SPV7 **42:** 8-10-11-13-14-17-19 mm **55:** 6x7-8x9-10x11-12x13 14x15-16x17-18x19 mm	1	000420097
55/SP13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000550186
55/SPV	1	000550190

55AS

double open end wrenches



"	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



55AS/5 5/16x11/32-3/8x7/16 1/2x9/16-5/8x11/16 3/4x7/8	1	000550290
55AS/7 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
55AS/11 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

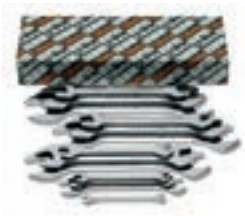
55MP

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



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

58

open end slogging wrenches



DIN 133

mm	L mm		
24	177	1	000580024
27	180	1	000580027
30	190	1	000580030
32	190	1	000580032
34	200	1	000580034
36	215	1	000580036
41	235	1	000580041
46	255	1	000580046
50	275	1	000580050
55	300	1	000580055
60	320	1	000580060
65	342	1	000580065
70	375	1	000580070
75	375	1	000580075
80	408	1	000580080
85	408	1	000580085
90	445	1	000580090
95	445	1	000580095
100	485	1	000580100
105	485	1	000580105
110	510	1	000580110
115	510	1	000580115
120	545	1	000580120
125	545	1	000580125
130	575	1	000580130
135	575	1	000580135
★140	575	1	000580140
★145	640	1	000580145
★150	640	1	000580150
★155	640	1	000580155
★160	640	1	000580160
★165	715	1	000580165
★170	715	1	000580170
★175	715	1	000580175
★180	715	1	000580180
★185	715	1	000580185
★190	800	1	000580190
★195	800	1	000580195
★200	800	1	000580200
★210	800	1	000580210
★220	800	1	000580220
★230	800	1	000580230

73

small double open end wrenches



UNI 6737

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



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



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

78

ring slogging wrenches



DIN 7444

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
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

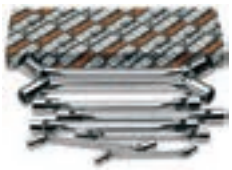


"	L mm		
★1.1/16	180	1	000780327
★1.1/8	190	1	000780329
★1.3/16	190	1	000780330
★1.1/4	197	1	000780332
★1.5/16	197	1	000780333
★1.3/8	223	1	000780335
★1.7/16	223	1	000780336
★1.1/2	223	1	000780338
★1.5/8	223	1	000780341
★1.11/16	225	1	000780343
★1.13/16	240	1	000780346
★1.7/8	250	1	000780348
★2	250	1	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	2	000800016
18x19	285	2	000800018
19x22	287	2	000800019
20x22	289	2	000800020
21x23	289	2	000800021
24x27	405	2	000800024
30x32	413	2	000800030



80/S8 6x7-8x9-10x11-12x13-14x15 16x17-18x19-20x22 mm	1	000800051
80/S11 6x7-8x9-10x11-12x13 14x15-16x17-18x19-20x22 21x23-24x27-30x32 mm	1	000800056

83
half-moon ring wrenches



ISO 3318

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



83/S3 11x13-14x17-19x22 mm	1	000830081
83/S5 10x12-11x13-15x17 16x18-19x22 mm	1	000830085

83AS
half-moon ring wrenches



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



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

90
double ended deep offset ring wrenches



DIN 838 ISO 10104

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



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

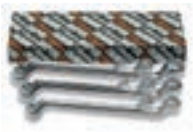


90/SP13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000900174
55/SPV	1	000550190

90AS
double ended deep offset ring wrenches



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



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 1/4x5/16-5/16x11/32 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	1	000900300

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	315	1	000930120
21x22	315	1	000930121

94
flare nut open ring wrenches



DIN 3118

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



94/S6 8x10-10x11-11x13-12x14 17x19-19x22 mm	1	000940050
94/S10 8x10-9x11-10x11-11x13 12x14-17x19-19x22 22x24-24x27-30x32 mm	1	000940052

95
double ended flat ring wrenches



DIN 837 ISO 10103

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

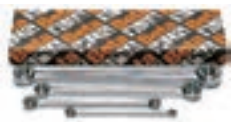


95/S8 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22 mm	1	000950177
95/S13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm	1	000950179

95FTX
double-ended straight wrenches,
for Torx® head screws



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



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

96
offset hexagon key wrenches
chrome-plated



ISO 2936

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



96/ST6 2,5-3-4-5-6-8 mm	3	000960370



96/BGS7 1,5-2-2,5-3-4-5-6 mm	1	000960367



96/BG7 2,5-3-4-5-6-8-10 mm	1	000960368



96/B8 2-2,5-3-4-5-6-8-10 mm	5	000960386
96/B10 1,5-2-2,5-3-4-5-6-8-10-12 mm	5	000960380
96N/BV	1	000960651



96/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960374
96/SCV	1	000960985



96/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960395
96/SCV12	1	000960975

96N

offset hexagon key wrenches, burnished



ISO 2936

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



96N/ST6 2,5-3-4-5-6-8 mm	3	000960640



96N/G7 2,5-3-4-5-6-8-10 mm	3	000960645
96N/G7A 1,5-2-2,5-3-4-5-6 mm	3	000960643



96N/B10 1,5-2-2,5-3-4-5-6 8-10-12 mm	5	000960650
96N/BV	1	000960651



96N/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960644
96N/SCV	1	000960986



96N/SC12 2-2,5-3-3,5-4-4,5-5 6-7-8-9-10 mm	1	000960661
96N/SCV12	1	000960976

96C/AS

offset hexagon key wrenches, chrome-plated



"	L mm	L1 mm	g		
1/16	46	16	1,01	20	000961702
3/32	53	19	2,70	20	000961706
1/8	60	22	5,33	20	000961710
5/32	67	25	9.33	20	000961714
3/16	74	28	14,87	20	000961716
7/32	81	32	22,00	20	000961718
1/4	89	35	31,40	20	000961720
5/16	103	40	56,16	10	000961724
3/8	117	45	91,31	10	000961728



96C-AS/SC9 1/16-3/32-1/8-5/32-3/16- 7/32-1/4-5/16-3/8	1	000961753

96AS

offset hexagon key wrenches, burnished



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



96AS/SC9 1 000960743
1/16-3/32-1/8-5/32-3/16
7/32-1/4-5/16-3/8
96AS/SCV 1 000960744



96AS/T7 3 000960740
3/32-1/8-5/32
3/16-7/32-1/4-5/16



96AS/G7 3 000960745
3/32-1/8-5/32
3/16-1/4-5/16-3/8



96AS/BG7 1 000960747
3/32-1/8-5/32-3/16
1/4-5/16-3/8



96AS/B11 1 000960749
1/20-1/16-5/64-3/32
1/8-5/32-3/16-7/32
1/4-5/16-3/8
96N/BV 1 000960651

96LC

offset hexagon key wrenches, long series, chrome-plated



ISO 2936

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



96LC/SC8 1 000960334
2-2,5-3-4-5-6-8-10 mm
96LC/SCV 1 000960983



96LC/SC12 1 000960337
2-2,5-3-3,5-4-4,5-5
6-7-8-9-10 mm
96LC/SCV12 1 000960977



96L

offset hexagon key wrenches, long series, burnished



ISO 2936

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



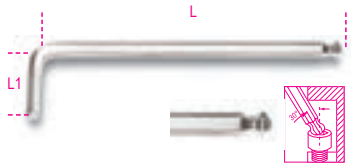
96L/SC8 1 000960924
2-2,5-3-4-5-6-8-10 mm
96L/SCV 1 000960987



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



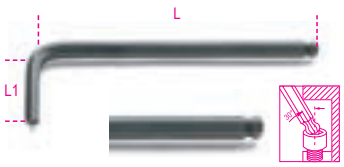
mm	L mm	L1 mm		
1,5	79	13	10	000960340
2	84	15	10	000960341
2,5	89	17	10	000960342
3	99	19	10	000960343
4	108	24	10	000960344
5	126	27	10	000960345
6	148	31	10	000960346
7	157	33	5	000960353
8	168	35	5	000960347
10	187	39	5	000960348



96BPC/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960354
96BPC/SCV	1	000960984

96BP

ball head offset hexagon key wrenches
burnished



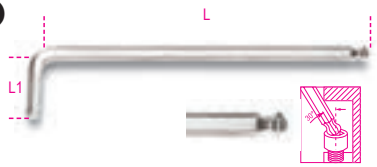
mm	L mm	L1 mm		
1,5	79	13	10	000960960
2	84	15	10	000960961
2,5	89	17	10	000960962
3	99	19	10	000960963
4	108	24	10	000960965
5	126	27	10	000960967
6	148	31	10	000960968
8	168	35	5	000960970
10	187	39	5	000960972



96BP/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000960974
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 1,5-2-2,5-3-4-5-6-8-10 mm	1	000961354
96LBP/SCV	1	000960984

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



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



96BPA

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



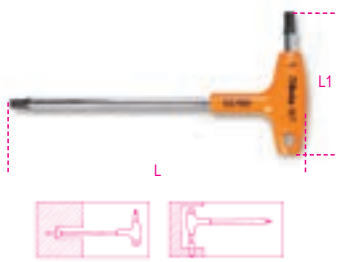
mm	L mm	L1 mm		
1,5	71	9	5	000961960
2	86	11	5	000961961
2,5	96	13	5	000961962
3	104	15	5	000961963
4	116	17	5	000961964
5	132	19	5	000961965
6	155	21	5	000961966
8	176	24	2	000961968
10	200	27	2	000961970



96BPA/SC9 1,5-2-2,5-3-4-5-6-8-10 mm	1	000961974
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	221	103	5	000960941
7	236	106	3	000960942
8	255	117	3	000960943
10	285	132	3	000960945



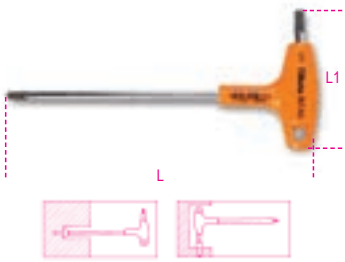
96T/S6 2-2,5-3-4-5-6 mm	1	000960952
96T/S11 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	1	000960951



96T/SP11 2-2,5-3-3,5-4-4,5-5 6-7-8-10 mm	1	000960957
96T/SPV	1	000960958

96T/AS

offset hexagon key wrenches,
with high torque handles



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



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	3	000960685
3	153	55	3	000960686
4	179	70	3	000960687
5	200	84	3	000960688
6	221	103	3	000960689
8	255	117	2	000960690



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	1	000970640



97TX/G8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970645



97TX/BG8 T9-T10-T15-T20-T25-T27-T30-T40	1	000970368



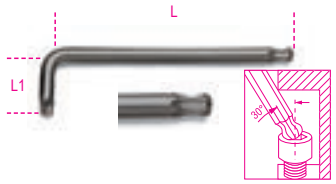
97TX/SC8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970064
97TX/SCV	1	000970985



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	1	000970263
97RTX/SCV	1	000970984



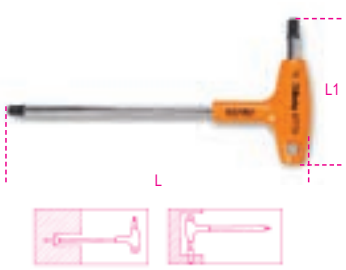




97RTX/B8 T9-T10-T15-T20-T25 T27-T30-T40	1	000970260
96N/BV	1	000960651

97TTX

offset key wrenches with handles
for Torx® head screws



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



97TTX/D6 T10-T15-T20-T25-T30-T40	1	000970791
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



DIN 65253

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

99SQ

hook wrenches with square noses
for ring nuts



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



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

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	L "	A max mm		
100	4	15	3	001110010
150	6	24	3	001110015
200	8	28	3	001110020
250	10	34	3	001110025
300	12	35	3	001110030
380	15	45	3	001110038
450	18	54	2	001110045
600	24	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	L "	A max mm		
100	4	15	3	001110210
150	6	24	3	001110215
200	8	28	3	001110220
250	10	34	3	001110225
300	12	35	3	001110230
380	15	45	3	001110238
450	18	54	2	001110245

111G

adjustable wrenches with scales chrome-plated

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

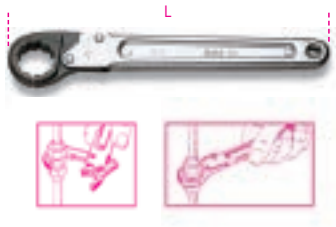


DIN 3117 ISO 6787

L mm	L "	A max		
200	8	28	3	001110620
250	10	34	3	001110625
300	12	35	2	001110630

120

ratchet opening single ended bi-hex wrenches



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



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

123E1/4

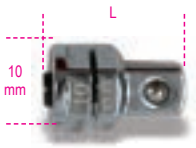
bit holder adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	20,6	1	001230010

123Q1/4

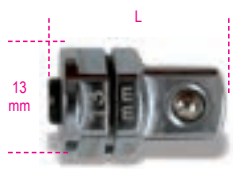
quick release adaptor, 1/4", for 10 mm ratcheting wrenches



mm	L mm		
10	17,5	1	001230310

123Q3/8

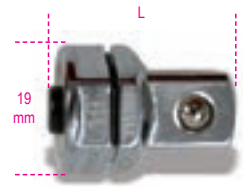
quick release adaptor, 3/8", for 13 mm ratcheting wrenches



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

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
* **36x36**	480	1	001420036

*** Straight model without inverter**



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



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

142/SC9I-E

set of 9 reversible ratcheting combination wrenches, with compact support



142/SC9I 8-10-11-12-13-14-15-17-19 mm	1	001420087
142/SCV9I	1	001420103
142/SC9E 8-10-11-12-13-16-17-18-19 mm	1	001420088
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	1	001420330

142C

ratcheting combination wrenches, straight short series



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



142C/A12 8-9-10-11-12-13-14 15-16-17-18-19 mm	1	001420175

142SN

swivel end ratcheting combination wrenches



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



142SN/S13 7-8-9-10-11-12-13-14 15-16-17-18-19 mm	1	001420263

186

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

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



L mm		
260	1	001860008

187

swivelling, openable wrenches



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



187/B5 8x9-10x11-12x13 14x15-16x17 mm	1	001870050

188

ratcheting flat bi-hex ring wrenches for free alternator pulleys



mm	L mm		
10	240	2	001880010
15	322	2	001880015

192

reversible ratcheting double-ended flat bi-hex ring wrenches, 4 in1



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



192/S2 8x10/12x13 16x17/18x19 mm	1	001920070

194

reversible ratcheting wrench for bits



○	L mm		
1/4x5/16	128	2	001940006

195

ratcheting double-ended flat bi-hex ring wrenches



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



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

195AS

ratcheting double-ended flat bi-hex ring wrenches



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



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

195P

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



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

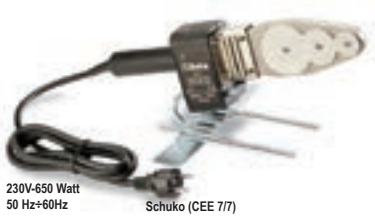


195P/B5 8x10-12x13-14x15 16x18-17x19 mm	1	001950266
195/BV5	1	001950070

310

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

CE



	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 310/1+310B: Ø 20-25-32	1	003100104

410x260x82 mm - 4,8 kg

310/C8

polywelder with assortment of 7 forms

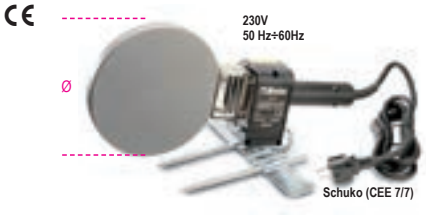


310/C8 310/2+310B: Ø 16-20-25 32-40-50-63	1	003100108

440x270x120 mm - 7,7 kg

311

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



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

330

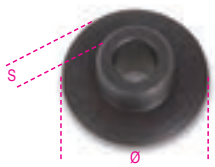
pipe cutters for steel gas pipes



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

330R/A

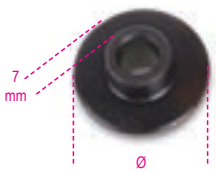
spare cutters for item 330 wheels for steel pipes



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

330R/I

spare cutter wheel for item 330 for stainless steel pipes



	Ø mm		
330R/I	32	1	003300024

331L

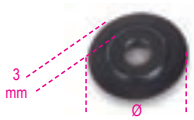
ratcheting pipe cutter for copper and light alloy pipes



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

331LR/L

spare knife for pipe cutter 331L



	Ø mm		
331L R/L	18	1	003310058

332

mini pipe cutter for copper and light alloy pipes



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

334

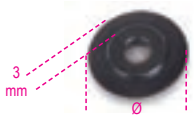
pipe cutter for copper and light alloy pipes



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

334R

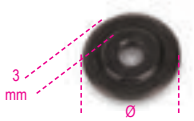
spare cutter wheel for items 332 and 334 for copper and light alloy pipes



	Ø mm		
334R	18	1	003340021

334R/I

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



	Ø mm		
334R/I	18	1	003340023

336

telescopic pipe cutter for copper and light alloy pipes



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

338

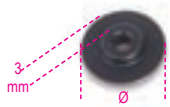
telescopic pipe cutter, fast advance for copper, light alloys and plastic pipes



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

338R

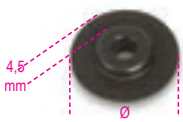
spare cutter wheel for items 336 and 338 for copper and light alloy pipes



	Ø mm		
338R	18,5	1	003380022

338R/I

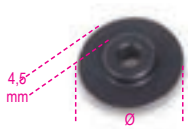
spare cutter wheel for items 336 and 338 for stainless steel pipes



	Ø mm		
338R/I	21,8	1	003380023

338RP

spare cutter wheel for items 336 and 338 for plastic pipes



	Ø mm		
338RP	21,9	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		
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		
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		
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		
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

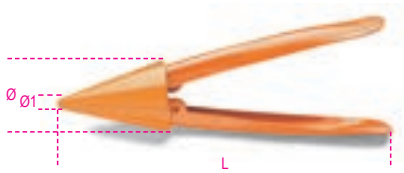
spare blade for item 342P



342P/RL	1	003420130

344

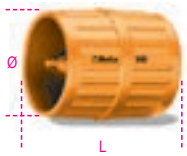
tube flaring pliers for lead pipes



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

3/8"



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

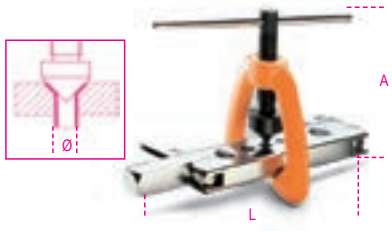
inch slide for item 349



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

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	3	003510101
351P4,75	4,75	3	003510102
351P6	6	3	003510103
351P8	8	3	003510104
351P10	10	3	003510105
351P12	12	3	003510106
351P14	14	3	003510107

352U

adjustable tube flaring tool for copper and light alloy pipes



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

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

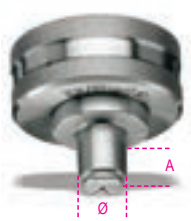
tube expanding pliers, with interchangeable forms



L mm		
380	1	003530201

353NM

forms for tube expanding pliers item 353N



Ø mm	A mm		
10	7	1	003530210
12	10	1	003530212
14	10	1	003530214
16	12	1	003530216
18	12	1	003530218
22	13	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

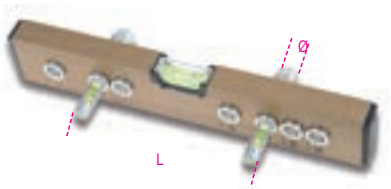
1/2"



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

357F3

three-vial spirit level



Ø "	L mm		
3/8" / 1/2"	90÷220	1	003570100

357R/F3

spare vial for item 357F3



357 R/F3	1	003570101

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 for item 360
with moving jaw and ring nut.

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

362

heavy duty pipe wrenches



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

362R/...

spare parts kit for item 362
with: fixed jaw, moving jaw; ring nut; lockpin.

362R/200	1	003620220
362R/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
1200	6" gas	165	1	003630120

363R/...

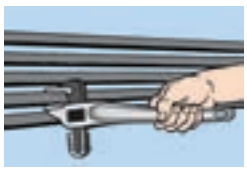
spare parts kit for item 363
with: fixed jaw; moving jaw; ring nut; lockpin.

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

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/...

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

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

366

pipe wrenches, light pattern



L mm	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



DIN 5234

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



DIN 5234

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



DIN 5234

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



DIN 5234

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/...

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

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

383

reversible strip pipe wrenches



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

383R

spare strips for item 383



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

384

reversible chain pipe wrench



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

384RC

spare chain for item 384



384RC	1	003840033

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

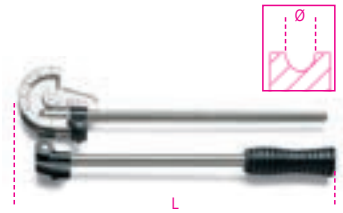
spare chains for item 386A



386A3/RC	1	003860013
386A4/RC	1	003860014
386A5/RC	1	003860015
386A6/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

392C

adjustable drain tap pliers



Ø mm	L mm		
25÷65	260	1	003920100

392RG/C

spare jaw protectors for item 392C, pair



392RG/C	1	003920101

393

water tap wrench



L mm		
270	1	003930001

395

hinged water tap wrench



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

395T

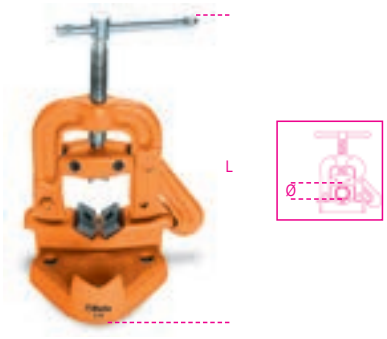
telescopic hinged water tap wrench



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

399

pivoting clamp vices



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

410

twist drills with cylindrical shanks, short series HSS, rolled

R ≤ 650 N/mm²
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004100030
1,00	34	12	10	004100040
1,25	38	16	10	004100043
1,50	40	18	10	004100046
1,75	46	22	10	004100049
2,00	49	24	10	004100052
2,25	53	27	10	004100055
2,50	57	30	10	004100058
2,75	61	33	10	004100061
3,00	61	33	10	004100064
3,20	65	36	10	004100066
3,25	65	36	10	004100067
3,50	70	39	10	004100070
3,75	70	39	10	004100073
4,00	75	43	10	004100076
4,20	75	43	10	004100078
4,25	75	43	10	004100079
4,50	80	47	10	004100082
4,75	80	47	10	004100085
5,00	86	52	10	004100088
5,25	86	52	10	004100091
5,50	93	57	10	004100094
5,75	93	57	10	004100097
6,00	93	57	10	004100100
6,25	101	63	10	004100103
6,50	101	63	10	004100106
6,75	109	69	10	004100109
7,00	109	69	10	004100112
7,50	109	69	10	004100118
8,00	117	75	10	004100124
8,50	117	75	10	004100130
9,00	125	81	5	004100136
9,50	125	81	5	004100142
10,00	133	87	5	004100148
10,50	133	87	5	004100172
11,00	142	94	5	004100184
11,50	142	94	5	004100196
12,00	151	101	5	004100210
12,50	151	101	5	004100222
13,00	151	101	5	004100234
14,00	160	108	5	004100242
15,00	169	114	5	004100250
16,00	178	120	5	004100258
17,00	186	125	3	004100262
18,00	194	130	3	004100266
19,00	202	135	3	004100270
20,00	210	140	3	004100274



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



410/SEL19 Ø 1÷10 x 0,5 mm	1	004100418

410MIX/SEL19

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



410MIX/SEL19	1	004100417



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

Ø 4 - 5 - 6 - 8 - 9 - 10 mm

410A

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

R ≤ 650 N/mm²
HV ~ 750÷820



Ø mm	L mm	L1 mm		
13,50	160	108	5	004100281
14,00	160	108	5	004100283
14,50	169	114	5	004100285
15,00	169	114	5	004100287
15,50	178	120	5	004100289
16,00	178	120	5	004100291
16,50	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

R ≤ 650 N/mm²
HV ~ 750÷820



ANSI B94

Ø "	L mm	L1 mm		
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
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



410AS/SP21 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	1	004100429
410AS/SPV1	1	004100430



410AS/SEL21 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	1	004100433



412

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

R ≤ 700 N/mm²
HV ~ 750÷820



DIN 338 ISO 235

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



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

412/C150



412/C150	1	004120450

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

365x230x47 mm - 3,3 kg



412/SP91 Ø 1÷10 x 0,10 mm	1	004120452

412A

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

R ≤ 700 N/mm²
HV ~ 750÷820



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
13,50	160	108	3	004120202
14,00	160	108	3	004120204
14,50	169	114	3	004120206
15,00	169	114	3	004120208
15,50	178	120	3	004120210
16,00	178	120	3	004120212
16,50	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

R ≤ 700 N/mm²
HV ~ 750÷820



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

R ≤ 900 N/mm²
HV 0,05 ~ 2500



DIN 338 ISO 235

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



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

414/C116



414/C116	1	004140450

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

365x230x47 mm - 2,7 Kg

415

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

R ≤ 1400 N/mm²
HV ~ 850÷920



DIN 338 ISO 235

Ø mm	L mm	L1 mm		
0,50	22	6	10	004150029
1,00	34	12	10	004150040
1,25	38	16	10	004150043
1,50	40	18	10	004150046
1,75	46	22	10	004150049
2,00	49	24	10	004150052
2,25	53	27	10	004150055
2,50	57	30	10	004150058
2,75	61	33	10	004150061
3,00	61	33	10	004150064
3,25	65	36	10	004150067
3,50	70	39	10	004150070
3,75	70	39	10	004150073
4,00	75	43	10	004150076
4,25	75	43	10	004150079
4,50	80	47	10	004150082
4,75	80	47	10	004150085
5,00	86	52	10	004150088
5,25	86	52	10	004150091
5,50	93	57	10	004150094
5,75	93	57	10	004150097
6,00	93	57	10	004150100
6,25	101	63	10	004150103
6,50	101	63	10	004150106
6,75	109	69	10	004150109
7,00	109	69	10	004150112
7,25	109	69	5	004150115
7,50	109	69	5	004150118
7,75	117	75	5	004150121
8,00	117	75	5	004150124
8,25	117	75	5	004150127
8,50	117	75	5	004150130
8,75	125	81	5	004150133
9,00	125	81	5	004150136
9,25	125	81	5	004150139
9,50	125	81	5	004150142
9,75	133	87	5	004150145
10,00	133	87	5	004150148
10,25	133	87	5	004150149
10,50	133	87	5	004150150
10,75	142	94	5	004150151
11,00	142	94	5	004150152
11,25	142	94	5	004150153
11,50	142	94	5	004150154
11,75	142	94	5	004150155
12,00	151	101	5	004150156
12,25	151	101	5	004150157
12,50	151	101	5	004150158
12,75	151	101	5	004150159
13,00	151	101	5	004150160
14,00	160	108	3	004150164
15,00	169	114	3	004150168
16,00	178	120	3	004150172
17,00	186	125	1	004150174
18,00	194	130	1	004150176
19,00	202	135	1	004150178
20,00	210	140	1	004150180



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

415/C116



415/C116	1	004150450

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

365x230x47 mm - 2,7 kg



415/SP91 Ø 1÷10 x 0,10 mm	1	004150460

416

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

R ≤ 900 N/mm²
HV ~ 820÷850



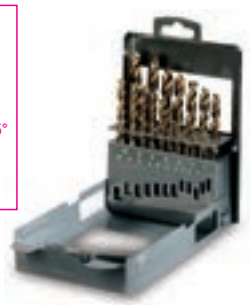


HIGHER CUTTING CAPACITY

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	1	004160419

417

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



DIN 8039

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



417/SP8 Ø 3-4-5-6-8-9-10-12 mm	1	004170100

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	5	004230006
7	74	5	004230007
8	79	5	004230008
10	89	5	004230010

423A

special mills for spot welding, HSS ground

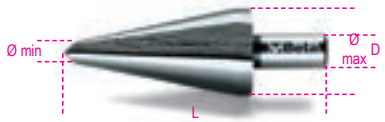


DIN 1412/E

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

424

conical drill bits, HSS



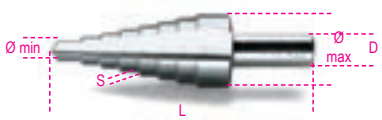
	L mm	Ø mm	D mm		
424/1	58	3÷14	6	2	004240001
424/2	63	6÷20	8	2	004240002
424/3	60	16÷30	10	2	004240003
424/4	80	3÷22	8	1	004240004
424/5	102	3÷31	10	1	004240005
424/6	86	26÷40	13	1	004240006
424/7	89	36÷50	13	1	004240007
424/8	90	40÷61	13	1	004240008



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

425

stepped drills, HSS



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



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

426

countersinking cutters with three cutters, HSS



DIN 335-C

GR	Ø mm	L mm	Ø1 mm		
1	4,3	44	4	3	004260001
2	5,3	44	4	3	004260002
3	6,3	44	5	3	004260003
4	7,3	44	6	3	004260004
5	8,3	50	6	3	004260005
6	9,4	50	6	3	004260006
7	10,4	54	6	3	004260007
8	12,4	54	8	3	004260008
9	15,0	56	10	3	004260009
10	16,5	60	10	3	004260010
11	20,5	63	10	3	004260011
12	25,0	66	10	3	004260012
13	28,0	71	13	3	004260013
14	31,0	71	13	3	004260014



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

426SB

countersinking cutters, HSS



	L mm	Ø1 mm	Ø2 mm		
426/SB1	45	10-(2÷5)	6	1	004260101
426/SB2	48	14-(5÷10)	8	1	004260102
426/SB3		6521-(10÷15)	10	1	004260103
426/SB4		8528-(15÷20)	12	1	004260104
426/SB5		10235-(20÷25)	15	1	004260105
426/SB6		11544-(25÷30)	15	1	004260106



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

426MD

rotary files, made from hard metal

cross cut HM6



	L mm	Ø mm		
426MD/CP8	63	8	1	004260512
426MD/CP12	70	12	1	004260522
426MD/CT8	64	8	1	004260513
426MD/CT12	69	12	1	004260523
426MD/F8	64	8	1	004260514
426MD/F12	69	12	1	004260524
426MD/T8	65	8	1	004260516
426MD/T12	69	12	1	004260526
426MD/S8	52	8	1	004260518
426MD/S12	54	12	1	004260528
426MD/FA8	62	8	1	004260519
426MD/FA12	70	12	1	004260529



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

427

morse taper extractors



DIN 317

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

428FP

machine taps for clearance holes, coarse pitch threads, HSS

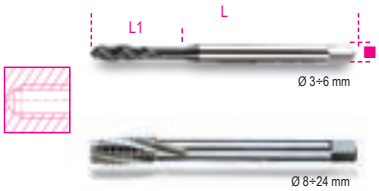


ISO 529

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

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

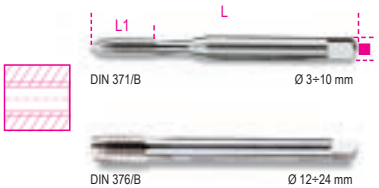
assortment of 14 machine taps items 428FP + 428FC



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

429FP

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

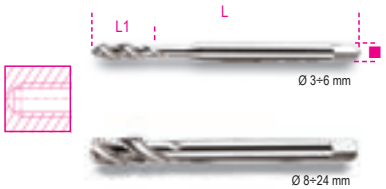


ISO 529

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 529

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

430

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



ISO 529

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 M 3-4-5-6-8-10-12	1	004300201
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

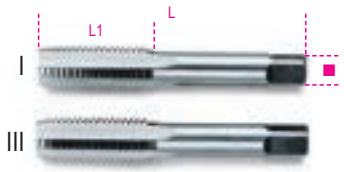
M	■ mm	L mm	L1 mm		
3x0,5	2,5	40	12	5	004310003
4x0,7	3,0	45	14	5	004310004
5x0,8	4,0	48	16	5	004310005
6x1	5,0	50	18	5	004310006
7x1	5,0	50	18	5	004310007
8x1,25	5,0	56	22	3	004310008
10x1,5	6,0	70	25	3	004310010
12x1,75	7,0	75	30	3	004310012
14x2	9,0	80	32	1	004310014
16x2	9,0	80	32	1	004310016
18x2,5	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 M 3-4-5-6-8-10-12	1	004310201
431/SPV	1	004310202

433

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



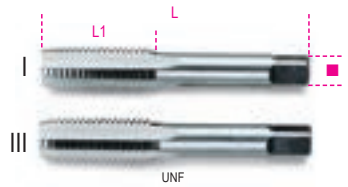
DIN 2181 UNI 4535

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

433ASG

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

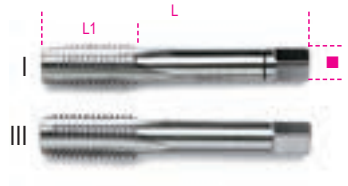


DIN 5157

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

434

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



DIN 2181 UNI 4535

M	■ mm	L mm	L1 mm		
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

M	■ mm	L mm	L1 mm		
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

435

adjustable tap wrenches, steel body

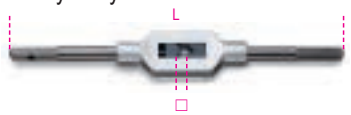


DIN 1814

	□ 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

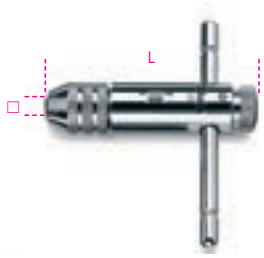


DIN 1814

	□ 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	175	5	004350112
435G/2	3,4÷7 M4÷M12	280	5	004350114
435G/3	4,9÷12 M5÷M20	380	2	004350121
435G/4	7÷16 M11÷M27	500	2	004350127
435G/5	7÷18 M13÷M32	700	1	004350132
435G/6	11÷24 M18÷M42	800	1	004350142

436

reversible ratcheting tap wrenches



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

436L

reversible ratcheting tap wrenches, long series



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

436R

spare clamps for items 436 and 436L

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

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

437C/...

stainless steel helicoids for item 437C



H mm		
8.4	1	004370108
12.4	1	004370112
16.4	1	004370116

The prices shown are for 10 pieces

437C/RM14

male thread for spark plugs M14x1.25



437C/RM14	1	004370124

437U/09

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



437U/09	1	004370550
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

Prices refer to 25 pieces (10 for size M12)

437U/PM

bits and taps for item 437U/09



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

437K/8

tool assortment for repairing axle shaft threads

- **Allows original thread to be rectified and dressed.**

Kit contents:

- **Metric sizes:**
  20x1.25 - 20x1.5 - 22x1.00 - 22x1.5 - 24x1.5 - 24x2.00
- **Inch sizes:**
  3/4x20 - 13/16x20



437K/8	1	004370020

200x110x30 mm

437K/16

tool assortment for repairing damaged threads on brake caliper brackets M9x1.25



437K/16	1	004370016

210x150x50 mm

437K/33

tool assortment for repairing damaged spark plug threads

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



437K/33	1	004370133

210x150x50 mm

438A

set of bits for drilling, threading and countersinking, HSS

- **M3 - M4 - M5 - M6 - M8 - M10**
- **with magnetic bit holder**



438A	1	004380010

438...

bits for drilling, threading and countersinking

HSS, 1/4" drive

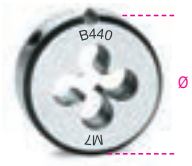
1/4



	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

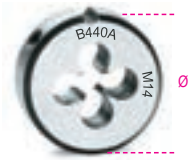


UNI EN 22568

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

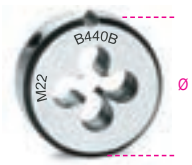


UNI EN 22568

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

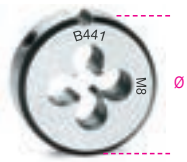


UNI EN 22568

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

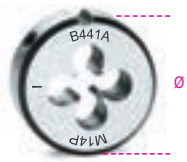


UNI EN 22568

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



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



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



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

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
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

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

446/C48

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



446/C48	1	004460057	

580x300x50 mm - 5 Kg

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

446/C110

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



446/C110 1 004460060

500x337x60 mm - 8,1 Kg

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

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

446ASF/C29

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



446ASF/C29 1 004460070

660x410x50 mm - 6 Kg

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

446ASC/C37

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



446ASC/C37 1 004460080

660x410x50 mm - 6,7 Kg

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

446ASW/C36

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



446ASW/C36 1 004460075

525x310x50 mm - 3,4 Kg

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

446ASG/C23

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



446ASG/C23 1 004460085

700x430x70 mm - 9,8 Kg

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

447/C37

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



447/C37 1 004470055

380x185x35 mm - 3,9 Kg

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

436/1	0,5x3x75

447/C53

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



447/C53 1 004470060

500x235x50 mm - 9 Kg

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

447/C70

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



447/C70 1 004470065

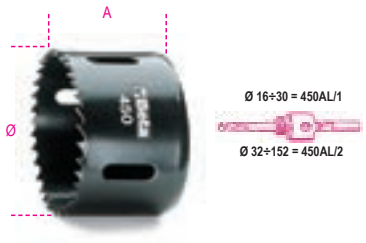
510x340x70 mm - 7,5 Kg

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

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

450

holesaws HSS, Bimetal

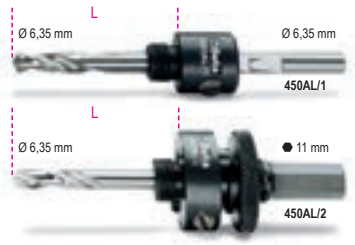


HSS-Co 8%

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

450AL

arbors for holesaws



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

450AD

adaptors for arbors item 450AL/1



	Ø mm		
450AD	32÷51	1	004500230

450PA/1

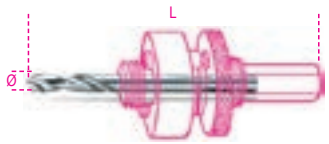
pilot drills for arbors item 450AL/1, HSS



ØxL mm		
6,35x105	1	004500252

450PA/2

pilot drills for arbors item 450AL/2, HSS



ØxL mm		
6,35x80	1	004500253

450PR

extension for holesaws



L mm		
305	1	004500255

450/C9

assortment of holesaws and accessories for electricians



HSS-Co 8%

450/C9	1	004500305

450	Ø 22 - 29 - 35 - 44 - 51 - 64 mm
450AL	/1 - /2
450AD	

220x160x60 mm - 1,6 Kg

450/C13

assortment of holesaws and accessories for **installers**



HSS-Co 8%

450/C13	1	004500310

450	Ø 19 - 22 - 29 - 35 - 38 44 - 51 - 57 - 64 mm
450AL	/1 - /2
450PA/1	
450AD	

215x180x65 mm - 1,8 Kg

450/C21

assortment of holesaws and accessories for **industrial use**



HSS-Co 8%

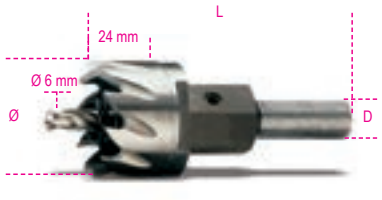
450/C21	1	004500315

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

420x280x60 mm - 7 Kg

451

hole cutters HSS, entirely ground



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

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

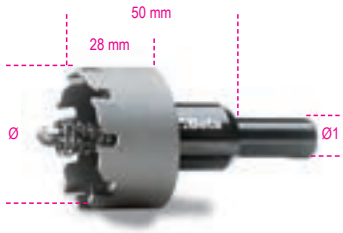
extension for hole cutters item 451



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

452GA

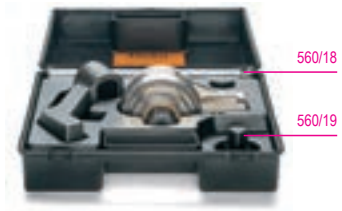
arbors for hole cutters item 452

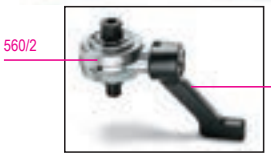


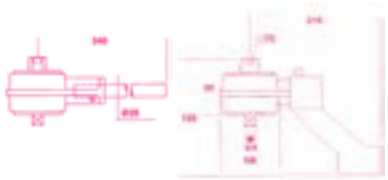
	Ø mm		
452GA/1	15÷21	1	004520125
452GA/2	22÷38	1	004520126
452GA/3	39÷100	1	004520127

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

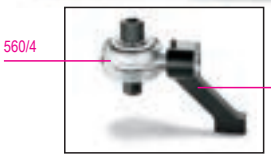
560/C2	1	005600020
560/2	1	005600002
560/18	1	005600018
560/19	1	005600019
560/22	1	005600022

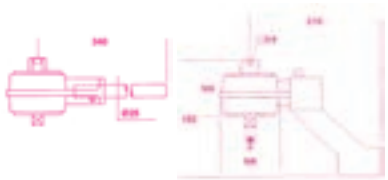
310x275x120 mm

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

560/C6	1	005600160

400x260x110 mm

560/C12

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



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

560/C12	1	005600210

400x260x110 mm

561

torque multiplier, **ratio 5:1**

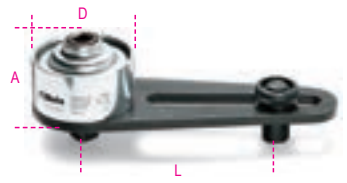


Nm	Kgfm	lbf.ft	□	■	kg
1000	100	740	1/2	3/4	4,6

561	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	3/4	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

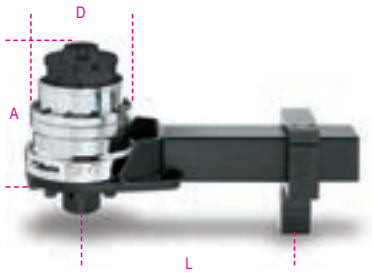
565/2R 1 005650012

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

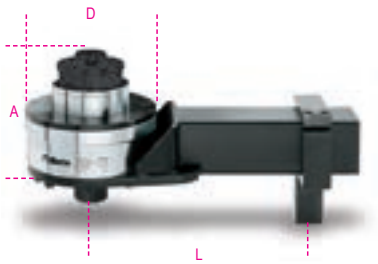


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	180	125	335	17

565/4R 1 005650014

565/5R

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

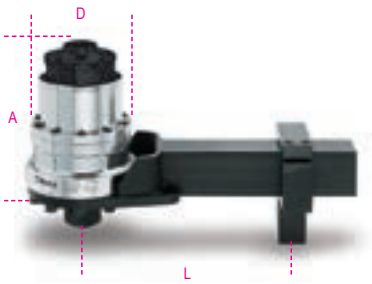


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
9500	950	7000	3/4	1"1/2	184	180	155	355	25

565/5R 1 005650015

567/4R

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

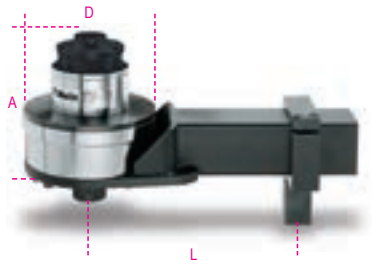


Nm	Kgfm	lbf.ft	□	■	D mm	A mm	L min mm	L max mm	kg
6000	600	4500	1/2	1"1/2	144	210	125	335	19

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 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, graduated
for right-hand tightening
torque accuracy: ±6%



UNI EN 26789
ISO 6789

Nm	gfm	○	g
0,3÷1,5	30÷150	1/4"	240

583/1,5 1 005830015

Nm	gfm	○	g
0,6÷3	60÷300	1/4"	240

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
Reading accuracy: ± 1% of read value

CE



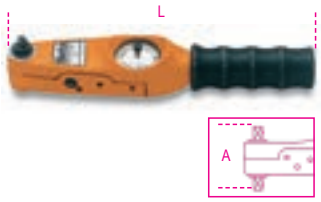
Nm	lbf.in	□	kg
1÷10	10÷90	1/4"	1,8

588 1 005880001

**Table of fields of use
for torque wrenches and bars
at end of price list**

590 - 592

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

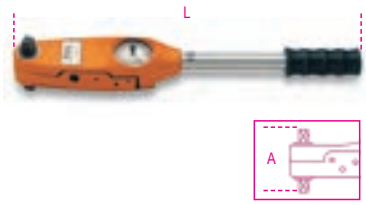
Nm	Kgfm	lbf.in	■	A mm	L mm	kg
3÷40	0,3÷4	20÷360	3/8	70	253	0,52

592/4 1 005920007

594

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

1/2"



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

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

596 - 598

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
80÷400	8÷40	60÷300	3/4	111	710	3,2

596/40SL 1 005960010

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

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)



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	0,9		
599DGT/6								1	005990003
20÷100	2÷20	15÷80	1/2	30	37	413	0,9		
599DGT/10X								1	005990010
40÷200	4÷20	30÷150	1/2	40	43	520	2		
599DGT/20								1	005990020
68÷340	6,8÷34	58÷280	1/2	40	43	539	2,35		
599DGT/30								1	005990030

599DGT-A

electronic torque wrench, torque and angle readout
right-hand (accuracy: +/-2%) and left-hand (accuracy: +/-3%) tightening
in plastic case

Reversible ratchet: allows for right-hand and left-hand tightening
Dual measurement mode: peak hold and track
Dual approach/stop signal: green LEDs, and, later, red ones, matched with a buzzer, inform user that set torque or angle has been reached
Internal data storage software: up to 9 torque/angle values can be preset
Antislip bi-material handle
Power supply: 2 AA - 1.5V batteries (included)



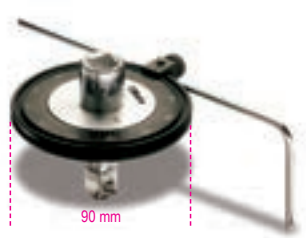
UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	kg		
20÷100	2÷10	15÷80	1/2	30	33	413	0,9		
599DGT-A/10								1	005990510
40÷200	4÷20	30÷150	1/2	40	43	520	1,3		
599DGT-A/20								1	005990520

Torque calibration service at end of price list

600

torque angle indicators



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

601C

digital tangle indicator

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



601C	1	006010100

85x80x87 mm - 70 g

601CA

digital torque and angle indicator

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



	□	■	Nm		
601CA	1/2"	1/2"	10÷200	1	006010120

120x90x120 mm - 240 g

603

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



UNI EN 26789
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
2÷10	0,2÷1,0	18÷90	1/4	35	195	235		
603/10							1	006030010

604B

break-back torque bars
for right-hand and left-hand tightening
torque accuracy: ± 6%



UNI EN 26789
ISO 6789

Nm	kgfm	lbf.in	Ø mm	L mm	g		
1÷5	0,1÷0,5	10÷45	8	220	290		
604B/5						1	006040015
2÷10	0,2÷1,0	18÷90	8	220	300		
604B/10						1	006040020

605E

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

1/4"

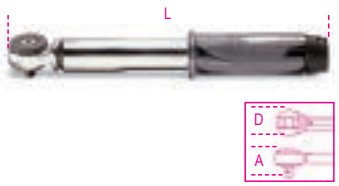


UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.in	■	A mm	L mm	g		
1÷5	0,1÷0,5	10÷45	1/4	20	190	180		
605E/5							1	006050105
2÷10	0,2÷1,0	18÷90	1/4	20	190	180		
605E/10							1	006050110

606/2 - 606/2X

click-type torque wrenches
with reversible ratchets
for right-hand tightening
torque accuracy: ±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
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: ±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
20÷100	2÷10	15÷80	3/8	30	33	345	660		
606/10								1	006060110
20÷100	2÷10	15÷80	1/2	30	37	345	680		
606/10X								1	006060111
40÷200	4÷20	30÷150	1/2	40	43	440	920		
606/20								1	006060120
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: ±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

611

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



■	L mm		
1/4	42,5	1	006110001

Torque calibration service at end of price list

612 ÷ 614

reversible ratchets for torque bars



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

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

614/50

push-through ratchet for torque bars



	■	L mm		
614/50	1/2	71	2	006140002

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

615

reversible ratchets
for torque bars, rectangular drive



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

616 - 617 - 619

fixed heads for torque bars



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

621

bit holder accessories
for torque bars, rectangular drive



	■ mm	⬡	L mm		
621P1/4	9x12	1/4	40	1	006210000
621P5/16	14x18	5/16	61	1	006210110

641

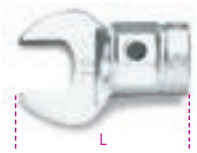
open jaw wrenches
for torque bars 604B/5 and 604B/10
8 mm drive



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

642

open jaw wrenches for torque bars



mm	L mm		
8	54	1	006420008
10	57	1	006420010
12	58	1	006420012
13	58	1	006420013
14	59	1	006420014
15	59	1	006420015
16	59	1	006420016
17	60	1	006420017
18	61	1	006420018
19	61	1	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
36	76	1	006420036
41	78	1	006420041
46	90	1	006420046

643

open jaw wrenches
for torque bars, rectangular drive



mm	■ mm	L mm		
8	9x12	37	1	006430008
10	9x12	39	1	006430010
12	9x12	39	1	006430012
13	9x12	39	1	006430013
14	9x12	43	1	006430014
15	9x12	43	1	006430015
16	9x12	43	1	006430016
17	9x12	43	1	006430017
18	9x12	47	1	006430018
19	9x12	51	1	006430019

mm	■ mm	L mm		
13	14x18	60	1	006430113
14	14x18	58	1	006430114
15	14x18	60	1	006430115
16	14x18	60	1	006430116
17	14x18	60	1	006430117
18	14x18	61	1	006430118
19	14x18	61	1	006430119
21	14x18	61	1	006430121
22	14x18	62	1	006430122
24	14x18	64	1	006430124
27	14x18	68	1	006430127
30	14x18	77	1	006430130
32	14x18	77	1	006430132
34	14x18	80	1	006430134
36	14x18	83	1	006430136

652

ring wrenches for torque bars



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

653

ring wrenches
for torque bars, rectangular drive



mm	■ mm	L mm		
8	9x12	40	1	006530008
10	9x12	43	1	006530010
12	9x12	44	1	006530012
13	9x12	44	1	006530013
14	9x12	45	1	006530014
15	9x12	46	1	006530015
16	9x12	47	1	006530016
17	9x12	47	1	006530017
18	9x12	48	1	006530018
19	9x12	49	1	006530019
22	9x12	52	1	006530022

mm	■ mm	L mm		
13	14x18	61	1	006530113
14	14x18	61	1	006530114
15	14x18	62	1	006530115
16	14x18	63	1	006530116
17	14x18	64	1	006530117
18	14x18	65	1	006530118
19	14x18	65	1	006530119
21	14x18	68	1	006530121
22	14x18	68	1	006530122
24	14x18	69	1	006530124
27	14x18	75	1	006530127
30	14x18	78	1	006530130
32	14x18	78	1	006530132
34	14x18	81	1	006530134
36	14x18	83	1	006530136

666N

click-type torque wrenches
with reversible ratchets,
for right-hand tightening,
torque accuracy: ±3%



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g		
10÷50	1÷5	7÷37	3/8	30	33	312	660	**666N/5**	1 006660005
20÷100	2÷10	15÷75	3/8	30	33	381	730	**666N/10**	1 006660010
20÷100	2÷10	15÷75	1/2	30	37	387	800	**666N/10X**	1 006660011
40÷200	4÷20	30÷150	1/2	40	43	470	1010	**666N/20**	1 006660020
60÷300	6÷30	50÷220	1/2	40	43	598	1380	**666N/30**	1 006660030

666N LBF.IN

click-type torque wrenches
with reversible ratchets,
for right-hand tightening
torque accuracy: ±3%

• **Scale in pounds force per inch**



UNI EN 26789
ISO 6789

lbf.in	■	D mm	A mm	L mm	g		
90÷440	3/8	30	33	312	660	**666N LBF.IN/5**	1 006660055
200÷800	3/8	30	33	381	730	**666N LBF.IN/10**	1 006660070
200÷800	1/2	30	37	387	800	**666N LBF.IN/10X**	1 006660071
400÷1800	1/2	40	43	470	1010	**666N LBF.IN/20**	1 006660072
500÷3000	1/2	40	43	598	1380	**666N LBF.IN/30**	1 006660073

667N

click-type torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ±3%



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	470	1010	**667N/20**	1 006670020
60÷300	6÷30	50÷220	1/2	40	43	598	1380	**667N/30**	1 006670030
80÷400	8÷40	60÷295	3/4	50	50	711	2090	**667N/40**	1 006670040

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

668N

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



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	g		
10÷50	1÷5	7÷37	16	307	590	**668N/5**	1 006680005
20÷100	2÷10	15÷75	16	376	670	**668N/10**	1 006680010
40÷200	4÷20	30÷150	16	450	795	**668N/20**	1 006680020
60÷300	6÷30	50÷220	16	588	1230	**668N/30**	1 006680030

668RG

click-type torque bar, ungraduated
for right-hand and left-hand tightening
torque accuracy: ± 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
20÷100	2÷10	15÷80	16	315	600

668RG/10 — 1 — 006680210

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
40÷200	4÷20	30÷150	16	405	780

668RG/20 — 1 — 006680220

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
60÷300	6÷30	50÷220	16	645	1130

668RG/30 — 1 — 006680230

669N

click-type torque bars,
rectangular drive,
for right-hand and left-hand tightening,
torque accuracy: ±3%



UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	g
10÷50	1÷5	7÷37	9x12	307	590

669N/5 — 1 — 006690205

Nm	Kgfm	lbf.ft	□ mm	L mm	g
20÷100	2÷10	15÷75	9x12	376	670

669N/10 — 1 — 006690210

Nm	Kgfm	lbf.ft	□ mm	L mm	g
40÷200	4÷20	30÷150	9x12	450	795

669N/20 — 1 — 006690220

Nm	Kgfm	lbf.ft	□ mm	L mm	g
40÷200	4÷20	30÷150	14x18	450	795

669N/20X — 1 — 006690221

Nm	Kgfm	lbf.ft	□ mm	L mm	g
60÷300	6÷30	50÷220	14x18	588	1230

669N/30 — 1 — 006690230

671B/C5

torque bar item 604B/5 and accessories

1/4"



671B/C5 — 1 — 006710001

	604B/5	1÷5 Nm
	611	1/4
	641	5-6-7-8 mm
	900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,3 kg

671B/C10

torque bar item 604B/10 and accessories

1/4"



671B/C10 — 1 — 006710002

	604B/10	2÷10 Nm
	611	1/4
	641	6-7-8-10 mm
	900	4-5-5,5-6-7-8-9-10 mm

270x120x45 mm - 1,4 kg

671N/C10

torque bar 668N/10
and accessories

3/8"



671N/C10 — 1 — 006710110

	668N/10	100 Nm
	612	■ 3/8
	617	■ 3/8
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	910A	□ 3/8 8-10-11-13-14-17-19 mm
	910/21	125 mm
	910/22	250 mm

400x180x45 mm - 4,3 kg

671N/C20

torque bar 668N/20
and accessories

1/2"



671N/C20 — 1 — 006710120

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

510x180x45 mm - 5,5 kg

671N/C30

torque bar 668N/30
and accessories

1/2"



671N/C30 — 1 — 006710130

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

620x180x45 mm - 5,8 kg

677

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

3/4"



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	1	006770050
677/50								

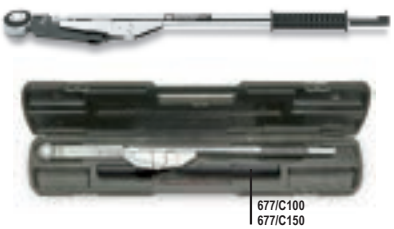
Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
150÷700	15÷70	100÷500	70	55	1140	6,2	1	006770070
677/70								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
300÷1000	30÷100	200÷750	70	55	1470	7,5	1	006770100
677/100								

677/C

break-back torque wrenches
with push-through ratchets,
for right-hand and left-hand tightening,
torque accuracy: ±4%
in case

3/4"



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	1	006770606
677/C50								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
150÷700	15÷70	100÷500	70	55	1140	6,2	1	006770611
677/C70								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
300÷1000	30÷100	200÷750	70	55	1470	7,5	1	006770615
677/C100								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
700÷1500	70÷150	500÷1000	70	70	1475	10,4	1	006770620
677/C150								

677/CP200

break-back torque wrenches
with push-through ratchets
for right-hand and left-hand tightening
torque accuracy: ± 4%
in case

1"



UNI EN 26789
ISO 6789

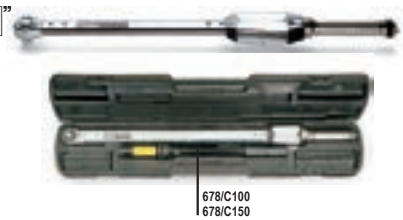
Nm	kgfm	lbf.in	D mm	A mm	L mm	kg		
900÷2000	90÷200	600÷1500	70	63	1920	13	1	006770720
677/CP200								

Torque calibration service at end of price list

678/C

click-type torque wrenches
with push-through ratchets
for right-hand and left-hand tightening
torque accuracy: ±4%
in case

3/4"



Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
110÷550	11÷55	80÷405	61	55	845	3,7	1	006780606
678/C55								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
300÷1000	30÷100	220÷750	75	60	1250	6,0	1	006780611
678/C100								

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg		
500÷1500	50÷150	370÷1100	75	60	1570	8,5	1	006780615
678/C150								

677/CV - 678/CV

empty cases for torque wrenches
items 677 and 678



677/CV1 677/C50-677/C70	1	006770450
678/CV1 678/C55	1	006780455
678/CV2 678/C100	1	006780500
678/CV3 677/C100-677/C150-678/C150	1	006780415

680

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

Specifications:
4-digit display
Accuracy: ±1%
Supplied with output RS232 for PC connection and data transmission

CE







	Nm	kg		
680/2,5	1÷25	2,6	1	006800002
680/40	15÷400	4	1	006800040
680/100	100÷1000	4,8	1	006800100

682

electronic digital torque meter
with transducer Dynatester 682
to be used either clockwise
or anticlockwise
Remarkable reading accuracy
Supplied with serial output RS 232 for printers



TECHNICAL FEATURES
Reading accuracy
± 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

3/8"



UNI/ISO 2725 DIN 3129

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

710/16

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

3/8"



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

710/20

3/8" drive impact extension bar

3/8"



L mm	Ø mm		
75	22	2	007100821

710/21

3/8" drive impact extension bar

3/8"



L mm	Ø mm		
125	22	2	007100823

710/25

3/8" drive impact universal joint

3/8"



L mm	Ø mm		
58	24	2	007100830

710/C10

10 impact sockets

3/8"



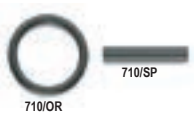
710/C10 7-8-10-11-12-13 14-17-19-22 mm	1	007100910

130x55x40 mm - 800 g

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

rubber O-rings and locking pins
for impact sockets

3/8"



	710 mm	710/16 L mm		
710/OR1	7÷12		10	007100921
710/OR2	13÷22	32	10	007100922
710/SP1	7÷12		10	007100911
710/SP2	13÷22	32	10	007100912

720

impact sockets, standard series

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



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

720L

impact sockets, long series



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



mm		
17-19-21	1	007200355

720LS

impact sockets,
long, slim series



UNI/ISO 2725

mm	Ø mm	L mm	Ø1 mm		
10	15,5	78	24	2	007200360
11	16,7	78	24	2	007200361
12	18,0	78	24	2	007200362
13	19,2	78	24	2	007200363
14	20,5	78	24	2	007200364
15	21,7	78	24	2	007200365
16	23,0	78	24	2	007200366
17	24,2	78	29	2	007200367
18	25,5	78	29	2	007200368
19	26,7	78	29	2	007200369
21	29,2	78	29	2	007200371
22	30,5	78	29	2	007200372
24	33,0	78	29	2	007200374
27	36,7	78	29	2	007200377
30	40,5	78	29	2	007200380
32	43,0	78	29	2	007200382
36	48,0	78	29	2	007200386

720LC

wheel nut impact sockets,
with coloured polymeric inserts



mm	D mm			
17	24,8		2	007200637
19	26,8		2	007200639
21	28,6		2	007200641
22	30,7		2	007200642
24	32,9		2	007200644



720LC/C3 1 007200653
17-19-21 mm

148x132x44 mm - 860 g



720LC/S5 1 007200645
17-19-21-22-24 mm

720IC

spare coloured polymeric inserts for impact sockets 720LC



	mm			
720IC17	17		1	007200687
720IC19	19		1	007200689
720IC21	21		1	007200691
720IC22	22		1	007200692
720IC24	24		1	007200694

720MRC

impact socket
with polymeric insert for Mercedes wheel screw



mm	D mm	L mm	□		
19	27	85	1/2	1	007200631

720FTX

impact sockets, for Torx® head screws



	Ø mm	L mm	Ø1 mm		
E10	14,0	38	25	2	007200410
E12	15,9	38	25	2	007200412
E14	17,7	38	25	2	007200414
E16	20,0	38	25	2	007200416
E18	22,0	38	25	2	007200418
E20	25,0	40	25	2	007200420



720FTX/SB6 1 007200450
E10-E12-E14
E16-E18-E20

720TX

impact socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T30	25	78	54	3	007200460
T40	25	78	54	3	007200470
T45	25	78	54	3	007200472
T50	25	78	54	3	007200474
T55	25	78	54	3	007200476
T60	25	78	54	3	007200478

720TX/C6

6 impact socket drivers for Torx® head screws

1/2"



720TX/C6 T30-T40-T45 T50-T55-T60	1	007200483

275x120x65 mm - 5700 g

720ME

impact socket drivers for hexagon screws

1/2"



mm	Ø mm	L mm	L1 mm		
5	25	78	54	3	007200505
6	25	78	54	3	007200506
8	25	78	54	3	007200508
10	25	78	54	3	007200510
12	25	78	54	3	007200512
14	25	78	54	3	007200514
17	25	78	54	3	007200517
19	25	78	54	3	007200519

720ME/C8

8 impact socket drivers for hexagon screws

1/2"



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

1/2"



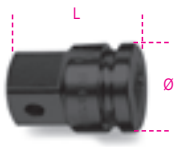
L mm	Ø mm	□	■		
37,5	25	1/2	3/8	3	007200810

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

1/2"



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

720/20

1/2" drive impact extension bar

1/2"



L mm	Ø mm		
75	25	3	007200818

720/21

1/2" drive impact extension bar

1/2"



L mm	Ø mm		
125	25	3	007200822

720/25

1/2" drive impact universal joint

1/2"



L mm	Ø mm		
64	28	2	007200831

720/C6

6 impact sockets

1/2"



720/C6 13-14-17-19-22-24 mm	1	007200910

195x80x55 mm - 1100 g

720/C12

12 impact sockets

1/2"



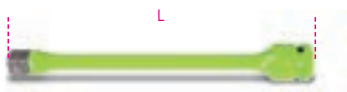
720/C12 10-11-12-13-14-17 19-22-24-27-30-32 mm	1	007200912

195x80x55 mm - 2000 g

720TC

impact torsion bars, coloured, for motor vehicle wheel nuts, with 1/2" male and female square drives

1/2"



Nm	L mm			
90	200		1	007200769
100	200		1	007200770
110	200		1	007200771
120	200		1	007200772
135	200		1	007200773

1/2"



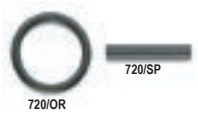
720TC/S5 90-100-110-120-135 Nm	1	007200779

260x50x175 mm - 1,35 kg

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

rubber O-rings and locking pins for impact sockets

1/2"



	720 mm	720TX		
720/OR1	10÷14	T30÷T60	10	007200923
720/OR2	15÷32		10	007200924
720/SP1	10÷14	T30÷T60	10	007200913
720/SP2	15÷32		10	007200914

727PI/16

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

3/4"



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

727/ES16

impact hexagon bits, 16 mm drive



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



⭘	⬢ 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	⬡ mm		
54	70	22	2	007270022

727/ES22

impact hexagon bits, 22 mm drive



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



⭘	⬢ 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	⬡ mm		
86	66	32	1	007270032

727/ES32

impact hexagon bit, 32 mm drive



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

mm	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
27	42,5	53	44	2	007280027
28	44,0	53	44	2	007280028
30	46,0	53	44	2	007280030
32	48,5	57	44	2	007280032
33	50,0	57	44	2	007280033
34	51,0	57	44	2	007280034
35	52,5	57	44	2	007280035
36	53,5	57	44	2	007280036
38	56,0	57	44	1	007280038
40	58,5	58	44	1	007280040
41	60,0	58	44	1	007280041
44	64,0	62	44	1	007280044
45	65,0	62	44	1	007280045
46	66,0	62	44	1	007280046
50	71,0	68	54	1	007280050
55	77,5	71	54	1	007280055
60	83,0	73	54	1	007280060
65	88,0	78	54	1	007280065

728FTX

impact sockets, for Torx® head screws

3/4"



⭘	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

3/4"



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	1	007280333
34	51,0	90	44	1	007280334
36	53,5	90	44	1	007280336
38	56,0	90	44	1	007280338
41	60,0	90	44	1	007280341
46	66,0	90	44	1	007280346
50	71,0	90	44	1	007280350
55	77,5	100	54	1	007280355

728LS

impact sockets, long slim series

3/4"



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	1	007280536

728LQ

impact sockets, long series

(for ISUZU wheel nuts)

3/4"



□ 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

3/4"



L mm	Ø mm	□	■		
58	38	3/4	1/2	2	007280810

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

728/16

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

3/4"



L mm	Ø mm	□	■		
62	44	3/4	1	2	007280813

728/21

3/4" drive impact extension bar

3/4"



L mm	Ø mm		
175	44	2	007280815

728/22

3/4" drive impact extension bar

3/4"



L mm	Ø mm		
250	44	2	007280825

728/22L

3/4" drive impact extension bar

3/4"



L mm	Ø mm		
330	44	1	007280826

728/25

3/4" drive impact universal joint

3/4"



L mm	Ø mm		
107,5	44	1	007280830

728/C10

10 impact sockets

3/4"



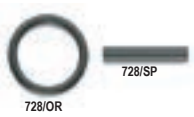
728/C10 17-19-22-24-27-30 32-36-41-46 mm	1	007280910

275x120x65 mm - 5,7 kg

728/OR - 728/SP

rubber O-rings and locking pins for impact sockets

3/4"



	728 mm	728FTX		
728/OR	728/15		5	007280925
728/OR	17÷46	E20÷E24	10	007280926
728/SP	17÷46	E20÷E24	10	007280916

729

impact sockets, standard series

1"



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

1"



mm	Ø mm	L mm	Ø1 mm		
24	41,5	108	54	1	007290324
27	45,0	108	54	1	007290327
30	49,0	108	54	1	007290330
32	51,5	108	54	1	007290332
33	52,2	108	54	1	007290333

mm	Ø mm	L mm	Ø1 mm		
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

1”



mm	Ø mm	L mm	Ø1 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

1”

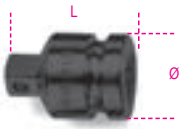


mm	Nm	L mm		
24	350	300	1	007290724
27	450	300	1	007290757
30	500	300	1	007290730
32	450	300	1	007290732
32	600	300	1	007290762
33	600	300	1	007290763
36	600	300	1	007290736

729/15

impact adaptor, 1” female and 3/4” male drives

1”



L mm	Ø mm	□	■		
66,5	54	1	3/4	1	007290810

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

729/16

impact adaptor, 1” female and 1.1/2” male drives

1”



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

729/21

1” drive impact extension bar

1”



L mm	Ø mm		
175	54	1	007290815

729/22

1” drive impact extension bar

1”



L mm	Ø mm		
330	54	1	007290825

729/25

1” drive impact universal joint

1”

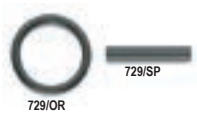


L mm	Ø mm		
130	54	1	007290830

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

rubber O-rings and locking pins for impact sockets

3/4”
1”
1.1/2”



	728 mm	729-730 mm		
729/OR1	50÷60	24÷70	5	007290927
729/OR2		75÷125	5	007290928
729/SP1	50÷60	24÷70	5	007290917
729/SP2		75÷125	5	007290918

730

impact sockets, standard series

1.1/2”



UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 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

mm	Ø mm	L mm	Ø1 mm		
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

1.1/2”



L mm	Ø 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

2.1/2”



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

851

magnetic bit holder with handle

14

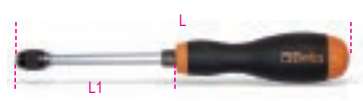


L1 mm	L mm		
45	165	2	008510165
125	245	2	008510245

851SR

quick release bit holder with handle

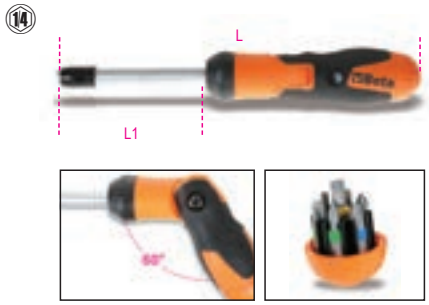
14



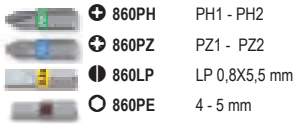
L mm	L1 mm		
230	110	2	008510001

855P

reversible ratchet bit holder with articulated handle, and 7 built-in bits



L mm	L1 mm		
240	100	1	008550010



860PH	PH1 - PH2	
860PZ	PZ1 - PZ2	
860LP	LP 0,8X5,5 mm	
860PE	4 - 5 mm	

860LP

bits for slotted head screws, coloured



ISO 2351-1
ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	5	008600005
0,6x4,5	25	5	008600010
0,8x5,5	25	5	008600015
1x5,5	25	5	008600020
1,2x6,5	25	5	008600025

860PH

bits for cross head Phillips® screws, coloured



ISO 2351-2
ISO 1173 C 6,3

PH	L mm		
0	25	5	008600220
1	25	5	008600225
2	25	5	008600230
3	25	5	008600245
4	25	5	008600250

860PZ

bits for cross head Pozidriv® - Supadriv® screws, coloured



ISO 2351-2
ISO 1173 C 6,3

PZ	L mm		
1	25	5	008600320
2	25	5	008600325
3	25	5	008600330
4	25	5	008600335

860PE

hexagon bits for power drivers, coloured



ISO 2351-3
ISO 1173 C 6,3

mm	L mm		
2	25	5	008600101
2,5	25	5	008600102
3	25	5	008600103
4	25	5	008600104
5	25	5	008600105
6	25	5	008600106
8	25	5	008600108
10	25	5	008600110

860TX

bits for Torx® head screws, coloured



ISO 1173 C 6,3

	L mm		
T6	25	5	008600704
T7	25	5	008600705
T8	25	5	008600710
T9	25	5	008600715
T10	25	5	008600720
T15	25	5	008600725
T20	25	5	008600730
T25	25	5	008600735
T27	25	5	008600740
T30	25	5	008600745
T40	25	5	008600750

860RTX

bits for Tamper Resistant Torx® head screws, coloured



ISO 1173 C 6,3

	L mm		
T9	25	5	008600550
T10	25	5	008600555
T15	25	5	008600560
T20	25	5	008600565
T25	25	5	008600570
T27	25	5	008600575
T30	25	5	008600580
T40	25	5	008600585

860/55

reversible bit ratchet



L mm			
100	1/4	3	008600870

860/58

bit ratchet with rotating handle

- Bit can be fitted onto both sides, for screwing or unscrewing
- Bi-material handle







	L mm			
860/58	126	1/4"	1	008600884

860/C27

25 bits,1 connector and 1 reversible ratchet in plastic case



860/C27	1	008600880



860/55	100 mm	
860LP	0,5x3-1,0x5,5-1,2x6,5 mm	
860PH	PH1-PH2(x2)-PH3	
860PZ	PZ1-PZ2(x2)-PZ3	
860PE	2-2,5-3-4-5-6 mm	
860TX	T6-T8-T10-T15-T20-T25-T30-T40	
892/0	⬢ 1/4 ■ 1/4	

860PHZ/A10

set of 10 bits with magnetic bit holder in plastic case



860PHZ/A10	1	008600910



		n.
860PH	PH1	1
	PH2	3
	PH3	1
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

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

860PE/A10

set of 10 bits with magnetic bit holder in plastic case



860PE/A10 — 1 — 008600920

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

860TX/A10

set of 10 bits with magnetic bit holder in plastic case



860TX/A10 — 1 — 008600970

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

860TX/A31

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



860TX/A31 — 1 — 008600972

			n.
860TX	T6 - T7 - T8		2
	T9 - T10 - T15 - T20 - T25		3
	T27 - T30 - T40		
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

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

860RTX/A10

set of 10 bits with magnetic bit holder in plastic case



860RTX/A10 — 1 — 008600930

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

860MIX/A10

set of 10 bits with magnetic bit holder in plastic case



860MIX/A10 — 1 — 008600900

			n.
860LP	0,5x3 - 1x5,5 - 1,2x6,5 mm		1
860PH	PH1		1
	PH2		2
	PH3		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

			n.
860LP	0,5x3 - 0,6x4 - 0,8x5,5		
	1,0x5,5 - 1,2x6,5 mm		
860PE	2 - 2,5 - 3 - 4 - 5 - 6		
	8 - 10 mm		
860PH	PH0 - PH1 - PH2 - PH3 - PH4		
860PZ	PZ1 - PZ2 - PZ3 - PZ4		
860RTX	T9 - T10 - T15 - T20		
	T25 - T27 - T30 - T40		
882MSR/50	⎔ 1/4 ⬢ 1/4		

860/C38P

1 reversible ratchet bit holder with articulated handle, 27 bits, 8 hexagon sockets and 2 accessories



	1	
860/C38P		008600878



860LP	0,6x4,5 - 0,8x5,5 - 1,0x5,5 - 1,2x6,5 mm
860PE	2-2,5-3-4(x2)-5(x2)
860PH	PH1(x2)-PH2(x2)-PH3
860PZ	PZ1(x2)-PZ2(x2)-PZ3
860TX	T10-T15-T20-T25-T30-T40
900	5-5,5-6-7-8-9-10-13 mm
892/0	● 1/4 ■ 1/4
892/3	● 1/4 ■ 1/4
855P	240 mm

270x120x45 mm

861LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 6,3

SxA mm	L mm		
0,5x3	25	10	008610005
0,6x4	25	10	008610007
0,6x4,5	25	10	008610010
0,8x5,5	25	10	008610015
1x5,5	25	10	008610020
1,2x6,5	25	10	008610025
1,2x8	25	10	008610028
1,6x8	25	10	008610030

861PH

bits for cross head Phillips® screws



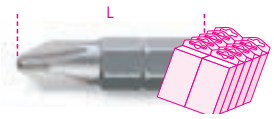
ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	10	008610200
1	25	10	008610205
2	25	10	008610210
2L	50	10	008610213
3	25	10	008610215
4	25	10	008610220

861PH/C

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 6,3

PH	L mm		
0	25	200	008610250
1	25	200	008610255
2	25	200	008610260
2L	50	100	008610263
3	25	200	008610265
4	25	100	008610270

861PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	10	008610300
2	25	10	008610305
2L	50	10	008610308
3	25	10	008610310
4	25	10	008610315

861PZ/C

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 6,3

PZ	L mm		
1	25	200	008610350
2	25	200	008610355
2L	50	100	008610358
3	25	200	008610360
4	25	100	008610365

861PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 6,3

mm	L mm		
2	25	10	008610100
2,5	25	10	008610105
3	25	10	008610110
4	25	10	008610115
5	25	10	008610120
6	25	10	008610125
8	25	10	008610130
10	25	10	008610135

861TX

bits for Torx® head screws

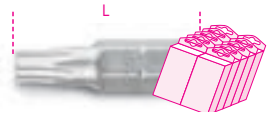


ISO 1173 C 6,3

T	L mm		
T5	25	10	008610399
T6	25	10	008610400
T7	25	10	008610405
T8	25	10	008610410
T9	25	10	008610415
T10	25	10	008610420
T15	25	10	008610425
T20	25	10	008610430
T25	25	10	008610435
T27	25	10	008610440
T30	25	10	008610445
T40	25	10	008610450

861TX/C

bits for Torx® head screws



ISO 1173 C 6,3

T	L mm		
T10	25	200	008610470
T15	25	200	008610475
T20	25	200	008610480
T25	25	200	008610485
T27	25	200	008610490
T30	25	200	008610495
T40	25	200	008610499

861RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 6,3

T	L mm		
T7	25	10	008610538
T9	25	10	008610500
T10	25	10	008610505
T15	25	10	008610510
T20	25	10	008610515
T25	25	10	008610520
T27	25	10	008610525
T30	25	10	008610530
T40	25	10	008610535
T45	25	10	008610539

861RIBE

bits for RIBE® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610705
M6	25	10	008610706
M7	25	10	008610707
M8	25	10	008610708
M9	25	10	008610709

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

861XZN

bits for XZN® screws



ISO 1173 C 6,3

	L mm		
M5	25	10	008610725
M6	25	10	008610726
M8	25	10	008610728

861/C61P

61 bits and 1 magnetic quick release bit holder



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



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



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 Phillps® screws



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



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



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



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



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



ISO 1173 E 6,3

mm	L mm	Ø mm		
5,5	65	11	5	008620405
6	65	11	5	008620406
7	65	11	5	008620407
8	65	13	5	008620408
10	65	15	5	008620410
12	65	18	5	008620412
13	65	18	5	008620413

862F/A7

7 magnetic bits, hexagon sockets, in plastic case



862F/A7	1	008620950



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

866LP

bits for slotted head screws



ISO 2351-1

ISO 1173 C 8

SxA mm	L mm		
1x5,5	41	10	008660005
1,2x6,5	41	10	008660010
1,6x8	41	10	008660015
1,6x10	41	10	008660020
2x12	41	10	008660025

866PH

bits for cross head Phillips® screws



ISO 2351-2

ISO 1173 C 8

PH	L mm		
1	32	10	008660200
2	32	10	008660205
3	32	10	008660210
4	38	10	008660215

866PZ

bits for cross head Pozidriv®-Supadriv® screws



ISO 2351-2

ISO 1173 C 8

PZ	L mm		
1	32	10	008660300
2	32	10	008660305
3	32	10	008660310
4	38	10	008660315

866PE

hexagon bits for power drivers



ISO 2351-3

ISO 1173 C 8

mm	L mm		
3	30	10	008660100
4	30	10	008660105
5	30	10	008660110
6	30	10	008660115
7	30	10	008660117
8	30	10	008660120
10	30	10	008660125
12	30	10	008660132
14	30	10	008660134

866TX

bits for Torx® head screws



ISO 1173 C 8

	L mm		
T20	30	10	008660400
T25	30	10	008660405
T27	30	10	008660410
T30	30	10	008660415
T40	30	10	008660420
T45	30	10	008660425
T50	30	10	008660430
T55	30	10	008660435
T60	30	10	008660440
T70	30	10	008660445

866RTX

bits for Tamper Resistant Torx® head screws



ISO 1173 C 8

	L mm		
T40	30	10	008660520
T45	30	10	008660525
T50	30	10	008660530
T55	30	10	008660535
T60	30	10	008660540
T70	30	10	008660545

867PE

hexagon bits



mm	L mm		
4	30	5	008670104
5	30	5	008670105
6	30	5	008670106
7	30	5	008670107
8	30	5	008670108
10	30	5	008670110
12	30	5	008670112

867PE/L

hexagon bits



mm	L mm		
4	75	5	008670154
5	75	5	008670155
6	75	5	008670156
7	75	5	008670157
8	75	5	008670158
10	75	5	008670160
12	75	5	008670162

867XZN

bits with XZN® profile



	L mm		
M4	30	5	008670204
M5	30	5	008670205
M6	30	5	008670206
M8	30	5	008670208
M10	30	5	008670210
M12	30	5	008670212

867XZN/L

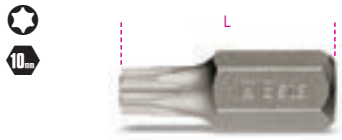
bits with XZN® profile



○	L mm		
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		
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

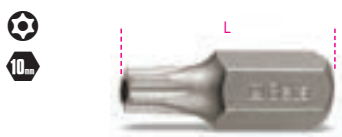
bits for Torx® head screws



✪	L mm		
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/...

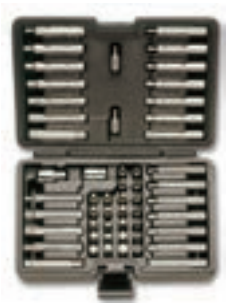
bit holder sockets for item 867



	⎔ mm	□	L mm	Ø 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 E 6,3

L mm	○	⬢	Ø mm		
57	1/4	1/4	11	5	008820001

882M1

magnetic bit holder



ISO 1173 E 6,3

L mm	○	⬢	Ø mm		
50	1/4	1/4	11	5	008820006

882M

magnetic bit holder



ISO 1173 E 6,3

L mm	○	⬢	Ø mm		
75	1/4	1/4	11	5	008820005

882MSR

magnetic quick release bit holder for drivers



ISO 1173 E 6,3

L mm	○	⬢	Ø 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	⬢	○	Ø mm		
80	1/4	1/4	10	5	008820080

892
adaptors for drivers



	■	●	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
892/7	1/2	1/4	75	5 008920007

*** ISO 1173 A 5,5**
° ISO 1173 C 6,3

895
socket holder for bits
item 861 - 862 - 866



DIN 7427

	○	□	L mm	Ø mm	
895/1	1/4	1/4	25,4	12	5 008950000
895/3	1/4	3/8	29	16,8	5 008950001
895/4	5/16	3/8	29	16,8	5 008950002
895/5	1/4	1/2	38	22	5 008950005
895/6	5/16	1/2	38	22	5 008950003

897
flexible bit holder with handle



L mm	L1 mm	
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 1 009000150
4-4,5-5-5,5-6-7-8-9
10-11-12-13-14 mm

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 1 009000179
4-5-5,5-6-7-8-9-10
11-12-13-14 mm

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 1 009000203
4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm

900MB/L
bi-hex hand sockets, long series



UNI/ISO 2725 DIN 3124

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

900AS
hexagon hand sockets



	Ø mm	L mm	Ø1 mm		
5/32	8,8	25	11,9	5	009000349
3/16	7,7	25	11,9	5	009000340
7/32	8,8	25	11,9	5	009000345
1/4	9,6	25	11,9	5	009000350
9/32	10,2	25	11,9	5	009000355
5/16	11,3	25	11,9	5	009000360
11/32	12,7	25	11,6	5	009000365
3/8	14,0	25	12,9	5	009000370
7/16	15,3	25	14,5	5	009000375
1/2	17,5	25	16,4	5	009000380
9/16	19,0	25	17,9	5	009000385



900AS/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	2	009000390
7/32	8,6	22	10,0	2	009000391
1/4	9,6	22	10,0	2	009000392
9/32	10,0	22	10,0	2	009000393
5/16	11,9	22	11,9	2	009000394
11/32	12,0	22	12,0	2	009000395
3/8	13,9	22	13,9	2	009000396
7/16	15,2	22	15,2	2	009000397
1/2	17,2	22	17,2	2	009000398
9/16	19,0	24	19,0	2	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	2	009000325
3/16	8,0	50	12,0	2	009000326
7/32	8,5	50	12,0	2	009000327
1/4	9,8	50	12,0	2	009000328
9/32	10,9	50	12,0	2	009000329
5/16	11,6	50	12,0	2	009000330
11/32	13,0	50	12,0	2	009000331
3/8	14,3	50	12,8	2	009000332
7/16	16,0	50	14,2	2	009000333
1/2	18,0	50	16,2	2	009000334
9/16	19,0	50	17,1	2	009000335

900FTX

hand sockets for Torx® head screws



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



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

900LP

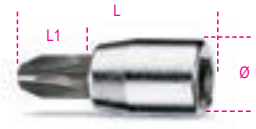
socket drivers for slotted head screws



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

900PH

socket drivers
for cross head Phillips® screws



PH	Ø mm	L mm	L1 mm		
1	12	28	12	5	009000701
2	12	28	12	5	009000702
3	12	28	12	5	009000703
4	13	28	11	5	009000704

900ME

socket drivers for hexagon screws



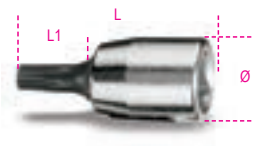
mm	Ø mm	L mm	L1 mm		
2,5	12	25	4,5	5	009000502
3	12	25	5,0	5	009000503
4	12	25	5,6	5	009000504
5	12	25	6,3	5	009000505
6	12	25	7,6	5	009000506
7	13	25	7,2	5	009000507
8	13	25	8,0	5	009000508
10	13	25	8,7	5	009000510



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

900PT

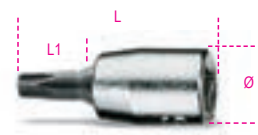
socket drivers for 5-star head screws



	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

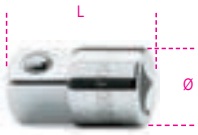


900TX/SB8 T9-T10-T15-T20 T25-T27-T30-T40	1	009000730

900/16

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

1/4”



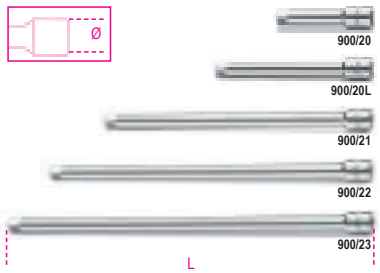
UNI/ISO 3316 DIN 3123

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

900/...

1/4” female and male drive extension bars

1/4”



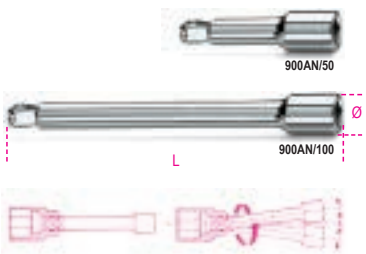
UNI/ISO 3316 DIN 3123

	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”

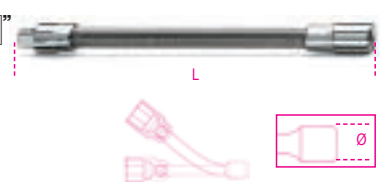


	L mm	Ø mm		
900AN/50	50	11,5	3	009000825
900AN/100	100	11,5	3	009000826

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”



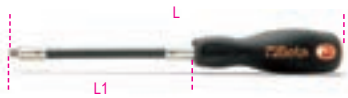
UNI/ISO 3315 DIN 3122

L mm	L1 mm		
176	68	5	009000834

900/32

1/4” drive flexible handle

1/4”

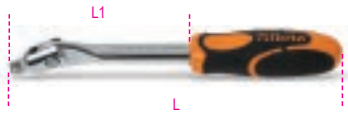


L mm	L1 mm		
280	154	2	009000839

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”



UNI/ISO 3315 DIN 3122

L mm		
130	3	009000845

900/40

1/4” drive swivel T-handle

1/4”



L mm	L1 mm		
390	145	3	009000843

900/42

1/4” drive sliding T-handle

1/4”



UNI/ISO 3315 DIN 3122

L mm	A mm		
115	22	5	009000854

900T/44

1/4" male drive, bent, with high torque handle

1/4”



L mm	L1 mm		
238	105	2	009000860

900/55

1/4” drive reversible ratchet, 48 teeth

1/4”



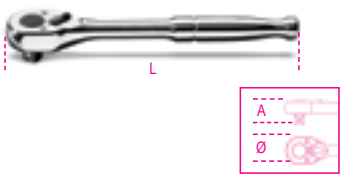
UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
125	25	18	5	009000870

900M/55

1/4” drive reversible ratchet with metal handle

1/4”



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
110	22	18	3	009000905

900/58

1/4" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- Socket release button
- Ring nut reversal system on ratchet head
- Bi-material handle



L mm	Ø mm	A mm		
126	28	28,5	2	009000884

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

900/C39

11 hexagon sockets, 21 bits and 7 accessories



900/C39 — 1 009000937

861LP	0,6x4,5 - 1,2x6,5 - 1,2x8 mm
861PH	PH1-PH2-PH3
861PZ	PZ1-PZ2-PZ3
861PE	2,5-3-4-5-6 mm
861RTX	T10-T15-T20-T25-T27-T30-T40
900	5-5,5-6-7-8-9-10-11-12-13-14 mm
900/20	50 mm
900/20L	100 mmm
900/25	
900BG/30C	
900/55	
892/0	
895/1	

900/C11

11 hexagon sockets, 20 bits
and 8 accessories



900/C11 — 1 009000971

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

270x120x45 mm - 1,2 kg

900/C13-5

13 hexagon sockets and 5 accessories



900/C13-5 — 1 009000953

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
900/21	150 mm
900/25	
900BG/30	
900/42	
900/55	

270x120x45 mm - 1 kg

900/C13-8

13 hexagon sockets and 8 accessories



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



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

1/4"



900/C24 — 1 — 009000956

900	4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 10 - 11 - 12 - 13 - 14 mm
900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
900PH	PH1 - PH2 - PH3
900ME	3 - 4 - 5 - 6 - 8 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900MB/C28

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

1/4"



900MB/C28 — 1 — 009000979

900MB	5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm
900LP	0,8x4 - 1,2x6,5 - 1,2x8 mm
900PH	PH1 - PH2 - PH3
900ME	3 - 4 - 5 - 6 - 8 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900AS/C10 - /MB-C17

10 sockets and 7 accessories

1/4"



900AS/C10 — 1 — 009000961

900AS	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/35A	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900AS/MB-C17 — 1 — 009000981

900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/35A	
900/42	
900/55	

270x120x45 mm - 1,1 kg

900AS/C17-MBM

10 bi-hex sockets
and 7 accessories
for aeronautical maintenance

1/4"



900AS/C17-MBM — 1 — 009000982

900AS/MB	3/16 - 7/32 - 1/4 - 9/32 - 5/16 11/32 - 3/8 - 7/16 - 1/2 - 9/16
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900M/35	
900/42	
900M/55	

270x120x45 mm - 1,2 kg

900/C11HR

11 hexagon sockets,
20 bits and 7 accessories
in hard foam tray,
in metal case

- ratchet with rotating handle

1/4"



900/C11HR — 1 — 009000980

861LP	0,5x3-0,8x5,5-1x5,5-1,2x6,5 mm
861PH	PH0-PH1-PH2-PH3
861PE	3-4-5-6-8 mm
861TX	T8-T10-T15-T20-T25-T30-T40
895/1	
900	5-5,5-6-7-8-9-10-11-12-13-14 mm
900/16	□ 1/4 - ■ 3/8
900/20	50 mm
900/21	150 mm
900/25	
900/42	
900/30	
900/58	

350x150x50 mm - 1,3 kg

902R/C6

6 adaptors for socket drivers



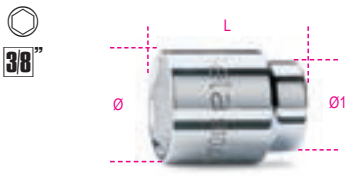
902R/C6 — 1 — 009020814

900/16	□ 1/4 - ■ 3/8
910/15	□ 3/8 - ■ 1/4
910/16	□ 3/8 - ■ 1/2
920/15	□ 1/2 - ■ 3/8
920/16	□ 1/2 - ■ 3/4
928/15	□ 3/4 - ■ 1/2

170x100x35 mm - 600 g

910A

hexagon hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
6	9,5	28	16,7	5	009100006
7	10,7	28	16,7	5	009100007
8	12,1	28	16,7	5	009100008
9	13,2	28	16,7	5	009100009
10	14,6	29	16,7	5	009100010
11	15,8	29	16,7	5	009100011
12	17,2	30	17,7	5	009100012
13	18,4	31	17,0	5	009100013
14	19,7	32	17,5	5	009100014
15	20,9	32	18,0	5	009100015
16	22,2	33	18,5	5	009100016
17	23,2	33	19,0	5	009100017
18	24,7	34	20,0	5	009100018
19	25,8	35	21,0	5	009100019
20	27,2	35	22,0	5	009100020
21	28,2	36	23,0	5	009100021
22	29,7	37	24,0	5	009100022



910A/SB17 — 1 009100030
6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22 mm

910B

bi-hex hand sockets



UNI/ISO 2725 DIN 3124

mm	Ø mm	L mm	Ø1 mm		
6	9,5	28	16,7	5	009100106
7	10,7	28	16,7	5	009100107
8	12,1	28	16,7	5	009100108
9	13,2	28	16,7	5	009100109
10	14,6	29	16,7	5	009100110
11	15,8	29	16,7	5	009100111
12	17,2	30	17,7	5	009100112
13	18,4	31	17,0	5	009100113
14	19,7	32	17,5	5	009100114
15	20,9	32	18,0	5	009100115
16	22,2	33	18,5	5	009100116
17	23,2	33	19,0	5	009100117
18	24,7	34	20,0	5	009100118
19	25,8	35	21,0	5	009100119
20	27,2	35	22,0	5	009100120
21	28,2	36	23,0	5	009100121
22	29,7	37	24,0	5	009100122



910B/SB17 — 1 009100130
6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22 mm

910AL

hexagon hand sockets,
long series



UNI/ISO 2725 DIN 3124

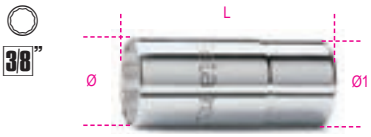
mm	Ø mm	L mm	Ø1 mm		
8	12,0	55	17	3	009100158
9	13,0	55	17	3	009100159
10	14,5	55	17	3	009100160
11	16,0	55	17	3	009100161
12	17,0	55	17	3	009100162
13	18,0	55	17	3	009100163
14	20,0	55	18	3	009100164
15	21,0	55	20	3	009100165
16	22,0	55	20	3	009100166
17	23,5	55	22	3	009100167
18	24,5	55	23	2	009100168
19	25,0	55	24	2	009100169
21	27,0	65	26	2	009100171
22	29,0	65	28	2	009100172



910AL/SB14 — 1 009100174
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

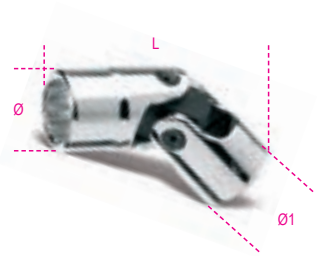
mm	Ø mm	L mm	Ø1 mm		
8	12,0	55	17	3	009100308
9	13,0	55	17	3	009100309
10	14,5	55	17	3	009100310
11	16,0	55	17	3	009100311
12	17,0	55	17	3	009100312
13	18,0	55	17	3	009100313
14	20,0	55	18	3	009100314
15	21,0	55	20	3	009100315
16	22,0	55	20	3	009100316
17	23,5	55	22	3	009100317
18	24,5	55	23	2	009100318
19	25,0	55	24	2	009100319
21	27,0	65	26	2	009100321
22	29,0	65	28	2	009100322



910BL/SB14 — 1 009100340
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	2	009100230
11	15,8	49,5	19	2	009100231
12	17,0	50,0	19	2	009100232
13	18,3	51,0	19	2	009100233
14	19,5	51,0	19	2	009100234
15	20,8	53,5	19	2	009100235
16	22,0	53,5	19	2	009100236
17	23,3	54,5	19	2	009100237
18	24,5	54,5	19	2	009100238
19	25,8	56,5	19	2	009100239

910A/AS

hexagon hand sockets



"	Ø mm	L mm	Ø1 mm		
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 009100295
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

"	Ø mm	L mm	Ø1 mm		
3/8	14,6	29	16,7	5	009100204
7/16	15,8	29	16,7	5	009100205
1/2	18,4	31	17,0	5	009100206
9/16	19,7	32	17,5	5	009100207
19/32	20,9	32	18,0	5	009100208
5/8	22,2	33	18,5	5	009100209
11/16	24,7	34	20,0	5	009100210
3/4	25,8	35	21,0	5	009100211
13/16	28,2	36	23,0	5	009100212
7/8	29,7	37	24,0	5	009100213



910AS/SB13 1/4-5/16-11/32-3/8-7/16 1/2-9/16-19/32-5/8-11/16 3/4-13/16-7/8	1	009100215

910AS/L

bi-hex hand sockets, long series



"	Ø mm	L mm	Ø1 mm		
1/4	10	55	17	3	009100350
5/16	12	55	17	3	009100351
3/8	14	55	17	3	009100352
7/16	16	55	17	3	009100353
1/2	18	55	17	3	009100354
9/16	20	55	18	3	009100355
19/32	21	55	20	3	009100356
5/8	22	55	20	3	009100357
11/16	23	55	22	3	009100359
3/4	25	55	24	3	009100360
13/16	27	65	26	3	009100362
7/8	29	65	28	3	009100363



910ASL/SB12 1/4-5/16-3/8-7/16 1/2-9/16-19/32-5/8-11/16 3/4-13/16-7/8	1	009100365

910AS/SN

swivel end bi-hex hand sockets



* SAE AS 954E

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

910FTX

hand sockets for Torx® head screws



	Ø mm	L mm	Ø1 mm		
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



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

910FTX/L

hand sockets for Torx® head screws, long series



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



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

910LP

socket drivers for slotted head screws



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

910PH

socket drivers for cross head Phillips® screws



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

910PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm		
3	18,5	50	20	5	009100490
4	18,5	50	20	5	009100492
5	18,5	50	20	5	009100494
6	18,5	50	20	5	009100496
7	18,5	50	20	5	009100497
8	18,5	50	20	5	009100498
10	18,5	50	20	5	009100500



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

910ME

socket drivers for hexagon screws



mm	Ø mm	L mm	L1 mm		
4	18	62	15	5	009100504
5	18	62	15	5	009100505
6	18	62	15	5	009100506
7	18	62	15	5	009100507
8	19	62	15	5	009100508
10	20	62	15	5	009100510
12	20	62	15	5	009100512

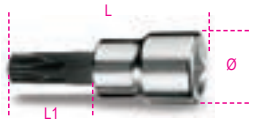


910ME/SB5 4-5-6-8-10 mm	1	009100515

910PT

socket drivers for 5-star head screws

3/8"



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

14"

38"



910PT/SB8 PT10-PT15-PT20-PT25 PT30-PT40-PT45-PT50	1	009100558

910TX

socket drivers for Torx® head screws

3/8"



	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

3/8"



910TX/SB6 T15-T20-T25 T27-T30-T40	1	009100530

910CF

3/8" square drive crowfoot wrenches

3/8"



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

3/8"



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

3/8"



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

3/8"



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

3/8"



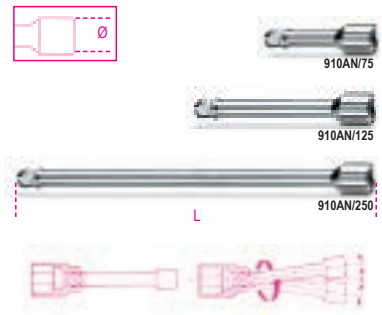
UNI/ISO 3316 DIN 3123

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

910AN

3/8" wobble extension bars

3/8"



	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

3/8"



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
54,6	19	5	009100830

910M/35

3/8" swivel drive with metal handle

3/8"



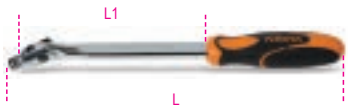
UNI/ISO 3315 DIN 3122

L mm		
250	3	009100839

910/36A

3/8" drive swivel handle

3/8"



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
255	154	3	009100845

910/40

3/8" drive swivel T-handle

3/8"

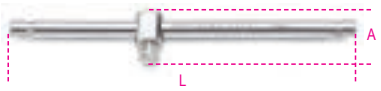


L mm	L1 mm		
420	175	3	009100850

910/42

3/8” drive sliding T-handle

3/8”



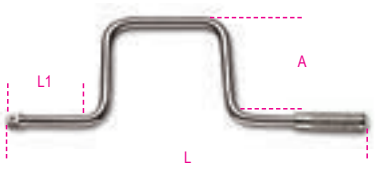
UNI/ISO 3315 DIN 3122

L mm	A mm		
210	30,5	5	009100854

910/46

3/8” square drive with speed brace

3/8”



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

72

3/8”



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

48

3/8”



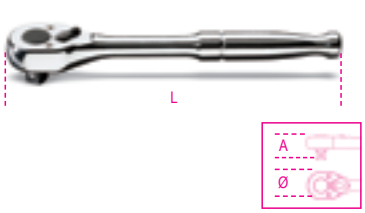
UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
200	30	33	3	009100885

910M/55

3/8” drive reversible ratchet with metal handle

3/8”

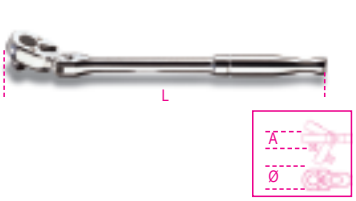


L mm	Ø mm	A mm		
178	30	26	2	009100875

910M/56

3/8” drive reversible swivel ratchet with metal handle

3/8”



L mm	Ø mm	A mm		
265	31	29	2	009100887

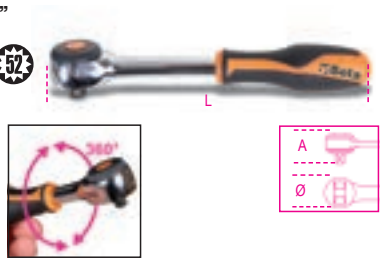
910/58

3/8" drive reversible ratchet with rotating handle, 52 tooth mechanism

- **Socket release button**
- **Ring nut reversal system on ratchet head**
- **Bi-material handle**

3/8”

52



L mm	Ø mm	A mm		
222	37	38,5	1	009100884

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

910.../C10

10 sockets and 2 accessories

3/8”



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

3/8”



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

3/8"



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

910A/C17

17 hexagon sockets and 9 accessories

3/8"



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

3/8"



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

3/8"



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

3/8"



910AS/MBM-C18 — 1 — 009100926

910AS	1/4 - 5/16 - 11/32 - 3/8 - 7/16 1/2 - 9/16 - 19/32 - 5/8 - 11/16 3/4 - 13/16 - 7/8
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910M/55	

335x145x60 mm - 2,5 kg

910A/C16HR

16 hexagon sockets and 5 accessories

3/8"



910A/C16HR — 1 — 009100935

910A	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 - 15 - 16 - 17 - 18 - 19 21 - 22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/58	

335x145x60 mm - 2,4 kg

920A

hexagon hand sockets

1/2"



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

mm	Ø mm	L mm	Ø1 mm		
12	17,5	38	21,7	10	009200012
13	18,7	38	21,7	10	009200013
14	20,1	38	21,7	10	009200014
15	21,5	38	22,5	10	009200015
16	22,7	38	23,7	10	009200016
17	24,1	38	23,1	10	009200017
18	25,3	39	24,0	10	009200018
19	26,6	39	24,0	10	009200019
20	27,8	40	25,0	5	009200020
21	28,8	40	25,0	5	009200021
22	29,9	41	26,0	5	009200022
23	30,8	42	26,0	5	009200023
24	32,2	43	27,0	5	009200024
25	33,2	44	27,0	5	009200025
26	34,7	45	28,0	5	009200026
27	36,2	46	29,0	5	009200027
28	37,2	47	30,0	5	009200028
29	38,6	48	31,0	5	009200029
30	40,2	48	32,0	5	009200030
32	42,3	49	34,0	5	009200032



920A/SB13 1 009200040
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



920A/SB8 1 009200042
23-24-25-26-27-28-30-32 mm

920B

bi-hex hand sockets



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
18	25,3	39	24,0	10	009200118
19	26,6	39	24,0	10	009200119
20	27,8	40	25,0	5	009200120
21	28,8	40	25,0	5	009200121
22	29,9	41	26,0	5	009200122
23	30,8	42	26,0	5	009200123
24	32,2	43	27,0	5	009200124
25	33,2	44	27,0	5	009200125
26	34,7	45	28,0	5	009200126
27	36,2	46	29,0	5	009200127
28	37,2	47	30,0	5	009200128
29	38,6	48	31,0	5	009200129
30	40,2	48	32,0	5	009200130
32	42,3	49	33,9	5	009200132



920B/SB13 1 009200140
10-11-12-13-14-15-16
17-18-19-20-21-22 mm



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

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 1 009200644
10-12-13-14-15-16
17-18-19-21-22 mm

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 1 009200338
10-12-13-14-15-16-17-18
19-21-22 mm

920A/AS

hexagon hand sockets



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



920A-AS/SB11 1 009200295
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

920AS

bi-hex hand sockets



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



920AS/SB11 1 009200225
3/8-7/16-1/2-9/16-5/8
11/16-3/4-13/16-7/8
15/16-1

920AS/L

bi-hex hand sockets, long series



"	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 009200369
1/2-9/16-5/8-11/16
3/4-13/16-7/8-15/16
1-1.1/8-1.1/16

920FTX

hand sockets for Torx® head screws



	Ø mm	L mm	Ø1 mm		
E10	13,2	36	21	5	009200380
E12	15,0	37	21	5	009200381
E14	16,3	37	21	5	009200382
E16	18,8	37	22	5	009200383
E18	20,4	37	22	5	009200384
E20	22,9	37	22	5	009200385
E22	25,0	37	24	3	009200387
E24	26,5	40	25	3	009200388



920FTX/SB6 1 009200390
E10-E12-E14
E16-E18-E20



920FTX/C8 1 009200391
E10-E12-E14-E16
E18-E20-E22-E24

270X120X45 mm - 1 kg

920FTX/L

hand sockets for Torx® head screws, long series



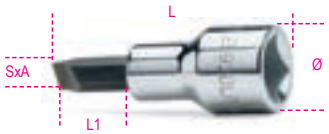
	Ø mm	L mm	Ø1 mm		
E10	13,2	77	21,0	5	009200400
E12	15,0	77	21,0	5	009200401
E14	16,3	77	21,0	5	009200402
E16	18,8	77	21,8	3	009200403
E18	20,4	77	21,8	3	009200404
E20	22,9	77	22,0	3	009200405



920FTX/LSB6 1 009200409
E10-E12-E14
E16-E18-E20

920LP

socket drivers for slotted head screws



SxA mm	Ø mm	L mm	L1 mm		
1x5,5	22,5	62	24	3	009200452
1,2x6,5	22,5	62	24	3	009200453
1,2x8	22,5	62	24	3	009200454
1,6x9	22,5	62	24	3	009200456
2x12	22,5	62	24	3	009200458

920PH

socket drivers for cross head Phillips® screws



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

920LH/SB7

socket drivers for cross head Phillips® screws

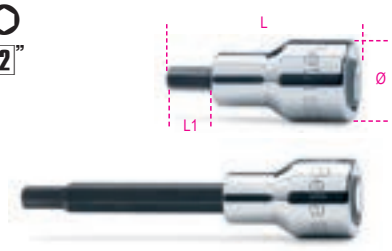


920LH/SB7 1 009200478

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

920PE

socket drivers for hexagon screws



DIN 7422

mm	Ø mm	L mm	L1 mm		
3	22,5	58	20	5	009200410
4	22,5	58	20	5	009200412
5	22,5	58	20	5	009200414
5L	22,5	100	62	5	009200415
6	22,5	58	20	5	009200417
6L	22,5	100	62	5	009200418
7	22,5	58	20	5	009200420
7L	22,5	100	62	5	009200421
8	22,5	58	20	5	009200423
8L	22,5	100	62	5	009200424
9	22,5	58	20	5	009200425
9L	22,5	140	102	5	009200426
10	22,5	58	20	5	009200428
10L	22,5	140	102	5	009200429
12	23,0	58	20	5	009200432
12L	22,5	140	102	5	009200433
14	23,0	58	20	5	009200434
14L	22,5	140	102	5	009200435
17	29,5	60	22	5	009200437
19	29,5	60	22	5	009200439



920PE/SB9 1 009200441
4-5-6-8-10 mm
5L-6L-8L-10L mm



920PE/C10 1 009200443
4-5-6-7-8-10
12-14-17-19 mm

270X120X45 mm - 1,5 kg

920PE/AS

socket drivers for hexagon screws



"	Ø mm	L mm	L1 mm		
1/8	22,5	58	20	2	009200460
3/16	22,5	58	20	2	009200461
1/4	22,5	58	20	2	009200463
3/8	22,5	58	20	2	009200464
1/2	22,5	60	20	2	009200465
3/4	22,5	60	20	1	009200468

920BP

ball head socket drivers
for hexagon screws



mm	Ø mm	L mm	L1 mm		
5L	22,5	100	62	5	009200490
5XL	22,5	240	202	1	009200495
6L	22,5	100	62	5	009200491
6XL	22,5	240	202	1	009200496
7L	22,5	100	62	5	009200492
8L	22,5	100	62	5	009200493
8XL	22,5	240	202	1	009200497
10L	22,5	140	102	5	009200494



920BP/SB8 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



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



920ME/C7 1 009200518
5-6-8-10-12-14-17 mm

250X100X35 mm - 1,4 kg

920TX

socket drivers for Torx® head screws



	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200520
T20L	22,5	120	82	3	009200530
T25	22,5	58	20	5	009200521
T25L	22,5	120	82	3	009200531
T27	22,5	58	20	5	009200522
T27L	22,5	120	82	3	009200533
T30	22,5	58	20	5	009200523
T30L	22,5	120	82	3	009200534
T40	22,5	58	20	5	009200524
T40L	22,5	120	82	3	009200535
T45	22,5	58	20	5	009200525
T45L	22,5	120	82	3	009200537
T50	22,5	58	20	5	009200526
T50L	23,0	140	102	3	009200538
T55	23,0	58	20	3	009200527
T55L	23,0	140	102	3	009200539
T60	23,0	58	20	3	009200528
T60L	23,0	140	102	3	009200540
T70L	23,0	120	82	3	009200541



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



920TX/L-SB10 1 009200545
T20L-T25L-T27L-T30L-T40L-
T45L-T50L-T55L-T60L-T70L



920TX/C9 1 009200546
T20-T25-T27-T30-T40
T45-T50-T55-T60

270X120X45 mm - 1,2 kg

920RTX

socket drivers
for Tamper Resistant Torx® head screws



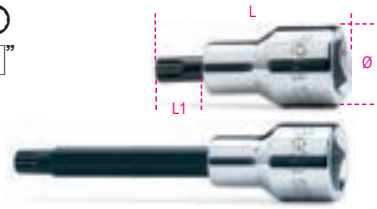
	Ø mm	L mm	L1 mm		
T20	22,5	58	20	5	009200370
T25	22,5	58	20	5	009200371
T27	22,5	58	20	5	009200372
T30	22,5	58	20	5	009200373
T40	22,5	58	20	5	009200374



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

920XZN

socket drivers with XZN® profile



DIN 2324

	Ø mm	L mm	L1 mm		
M4	22,5	58	20	3	009200559
M5	22,5	58	20	3	009200560
M6	22,5	58	20	3	009200561
M6L	22,5	100	62	3	009200562
M8	22,5	58	20	3	009200563
M8L	22,5	100	62	3	009200564
M9	22,5	58	20	3	009200582
M9L	22,5	100	62	3	009200583
M10	22,5	58	20	3	009200565
M10L	22,5	100	62	3	009200566
M12	22,5	58	20	3	009200568
M12L	22,5	100	62	3	009200569

	Ø mm	L mm	L1 mm		
M14	23,0	58	20	3	009200571
M14L	23,0	100	62	3	009200572
M16	23,0	58	20	3	009200573
M18	23,0	58	20	3	009200574



920XZN/SB7
M4-M5-M6-M8
M10-M12-M14
1 009200579



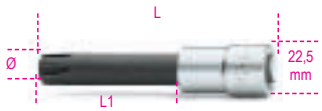
920XZN/SB12
M5-M6-M8-M10-M12
M14-M16-M6L-M8L
M10L-M12L-M14L
1 009200577



920XZN/LS5
M6L-M8L-M10L
M12L-M14L
1 009200578

920ES

special form socket drivers



UNI 9326

Ø mm		L mm	L1 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



920ES/SB7
7-9-10-11-12L-14L-16L
1 009200598



920ES/XL-SB7
7XL-9XL-10XL-11XL
12XL-14XL-16XL
1 009200618

920/15

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



UNI/ISO 3316 DIN 3123

L mm	□	■	Ø mm		
42	1/2	3/8	22,0	5	009200810

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

920/16

adaptor, 1/2" female
and 3/4" male drives

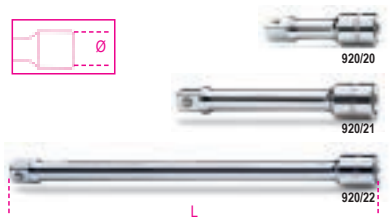


UNI/ISO 3316 DIN 3123

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

920/20 - 920/21 - 920/22

1/2" drive extension bars

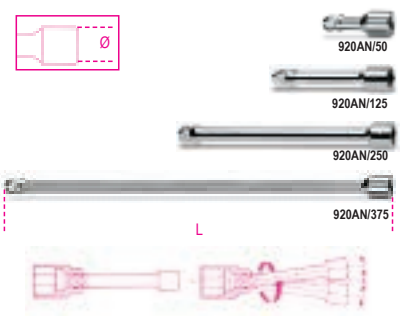


UNI/ISO 3316 DIN 3123

	L mm	Ø 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



	L mm	Ø mm		
920AN/50	50	22	5	009200833
920AN/125	125	22	5	009200834
920AN/250	250	22	3	009200835
920AN/375	375	22	3	009200836

920/25

1/2" drive universal joint



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
75	27	5	009200830

920/35A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
285	160	3	009200846

920M/35

1/2" swivel drive with metal handle



UNI/ISO 3315 DIN 3122

L mm		
380	2	009200845

920M/35L

1/2" swivel drive with metal handle, long series



L mm		
600	1	009200843

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

920/36A

1/2" drive swivel handle



UNI/ISO 3315 DIN 3122

L mm	L1 mm		
408	283	2	009200847

920/40

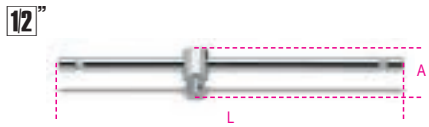
1/2” drive swivel T-handle



L mm	L1 mm		
490	230	2	009200850

920/42

1/2” drive sliding T handle



UNI/ISO 3315 DIN 3122

L mm	A mm		
305	42	5	009200854

920/44

1/2” drive offset handle

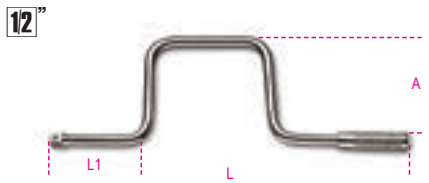


UNI/ISO 3315 DIN 3122

L mm	L1 mm		
230	60	3	009200858

920/46

1/2” drive with speed brace



UNI/ISO 3315 DIN 3122

L mm	L1 mm	A mm		
385	110	160	1	009200862

920/50

1/2” push-through drive ratchet, 72 teeth

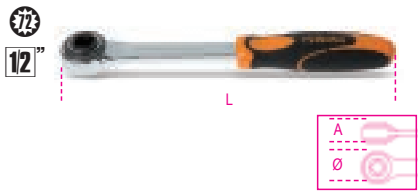


UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	42	3	009200871

920/50F

1/2” female square drive ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	27	2	009200889

920/55

1/2" drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	43	3	009200882

920/55Q

1/2” drive reversible ratchet, 48 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	43	3	009200885

920/55X

1/2” drive reversible ratchet, 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
200	30	33	3	009200895

920/55LC

1/2” drive reversible ratchet “Locking System”, 72 teeth

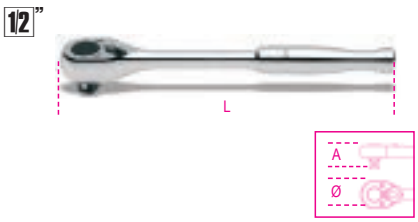


UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
275	40	43	2	009200896

920M/55

1/2”drive reversible ratchet with metal handle



L mm	Ø mm	A mm		
253	38	35	1	009200893

920/56A

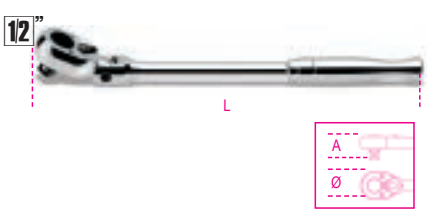
1/2” drive swivel reversible ratchet, 72 teeth



L mm	Ø mm	A mm		
315	40	43	1	009200911

920M/56

1/2” drive reversible swivel ratchet with metal handle



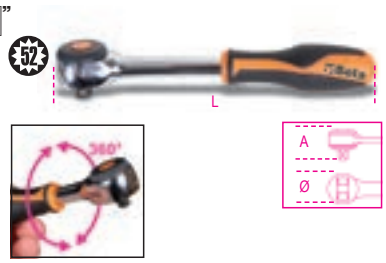
L mm	Ø mm	A mm		
330	38	35,7	2	009200894

920/58

1/2" drive reversible ratchet
with rotating handle,
52 tooth mechanism

- **Socket release button**
- **Ring nut reversal system on ratchet head**
- **Bi-material handle**

12"



L mm	Ø mm	A mm		
281	42,5	45	1	009200926

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

920.../C11

11 sockets and 2 accessories

12"



920A/C11 — 1 — 009200921

920A	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

335x145x60 mm - 2,5 kg

920B/C11 — 1 — 009200922

920B	10 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 mm
920/22	255 mm
920/50	

335x145x60 mm - 2,5 kg

920.../C12...

12 sockets and 5 accessories

12"



920A/C12X — 1 — 009200933

920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 4,2 kg

920A/C12 — 1 — 009200931

920A	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/50	

420x185x60 mm - 4,2 kg

920B/C12X — 1 — 009200934

920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 4,0 kg

920B/C12 — 1 — 009200932

920B	10 - 11 - 12 - 13 - 14 - 17 - 19 22 - 24 - 27 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/50	

420x185x60 mm - 4,0 kg

920.../C20...

20 sockets and 5 accessories

12"



920A/C20X — 1 — 009200950

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x185x60 mm - 5,1 kg

920A/C20 — 1 — 009200948

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/50	

420x185x60 mm - 5,1 kg

920A/C20Q — 1 — 009200955

920A	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55Q	

420x185x60 mm - 5,1 kg

920.../C20...

20 sockets and 5 accessories

1/2"



920B/C20 — 1 — 009200949

920B		10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920/21		125 mm
920/22		255 mm
920/25		
920/42		
920/50		

420x185x60 mm - 5,1 kg

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

1/2"



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

1/2"



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

1/2"



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

920/C37

37 bi-hex sockets and 5 accessories

1/2"



920/C37 — 1 009200988

920B	10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 -23 24 - 26 - 27 - 28 - 30 - 32 mm
920AS	3/8 - 7/16 - 1/2 - 9/16 - 19/32 5/8 - 11/16 - 3/4 - 25/32 - 13/16 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 1.3/16 - 1.1/4
920/21	125 mm
920/22	255 mm
920/25	
920/42	
920/55	

420x280x60 mm - 7,5 kg

920AS/C10

10 bi-hex sockets and 2 accessories

1/2"



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

1/2"



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

1/2"



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

1/2"



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

920TX/C17

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

1/2"



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

920A/C17HR

17 hexagon sockets and 5 accessories in hard foam tray, in metal case

- ratchet with rotating handle

1/2"



920A/C17HR		1	009200939

920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32 mm	
920/21	125 mm	
920/22	255 mm	
920/25		
920/42		
920/58		

420x185x60 mm - 5,1 kg

928A

hexagon hand sockets

3/4"



UNI/ISO 2725
DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280019
22	31,3	53	34	5	009280022
23	33,3	53	34	5	009280023
24	34,5	53	34	5	009280024
26	36,8	55	35	5	009280026
27	38,0	56	35	5	009280027
28	39,0	57	35	3	009280028
29	40,2	58	35	3	009280029
30	41,5	58	37	3	009280030
32	44,3	60	37	3	009280032
33	45,8	60	37	3	009280033
34	46,8	60	37	3	009280034
35	48,1	62	38	3	009280035
36	49,5	64	38	3	009280036
38	52,0	68	40	3	009280038
41	56,0	71	40	3	009280041
46	62,3	75	43	3	009280046
50	67,4	80	43	3	009280050
55	73,7	84	48	1	009280055
60	80,0	87	48	1	009280060

928B

bi-hex hand sockets

3/4"



UNI/ISO 2725
DIN 3124

mm	Ø mm	L mm	Ø1 mm		
19	29,2	50	34	5	009280119
22	31,3	53	34	5	009280122
23	33,3	53	34	5	009280123
24	34,5	53	34	5	009280124
26	36,8	55	35	5	009280126
27	38,0	56	35	5	009280127
28	39,0	57	35	3	009280128
29	40,2	58	35	3	009280129
30	41,5	58	37	3	009280130
32	44,3	60	37	3	009280132
33	45,8	60	37	3	009280133
34	46,8	60	37	3	009280134
35	48,1	62	38	3	009280135
36	49,5	64	38	3	009280136
38	52,0	68	40	3	009280138
41	56,0	71	40	3	009280141
46	62,3	75	43	3	009280146
50	67,4	80	43	3	009280150
55	73,7	84	48	1	009280155
60	80,0	87	48	1	009280160

928AS

hexagon hand sockets

3/4"

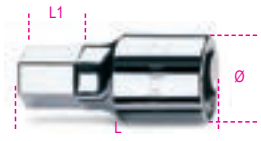


"	Ø mm	L mm	Ø1 mm		
7/8	32,0	53	34	1	009280202
15/16	34,5	53	34	1	009280203
1	36,2	55	35	1	009280204
1.1/16	38,0	56	35	1	009280205
1.1/8	40,2	58	35	1	009280206
1.1/4	44,2	60	37	1	009280208
1.5/16	45,8	60	37	1	009280209
1.3/8	48,1	62	38	1	009280210
1.7/16	49,5	64	38	1	009280211
1.1/2	52,0	68	40	1	009280212
1.5/8	56,0	71	40	1	009280214
1.11/16	58,8	74	40	1	009280215
1.13/16	62,3	75	43	1	009280217
1.7/8	65,0	78	43	1	009280218
2	68,3	80	43	1	009280219
2.1/16	71,5	83	48	1	009280220

928ME

socket drivers for hexagon screws

3/4"



mm	Ø mm	L mm	L1 mm		
14	35	75	15,5	2	009280514
17	35	75	15,5	2	009280517
19	35	75	15,5	2	009280519
22	35	75	22,5	2	009280522

928/15

adaptor, 3/4" female and 1/2" male drives

3/4"



UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■		
51,5	34	3/4	1/2	5	009280801

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

928/16

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

3/4"



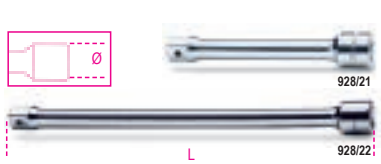
UNI/ISO 3316
DIN 3123

L mm	Ø mm	□	■		
65	34	3/4	1"	5	009280807

928/21 - 928/22

3/4" drive extension bars

3/4"



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

3/4"



UNI/ISO 3316 DIN 3123

L mm	Ø mm		
108	40	1	009280830

928/36A

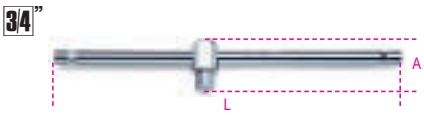
3/4” drive swivel handle



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

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

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



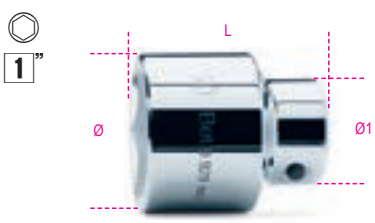
928AS/C12	1	009280968

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

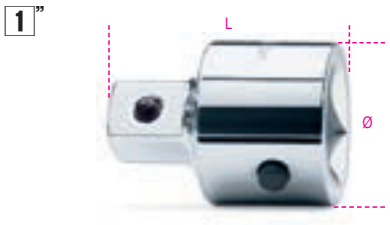


UNI/ISO 2725 DIN 3124

mm	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	□	■		
65	47	1”	3/4	2	009290801

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

929/21 - 929/22

1” drive extension bars

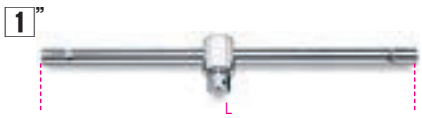


UNI/ISO 3316 DIN 3123

	L mm	Ø mm		
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" reversible ratchet 72 teeth



UNI/ISO 3315 DIN 3122

L mm	Ø mm	A mm		
770	62	63	1	009290860

929/C8

8 hexagon sockets and 5 accessories

1"



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

1/4" 48



900/R55 1 009000871
900/55

900M/R55

1/4"



900M/R55 1 009000888
900M/55

910/R55

3/8" 72



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

910M/R55

3/8"



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

910/R55Q

3/8" 48



910/R55Q 1 009100877
910/55Q

920/R50

1/2" 72



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

920/R55

1/2" 72



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

920M/R55

1/2"



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

920/R55Q

1/2" 48



920/R55Q 1 009200877
920/55Q

920/R55X

1/2" 72



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

920/R55LC

1/2" 72



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

928/R55

3/4" 72



928/R55 1 009280859
928/55

928/R55X

3/4" 72



928/R55X 1 009280858
614X

929/R55

1" 72



929/R55 1 009290859
929/55

930

double ended bi-hex tubular socket wrenches, heavy series



UNI 6745

mm	L mm	Ø mm	Ø1 mm		
○6x7	100	9,5	11,0	3	009300006
○8x9	108	12,5	14,0	3	009300010
10x11	116	15,0	16,5	3	009300014
12x13	124	17,5	19,0	3	009300018
14x15	132	20,0	21,5	3	009300023
16x17	140	23,0	24,0	3	009300027
18x19	148	25,0	26,5	3	009300032
20x22	156	28,0	30,0	2	009300036
21x23	163	29,0	31,5	2	009300040
24x26	173	33,0	35,5	2	009300044
25x28	182	34,5	38,0	2	009300048
27x29	191	37,0	39,5	2	009300052
30x32	200	40,5	43,0	2	009300056



930/S8 1 009300081
6x7-8x9-10x11
12x13-14x15-16x17
18x19-20x22 mm
940/1 - /2

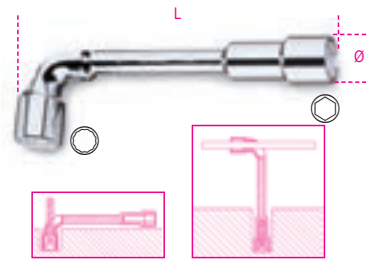
930/S13 1 009300083
6x7-8x9-10x11-12x13
14x15-16x17-18x19
20x22-21x23-24x26
25x28-27x29-30x32 mm
940/1 - /2 - /3



930/C13 6x7-8x9-10x11-12x13 14x15-16x17-18x19 20x22-21x23-24x26 25x28-27x29-30x32 mm **940/1 - /2 - /3**	1	009300098

932

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



NF E 74.303

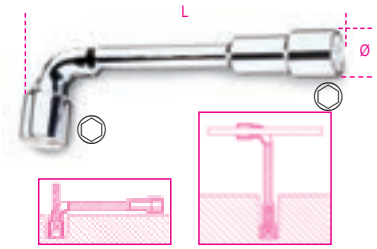
mm	Ø mm	L mm		
6x6	11,5	110	5	009320006
7x7	12,5	116	5	009320007
8x8	13,0	120	5	009320008
9x9	14,0	125	5	009320009
10x10	16,5	133	5	009320010
11x11	17,5	143	5	009320011
12x12	19,0	148	5	009320012
13x13	19,5	154	5	009320013
14x14	21,5	167	5	009320014
15x15	22,5	182	5	009320015
16x16	24,5	193	5	009320016
17x17	26,0	198	5	009320017
18x18	26,5	215	5	009320018
19x19	29,0	220	5	009320019
20x20	30,5	222	3	009320020
21x21	30,5	236	3	009320021
22x22	32,5	250	2	009320022
23x23	33,5	256	2	009320023
24x24	35,0	272	2	009320024
25x25	36,5	282	2	009320025
26x26	37,5	296	2	009320026
27x27	39,0	296	2	009320027
28x28	39,0	314	2	009320028
30x30	42,5	348	2	009320030
32x32	45,5	364	2	009320032



932/S11 6-7-8-10-11-12 13-14-17-19-22 mm	1	009320080
932/S17 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	1	009320081
932/S25 6-7-8-9-10-11-12-13 14-15-16-17-18-19 20-21-22-23-24-25 26-27-28-30-32 mm	1	009320082

933

double ended offset hexagon socket wrenches, bright chrome-plated



NF E 74.303

mm	Ø mm	L mm		
6x6	11,5	110	5	009330006
7x7	12,5	116	5	009330007
8x8	13,0	120	5	009330008
9x9	14,0	125	5	009330009
10x10	16,5	133	5	009330010
11x11	17,5	143	5	009330011
12x12	19,0	148	5	009330012
13x13	19,5	154	5	009330013
14x14	21,5	167	5	009330014
15x15	22,5	182	5	009330015
16x16	24,5	193	5	009330016
17x17	26,0	198	5	009330017
18x18	26,5	215	5	009330018
19x19	29,0	220	5	009330019
20x20	30,5	222	3	009330020
21x21	30,5	236	3	009330021
22x22	32,5	250	2	009330022
23x23	33,5	256	2	009330023
24x24	35,0	272	2	009330024
25x25	36,5	282	2	009330025
26x26	37,5	296	2	009330026
27x27	39,0	296	2	009330027
28x28	39,0	314	2	009330028
30x30	42,5	348	2	009330030
32x32	45,5	364	2	009330032



933/S11 6-7-8-10-11-12 13-14-17-19-22 mm	1	009330080
933/S17 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	1	009330081
933/S25 6-7-8-9-10-11-12-13 14-15-16-17-18-19 20-21-22-23-24-25 26-27-28-30-32 mm	1	009330082

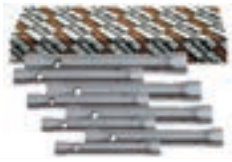
935

double ended hexagon tubular socket wrenches, light series



UNI 6746 DIN 896

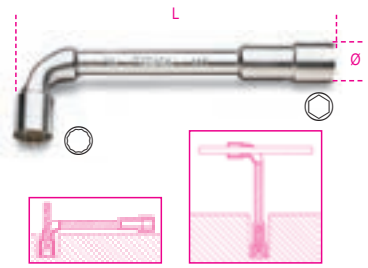
mm	L mm		
6x7	100	5	009350105
8x9	110	5	009350111
10x11	120	5	009350115
12x13	130	5	009350117
14x15	140	5	009350126
16x17	150	5	009350128
18x19	160	5	009350131
20x22	170	3	009350138
21x23	180	3	009350141
24x26	190	3	009350144
25x28	200	2	009350150
27x29	210	2	009350153
30x32	220	2	009350156



935/S8 6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22 mm **940/1 - /2**	1	009350181
935/S13 6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22-21x23 24x26-25x28-27x29 30x32 mm **940/1 - /2 - /3**	1	009350183

937

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



mm	Ø mm	L mm		
6x6	11,5	110	5	009370006
7x7	12,5	116	5	009370007
8x8	13,0	120	5	009370008
9x9	14,0	125	5	009370009
10x10	16,5	133	5	009370010
11x11	17,5	143	5	009370011
12x12	19,0	148	5	009370012
13x13	19,5	154	5	009370013
14x14	21,5	167	5	009370014
15x15	22,5	182	5	009370015
16x16	24,5	193	5	009370016
17x17	26,0	198	5	009370017
18x18	26,5	215	5	009370018
19x19	29,0	220	5	009370019
20x20	30,5	222	3	009370020
21x21	30,5	236	3	009370021
22x22	32,5	250	2	009370022
23x23	33,5	256	2	009370023
24x24	35,0	272	2	009370024
25x25	36,5	282	2	009370025
26x26	37,5	296	2	009370026
27x27	39,0	296	2	009370027
28x28	39,0	314	2	009370028
30x30	42,5	348	2	009370030
32x32	45,5	364	2	009370032



937/S11 6-7-8-10-11-12 13-14-17-19-22 mm	1	009370080
937/S17 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21-22 mm	1	009370081

940

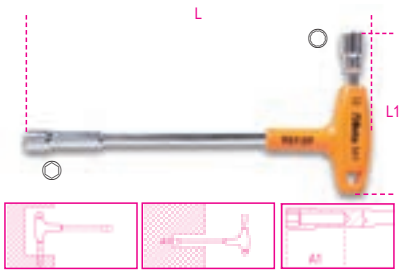
tommy bars for tubular wrenches
items 930 and 935



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

941

hexagon / bi-hex socket wrenches,
with high torque handles



mm	L mm	L1 mm	A1 mm		
7x7	200	91	35	2	009410107
8x8	220	107	50	2	009410108
9x9	220	109	50	2	009410109
10x10	236	111	50	2	009410110
11x11	236	114	50	2	009410111
12x12	255	122	50	2	009410112
13x13	255	124	55	2	009410113



941/S7 1 009410170
7-8-9-10-11-12-13 mm

942BX

hi-torque hexagon nut spinners
short series



UNI 6750

mm	L mm	L1 mm	A1 mm		
4	190	70	13,0	5	009420003
5	190	70	14,0	5	009420004
5,5	190	70	12,5	5	009420005
6	190	70	14,5	5	009420006
7	190	70	15,5	5	009420007
8	202	70	18,5	5	009420008
9	202	70	19,5	5	009420009
10	202	70	20,5	3	009420010
11	202	70	21,5	3	009420011
12	202	70	22,5	3	009420012
13	202	70	23,5	3	009420013
14	202	70	24,5	3	009420014



942BX/S12 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	12,5	5	009430005
6	270	150	14,5	5	009430006
7	270	150	15,5	5	009430007
8	282	150	18,5	5	009430008
9	282	150	19,5	5	009430009
10	282	150	20,5	3	009430010
11	282	150	21,5	3	009430011
12	282	150	22,5	3	009430012
13	282	150	23,5	3	009430013
14	282	150	24,5	3	009430014



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



943BX/D6 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



943FL/S6 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	3	009440003
5	245	125	25	3	009440004
5,5	245	125	30	3	009440005
6	245	125	35	3	009440006
7	245	125	35	3	009440007
8	257	125	50	3	009440008
9	257	125	50	3	009440009
10	257	125	50	3	009440010
11	257	125	50	3	009440011
12	257	125	50	3	009440012
13	257	125	55	3	009440013
14	257	125	55	3	009440014



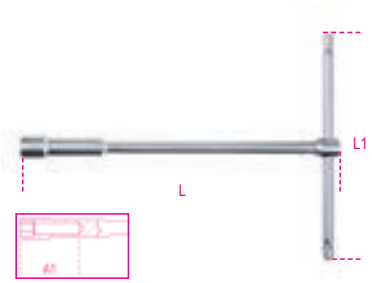
944BX/S12 1 009440062
4-5-5,5-6-7-8-9
10-11-12-13-14 mm



944BX/D6 1 009440056
5-6-7-8-10-13 mm

949

deep T-handle socket wrenches



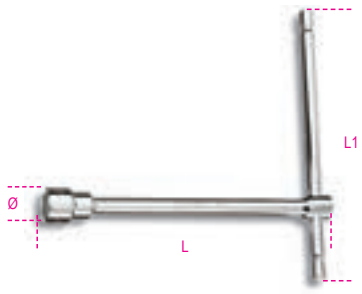
mm	L mm	L1 mm	A1 mm		
8	220	160	50	2	009490008
10	230	160	50	2	009490010
12	240	175	50	2	009490012
13	244	175	55	2	009490013
14	250	190	55	2	009490014
17	264	200	60	2	009490017



949/S6 1 009490076
8-10-12-13-14-17mm

950

T-handle hexagon socket wrenches



UNI 6742 DIN 3112

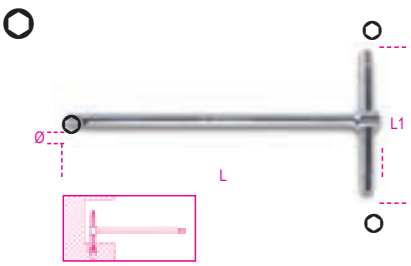
mm	L mm	Ø mm	L1 mm		
6	210	10,1	145	3	009500006
7	212	11,2	145	3	009500007
8	220	12,4	160	3	009500008
9	223	13,5	160	3	009500009
10	230	14,9	160	3	009500010
11	233	16,1	160	3	009500011
12	240	17,5	175	3	009500012
13	244	19,7	175	3	009500013
14	250	20,1	190	3	009500014
15	254	21,5	190	3	009500015
16	260	22,7	200	3	009500016
17	264	24,1	200	3	009500017
19	274	26,6	230	3	009500019
22	290	29,9	290	2	009500022
24	300	32,2	320	2	009500024
27	315	36,2	370	2	009500027



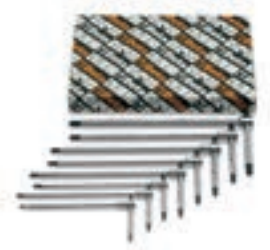
950/S9 1 009500079
7-8-10-11-12
13-14-17-19 mm
950/S14 1 009500082
6-7-8-9-10-11-12-13
14-15-16-17-19-22 mm

951

T-handle wrenches with three hexagon male ends



mm	L mm	L1 mm	Ø mm		
2	125	63	4,0	5	009510521
2,5	150	63	4,0	5	009510525
3	150	63	4,0	5	009510530
3,5	175	76	5,5	5	009510535
4	175	76	5,5	5	009510540
4,5	195	87	6,5	5	009510545
5	195	87	6,5	5	009510550
6	215	99	8,0	5	009510560
7	230	109	9,0	5	009510570
8	250	122	10,0	5	009510580
9	265	132	11,0	5	009510590
10	280	142	12,0	5	009510610
12	305	160	15,0	3	009510620
14	330	178	17,0	3	009510640



951/S8 1 009510693
2-2,5-3-3,5-4-4,5-5-6 mm
951/S14 1 009510695
2-2,5-3-3,5-4-4,5
5-6-7-8-9-10-12-14 mm



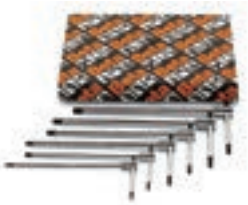
951/SP6 1 009510696
3-4-5-6-8-10 mm
951/SPV 1 009510697

951AS

T-handle wrenches with three hexagon male ends



"	L mm	L1 mm	Ø mm		
3/32	125	63	4,0	2	009510750
7/64	150	63	4,0	2	009510751
1/8	150	63	4,0	2	009510752
9/64	175	76	5,5	2	009510753
5/32	175	76	5,5	2	009510754
3/16	195	86	6,5	2	009510755
7/32	215	99	8,0	2	009510757
1/4	230	109	9,0	2	009510758
5/16	250	122	10,0	2	009510759
3/8	280	142	12,0	2	009510760



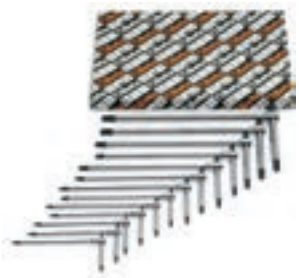
951AS/S6 1 009510770
5/32-3/16-7/32
1/4-5/16-3/8

951TX

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



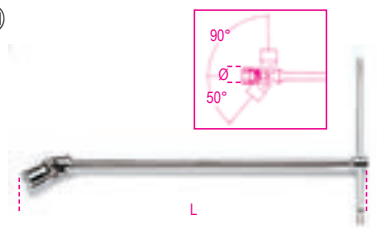
	L mm	L1 mm	Ø mm		
T6	125	63	4	3	009510806
T7	125	63	4	3	009510807
T8	125	63	4	3	009510808
T9	125	63	4	3	009510809
T10	150	63	4	3	009510810
T15	150	63	4	3	009510815
T20	175	76	5	3	009510820
T25	175	76	5	3	009510825
T27	195	87	6	3	009510827
T30	195	87	6	3	009510830
T40	215	99	7	3	009510840
T45	230	109	8	3	009510845
T50	250	122	9	3	009510850



951TX/S13 1 009510863
T6-T7-T8-T9-T10-T15-T20-T25
T27-T30-T40-T45-T50

952

T-handle wrenches with swivelling hexagon sockets



UNI 6743

mm	Ø mm	L mm		
6	9,5	395	5	009520006
7	10,7	395	5	009520007
8	12,1	395	5	009520008
9	13,2	395	5	009520009
10	14,6	400	5	009520010
11	15,8	400	5	009520011
12	17,0	400	5	009520012
13	18,7	432	5	009520013
14	19,7	432	5	009520014
15	20,9	450	3	009520015
16	22,0	450	3	009520016
17	23,4	450	3	009520017
18	24,7	450	3	009520018
19	26,0	500	3	009520019
20	27,4	500	3	009520020
21	28,5	500	3	009520021
22	29,7	500	3	009520022
24	32,4	500	3	009520024

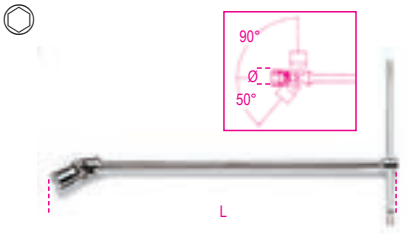


952/S7 1 009520074
8-10-11-13-14-17-19 mm

952/S18 1 009520083
6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21-22-24 mm

952AS

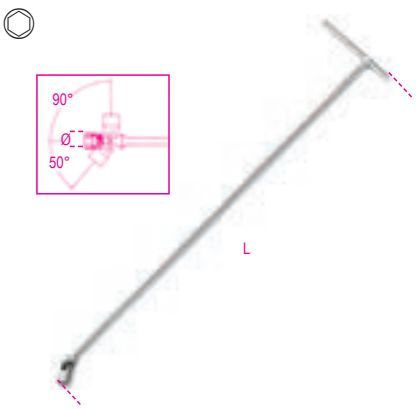
T-handle wrenches with swivelling hexagon sockets



"	Ø mm	L mm		
1/4	9,5	395	2	009520256
5/16	12,1	395	2	009520258
3/8	14,6	400	2	009520260
7/16	15,8	400	2	009520261
1/2	18,7	432	2	009520263
9/16	19,7	432	2	009520264
5/8	22,0	450	2	009520266
11/16	23,4	450	2	009520267
3/4	26,0	500	2	009520269

952L

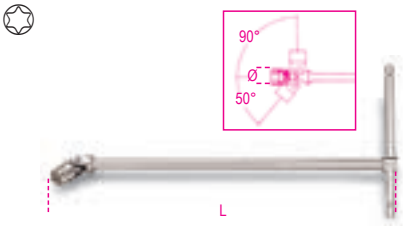
T-handle wrenches with swivelling hexagon sockets, long series



mm	Ø mm	L mm		
10	14,6	930	1	009520410
12	17,0	1063	1	009520412
13	18,7	1100	1	009520413
14	19,7	1100	1	009520414
15	20,9	1100	1	009520415
16	22,0	1100	1	009520416
17	23,4	1100	1	009520417
18	24,7	1100	1	009520418
19	26,0	1100	1	009520419

952FTX

T-handle wrenches with swivelling socket, for Torx® head screws



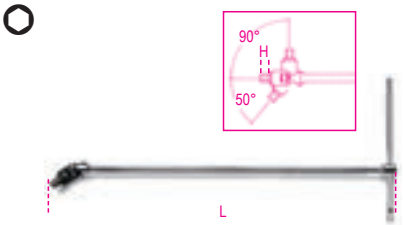
	Ø mm	L mm		
E6	8	392	2	009520106
E7	9	392	2	009520107
E8	10	395	2	009520108
E10	13	400	2	009520110
E12	15	440	2	009520112
E14	17	490	2	009520114
E16	19	490	2	009520116
E18	21	490	2	009520118
E20	23	490	2	009520120



952FTX/S9 1 009520141
E6-E7-E8-E10-E12
E14-E16-E18-E20

953

T-handle wrenches with swivelling hexagon male ends



UNI 6754

mm	H mm	L mm		
3	5	395	5	009530130
3,5	6	395	3	009530135
4	6	395	5	009530140
4,5	7	395	3	009530145
5	7	395	5	009530150
6	9	400	5	009530160
7	10	425	3	009530170
8	11	425	5	009530180
10	13	440	5	009530200

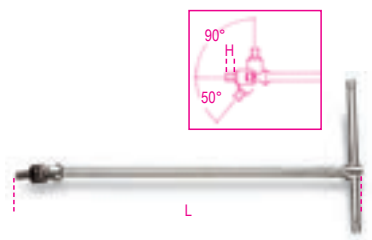


953/S5 1 009530305
3-4-5-6-8 mm

953/S9 1 009530301
3-3,5-4-4,5
5-6-7-8-10 mm

953TX

T-handle wrenches with swivelling end for Torx® head screws



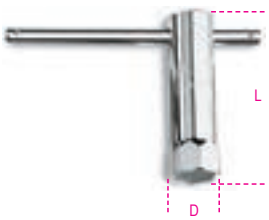
	H mm	L mm		
T20	11	396	2	009530020
T25	11	396	2	009530025
T27	11	396	2	009530027
T30	13	400	2	009530030
T40	13	400	2	009530040
T45	13	426	2	009530045
T50	14	442	2	009530050
T55	14	442	2	009530055



953TX/S8 T20-T25-T27-T30 T40-T45-T50-T55	1	009530060

955

tubular spark-plug wrench chrome-plated, hexagon end



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

956C

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



ISO 11168

mm - "	Ø mm	L mm		
14 9/16	18,8	70	3	009560008
16 5/8	21,4	70	3	009560010
17,8 11/16	23,6	70	3	009560011
20,8 13/16	27,0	70	3	009560012

956E

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



ISO 11168

mm - "	Ø mm	L mm		
14 9/16	18,8	70	3	009560018
16 5/8	21,4	70	3	009560020
17,8 11/16	23,6	70	3	009560021
20,8 13/16	27,0	70	3	009560022

956L

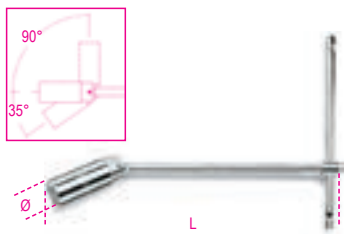
1/2" square drive spark plug sockets, bi-hex ends, long series



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

957

T-handle spark plug wrenches with swivelling sockets

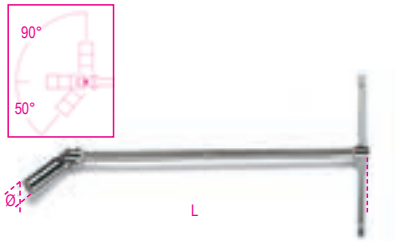


ISO 11168

mm - "	Ø mm	L mm		
16 5/8	21,4	275	3	009570000
20,8 13/16	27,0	275	3	009570001

959

T-handle spark plug wrenches with swivelling sockets, standard series



ISO 11168

mm - "	Ø mm	L mm		
14 9/16	18,8	483	3	009590009
16 5/8	21,4	483	3	009590010
20,8 13/16	27,0	527	3	009590011

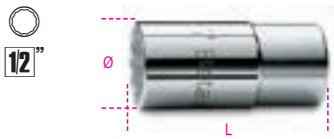
959R

rubber inset and spare spring for items 956C - 956E - 957 - 959

959R/14 956C/14-956E/14	3	009590223
959R/16 956C/16-956E/16 957/16-959/16	3	009590224
959R/17,8 956C/17,8-956E/17,8	3	009590225
959R/20,8 956C/20,8-956E/20,8 957/20,8-959/20,8-959L	3	009590226

960

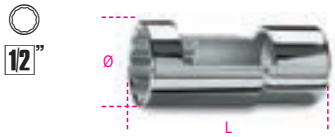
1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	2	009600027

960A

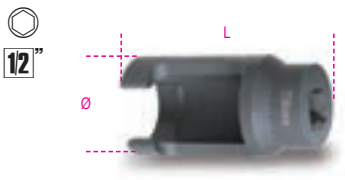
1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm		
27	36,5	77	2	009600017

960BT

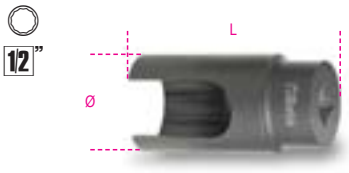
sockets for injector electrical connections



mm	Ø mm	L mm		
25	37,0	78	1	009600125
27	39,7	78	1	009600127
29	42,0	78	1	009600129
30	43,0	78	1	009600130

960BT/B

sockets for injector electrical connections



mm	Ø mm	L mm		
29	38,5	77	1	009600128

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	● mm	L mm		
28,5	22	32	122	1	009600151

960L

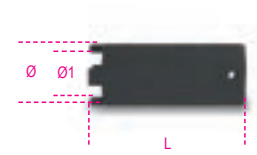
socket for nozzle holder ring nuts



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

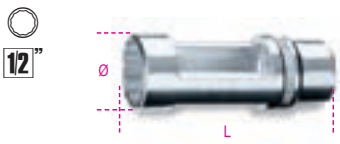
set of sockets for nozzle holder ring nuts



960H/C4	1	009600152

960S

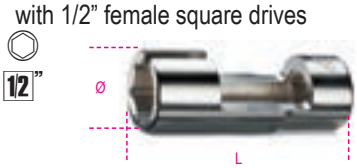
1/2" square drive socket for Diesel engine injectors



mm	Ø mm	L mm		
22	30	82	1	009600022

960SL

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



	Ø mm		
960SL85	33	2	009600085
⎔ 22xL= 85 mm			
960SL110	33	2	009600110
⎔ 22xL= 110 mm			

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

960/22EP

double head swivel socket wrench for Lambda probes

Double hexagon/bi-hex and 180° joint result in remarkable versatility



L mm	⎔ mm	⎔ mm		
300	22	22	1	009600052

960AVE

device for testing common rail diesel electrical injectors



960AVE	1	009600245

430x310x50 mm - 2,0 kg

960K/AVE2

kit of adaptors for item 960AVE

(included in item 960AVE)



960K/AVE	1	009600249

250x150x30 mm - 523 g

960CMB

instrument for controlling compression on petrol engines



Bar		
4÷17	1	009600250

440x370x100 mm - 2,2 kg

960CMD

instrument for controlling compression on Diesel engines



Bar		
8÷40	1	009600270

440x370x100 mm - 2,2 kg

960EPC

Set of tools for removing glow plug electrode



960EPC	1	009600790

270x230x80 mm - 900 g

960E-PI/P

injector washer extractor

- **Male thread M10 for use with sliding hammer (Beta 1540)**



960 E-PI/P	1	009600706

300x90x60 mm

960KC-M8

assortment of tools for removing broken or damaged glow plugs M8

- **For glow plugs with thread M8x1.0 mm**
- **Allows broken glow plugs stuck in head to be easily removed**



960 KC-M8	1	009600800

400x300x60 mm - 1,5 kg

960KC-M8/M9/M10

assortment of tools for removing broken or damaged glow plugs

- **For spark plugs with threads M8-M9-M10**



960KC-M8/M9/M10	1	009600801

380x290x50 mm - 2,3 kg

960KPC

reversible impulse extractor with adjustable torque for glow plugs

Torque can be adjusted in 4 positions: 10-20-30-40 Nm

1/4"



960KPC	1	009600780
8-9-10-11-12 mm		

420x185x60 mm - 2,8 kg

960P

pressure/depressure tester with accessories and adaptors



960P	1	009600777

350x320x95 mm - 1,9 kg

960PI

assortment of reamers for cleaning injector seats in plastic case

For removing residues from injector seats
- Flat reamer, Ø 19 - 15 mm, for universal injectors
- Flat reamer, Ø 17 - 17 mm, for Delphi/Bosch injectors (BMW/PSA/Renault/Ford)
- Flat reamer, Ø 19 - 17 mm, for Bosch injectors (Mercedes CDI).
- Angled reamer, Ø 21 - 17 mm, for Fiat/Iveco injectors.
- Handle



960PI	1	009600215

250x130x50 mm - 600 g

960PI/P

assortment of 14 special tools and reamers for cleaning injector seats



Assortment contents:
- 3 flat reamers, ø 19/15 mm - ø 17/17 mm - ø 19/17 mm
- 2 angled reamers, ø 21/17 mm - ø 17/17 mm
- injector washer pulling tool
- cutter cleaning brushes
- injector cleaning brush
- handle and cutter accessories

960PI/P	1	009600216

373x280x61 mm - 2,5 kg

960PI/S

kit for cleaning injector seats

Kit contents:
- 3 steel brushes, Ø 18, 22, 25 mm, for cleaning injector seats
- 2 brushes, Ø 14 and 16 mm, for cleaning injector seat bottoms
- 6 caps for closing hole connecting with combustion chamber
- 1 brush for cleaning hole connecting with combustion chamber
- 1 flexible bit holder with handle



960PI/S	1	009600214

360x140x50 mm - 700 g

960PMC

Diesel injector test and calibrating hand pump



Bar Max.		
400	1	009600200

960AVL

vapour extractor



Bar Max.		
6	1	009600210

960AD/TP2

set of adaptors for item 960TP in plastic case



960AD/TP2	1	009600510

430x310x50 mm - 3,2 kg

960W

wireless PC receiver (for items 960TP - 960TAP)

Suitable for Windows 2000 SP3, XP, Vista and 7 systems



TECHNICAL DATA
Connection: USB 1.0 and 2.0
Receiving frequency: 868 Mhz
Power supply: auto-supplied via USB
Software: CD-ROM

960W	1	009600400

961D

Digital electronic videoscope with 5.5 mm probe

- Allows individual still images and video clips to be recorded and played back directly on tool



- Probe with head Ø 5.5 mm and length 90 cm
- LCD TFT display, 7" (18 cm), with resolution 800x480
- digital camera with front and side view
- "Cfast"-type probe connection
- image repetition frequency: 15 frames per second
- 2x digital zoom
- micro-USB connector for uploading images
- micro-HDMI video output
- Micro-SD card input
- Micro-USB input
- power supply allows unit to be used while battery is charging
- microphone and speaker for adding and listening to voice annotations while recording/playing back
- Wi-Fi connection

961D	1	009610500

400x340x85 mm - 2,6 kg

961D/CF3,8

1-m probe with 3.8-mm front camera for videoscope item 961D



961D/CF3,8	1	009610511

961D/DC8,5

1-m probe with dual UV camera for videoscope item 961D



961D/DC8,5	1	009610513

961P6

electronic videoscope
with flexible probe



- Supports SD cards (8 GB)
- Supports flash memories (8 GB)
- Internal memory: 128M
- TV-OUT feature
- Supports video formats (MP4, AVI, 3GP)
- 4 LEDs
- Power supplied by USB port (built-in battery)

SPECIFICATIONS

- Sensor pixels: 640x480
- Maximum resolution: 320x240
- Probe length: 1 m
- Camera diameter: 6 mm
- Video formats: MPEG4, 3GP, AVI,ASF.
- Photo formats: JPEG
- Shooting angle: 0÷180°
- Data output: USB cable and SD card
- Power supply: 3.7V 2000 mAh battery

961P6	1	009610000

961P6/S

flexible probes, 6 mm



	L mm		
961 P6/S-2MT	2000	1	009610262
961 P6/S-3MT	3000	1	009610263

962

tyre levers



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

963

pry bar with pointed and flat bent ends



L mm	A mm		
400	23	5	009630001

964

pry bar with pointed and leverage ends



L mm	A mm		
400	46	5	009640001

965

pry bars with flat curved ends



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



965/S3	1	009650019

966/C3

set of 3 levers with articulated, flat, curved heads



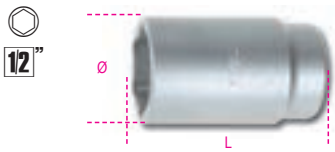
966/C3	1	009660103

L=200-250-300 mm

355x140x65 mm - 1,8 kg

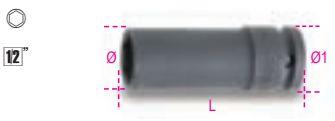
969A

hub nut locking socket



mm	Ø mm	L mm		
35	46	76	1	009690035

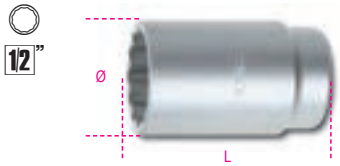
720LS



	mm	Ø mm	L mm	Ø1 mm		
720LS 36	36	48,0	78	29	2	007200386

969B

hub nut locking socket



mm	Ø mm	L mm		
24	36,0	76	1	009690124
27	36,0	76	1	009690127
30	40,0	76	1	009690130
31	42,0	76	1	009690131
32	42,5	76	1	009690132
34	45,0	76	1	009690134
36	49,0	76	1	009690136

969/C5

set of 5 hub nut locking sockets
in plastic case

1/2"



969/C5	1	009690200

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



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

970Q
impact sockets for rectangular nuts

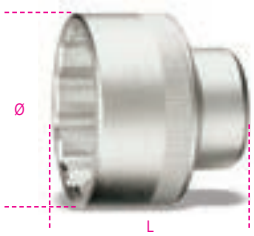
3/4"



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

971TSP
tyre pressure sensor tool



TPMS EU

AVAILABLE ONLY IN EU

SPECIFICATIONS
• reading of TPMS sensor information, including:
sensor ID
inflation pressure
temperature
battery state
• sensor activation
• universal sensor programming

The tool has a database which supports repair operations, including:
• driving torques
• codes of original spare parts and compatible universal sensors

971TSP	1	009710025

63x142x30 mm

971/C8
torque screwdriver with accessories for controlled tightening of tyre valves with pressure control system



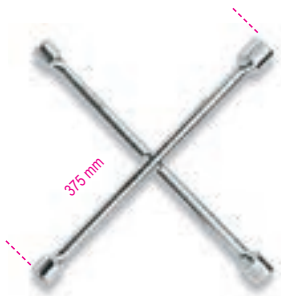
971/C8	1	009710108



583/6	1,2÷6 Nm	
892/0		
✪ 862TX	T10-T15-T20	
⬡ 900L	11-12 mm	
986 78		

978 - 979
four-way hexagon wheel nut wrenches

1/2"

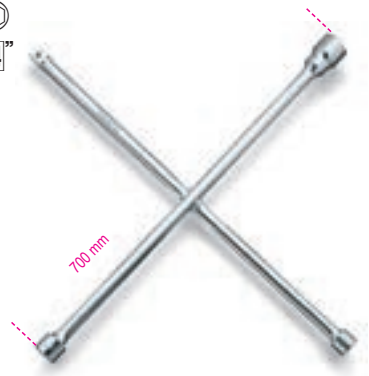


UNI/ISO 6788 DIN 3119

978 17x19x21x22 mm	2	009780001
979 17x19x22x■1/2 mm	2	009790001

982
four-way hexagon wheel nut wrench

3/4"



UNI/ISO 6788 DIN 3119

24x27x32x■3/4 mm	1	009820001

985/B7

assortment of 7 guide pins for wheel installation

Included sizes:
- M12X1.25 male
- M12x1.25 female
- M12x1.5 male
- M12x1.5 female
- M14x1.25 male
- M14x1.5 male
- M16x1.5 male



985 /B7	1	009850007

985M

male guide pins for wheel installation



	L mm		
985M/M12x1,25	150	1	009850101
985M/M12x1,50	150	1	009850102
985M/M14x1,25	150	1	009850103
985M/M14x1,50	150	1	009850104
985M/M16x1,50	150	1	009850105

985F

female guide pins for wheel installation



	L mm		
985F/F12x1,25	150	1	009850106
985F/F12x1,50	150	1	009850107

986 48

tyre valve screwdriver, short model

automatic valve retention

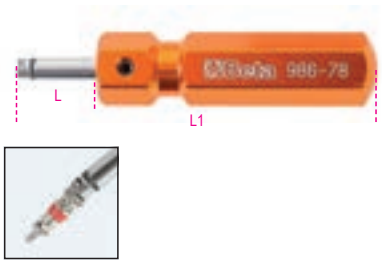


L mm	L1 mm		
18	48	1	009860048

986 78

tyre valve screwdriver

automatic valve retention



L mm	L1 mm		
18	78	1	009860078

987

tyre valve lever with rubber protection



L mm		
310	1	009870001

987P

tyre valve lever made of plastic

Handle accommodates screwdriver to work on mechanism inside valve



L mm		
335	1	009870011

988/K4

set of 4 scratchproof plastic flat chisels



988/K4 A= 19-21-25-38 mm	1	009880104

989

wheel balancing weight tool



L mm		
250	2	009890001

990

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



L mm		
130	5	009900001

991

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



L mm		
130	5	009910001

992

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



L mm		
150	5	009920001

993

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



L mm		
145	5	009930001

993PL

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



L mm		
150	3	009930010

993G

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



L mm		
160	3	009930030

994

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



L mm		
150	5	009940001

994PL

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



L mm		
150	3	009940010

994TF

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



L mm		
150	3	009940020

996

straight end spring tweezers with wide tips made from stainless steel bright finish



L mm		
150	5	009960001

998

cross knurled end spring tweezers made from stainless steel bright finish



L mm		
155	5	009980001

999

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



L mm		
115	3	009990011

999A

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



L mm		
120	3	009990015

999B

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



L mm		
120	3	009990017

999C

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



L mm		
110	3	009990019

999D

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



L mm		
115	3	009990021

999E

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



L mm		
120	3	009990023

999G

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



L mm		
140	3	009990027

999/B6

set of 6 spring tweezers, acid and magnetic resistant



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

1002

self-locking round end knurled tool made of stainless steel



L mm		
160	2	010020001

1008

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



ISO 5745

L mm	L1 mm		
160	51,5	5	010080006

1008BM

long flat knurled nose pliers bi-material handles

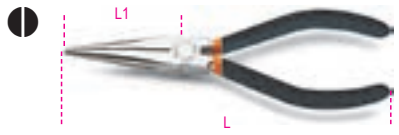


ISO 5745

L mm	L1 mm		
160	51,5	3	010080036

1009

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



L mm	L1 mm		
160	56,5	2	010090006

1009L/A

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



L mm	L1 mm		
283	80	2	010090008

1009L/B

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



L mm	L1 mm		
273	73	2	010090009

1009L/C

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



L mm	L1 mm		
253	45	2	010090010

1009L/D

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



L mm	L1 mm		
342	71	1	010090058

1009L/DP

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



L mm	L1 mm		
336	66	1	010090059

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

1031/S4

set of 4 circlip pliers



1031/S4		1	010310000
1032 180	⊙ 19 ÷ 60		
1034 170	⊙ 19 ÷ 60		
1036 175	● 19 ÷ 60		
1038 175	● 19 ÷ 60		

1032

internal circlip pliers, straight pattern PVC-coated handles



UNI 7914 DIN 5256

L mm	⊙ Ø 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	⊙ Ø 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	⊙ Ø 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	⊙ Ø mm		
190	40÷100	2	010340320

1036

external circlip pliers, straight pattern
PVC-coated handles



UNI 7915 DIN 5254

L mm	● Ø 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	● Ø 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	● Ø 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

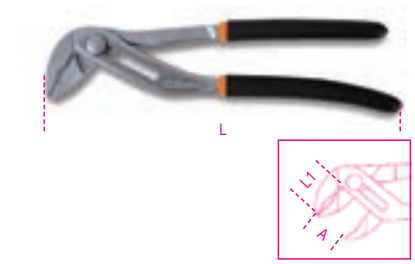


L mm	⊙ Ø mm	● Ø mm		
150	10÷15	6÷25	2	010390015

1044

slip joint pliers overlapping joint
PVC-coated handles

· 9-position model



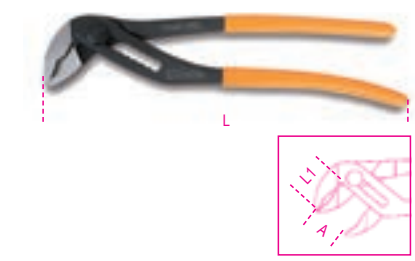
ISO 8976

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

1044F

slip joint pliers
overlapping joint
PVC-coated handles

· 9-position model

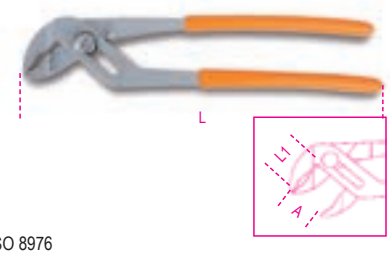


ISO 8976

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

1046

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

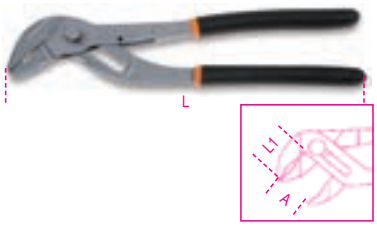


ISO 8976

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

1047

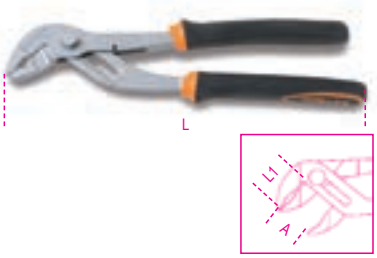
slip joint pliers, push button adjustment



L mm	A max mm	L1 mm		
180	30	29	2	010470180
240	36	35	2	010470240
300	50	48	1	010470300

1047BM

slip joint pliers, push button adjustment,
bimaterial handles

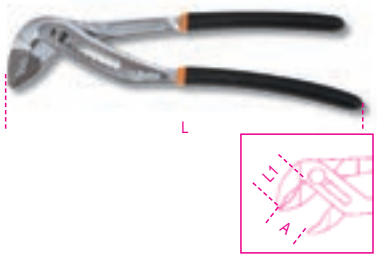


L mm	A max mm	L1 mm		
240	36	35	2	010470340

1048

Slip joint pliers, boxed joints,
slip-proof double layer PVC coated handles

· 9-position model



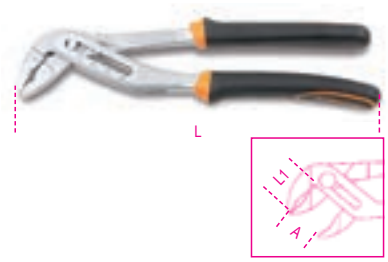
ISO 8976

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



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

1048V

slip joint pliers boxed joints, orange lacquered

· new 9-position model

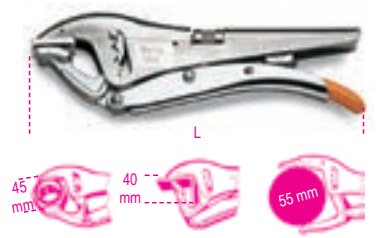


ISO 8976

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

1050

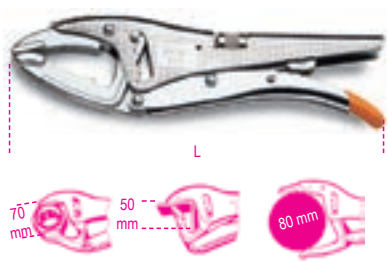
double adjustment self-locking pliers



L mm		
220	2	010500022

1051

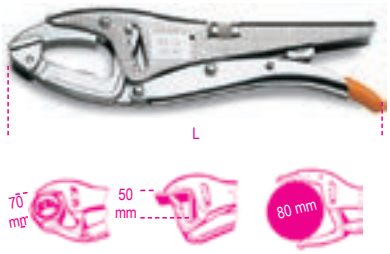
double adjustment self-locking pliers long jaws



L mm		
255	2	010510025

1051GM

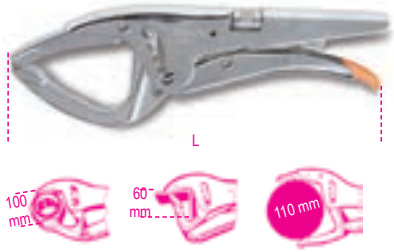
double adjustment self-locking pliers, floating jaw



L mm		
255	2	010510250

1051L

large-capacity double adjustment self-locking pliers



L mm		
270	2	010510100

1051XL

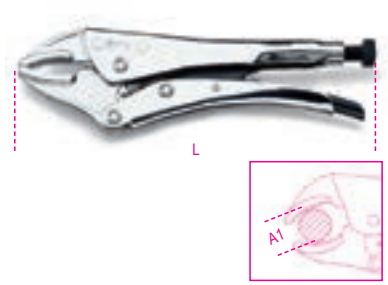
large-capacity double adjustment self-locking pliers, extra-long jaws



L mm		
270	2	010510140

1052

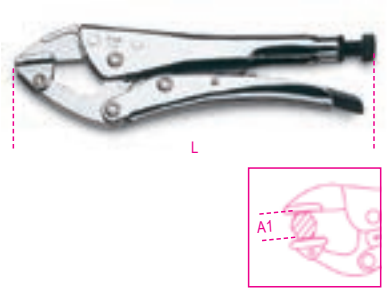
adjustable self-locking pliers, concave jaws



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

1053

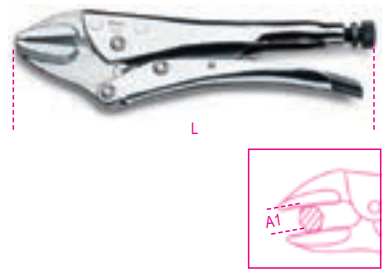
adjustable self-locking pliers, floating jaw



L mm	A1 max mm		
240	35	2	010530024

1054

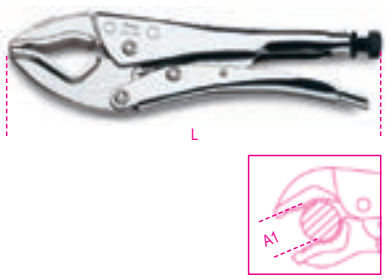
adjustable self-locking pliers, straight jaws



L mm	A1 max mm		
235	40	2	010540022

1055

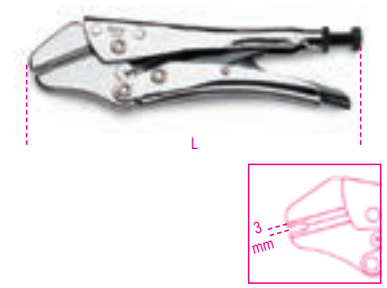
adjustable self-locking pliers, curved jaws



L mm	A1 max mm		
250	60	2	010550024

1056

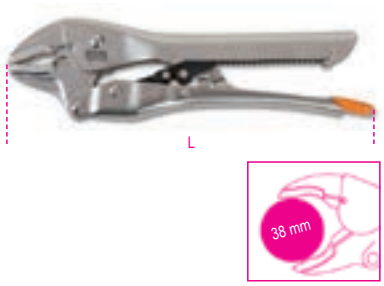
adjustable self-locking pliers for refrigerator engineers



L mm		
190	2	010560019

1057A

automatic self-locking pliers with adjustable force



L mm		
240	2	010570124

1058

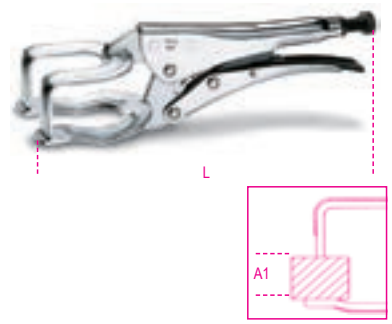
adjustable self-locking pliers, long jaws



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

1060

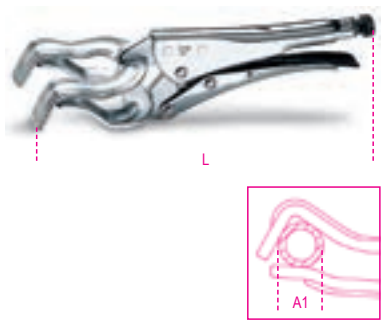
adjustable self-locking pliers, fork-type jaws



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

1061

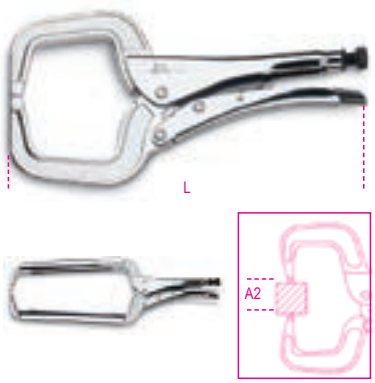
adjustable self-locking pliers, fork-type jaws



L mm	A1 max mm		
290	80	2	010610028

1062

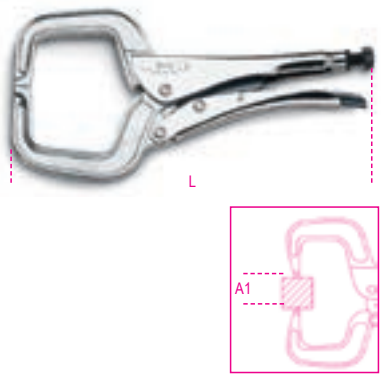
adjustable self-locking pliers with C-shaped jaws



L mm	A1 max mm		
170	50	2	010620017
290	120	2	010620029
460	250	1	010620046

1062AL

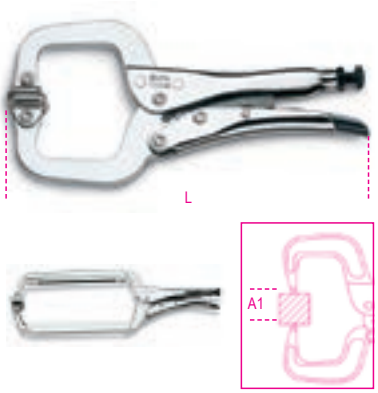
adjustable self-locking pliers, aluminium C-shaped jaws



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	1	010620246

1063

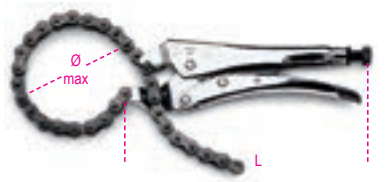
adjustable self-locking pliers for tinsmiths



L mm	A1 max mm		
200	30	2	010630020

1064

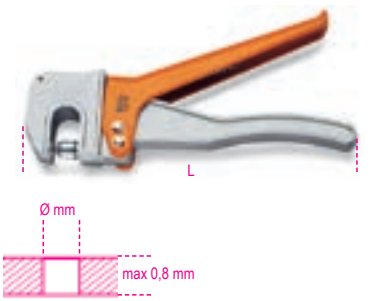
adjustable self-locking pliers with chain



L mm	Ø mm		
240	150	2	010640024

1065F

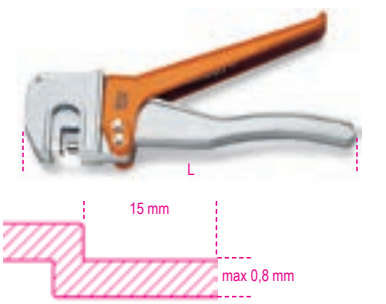
hand punch steel punch and matrix



ø mm	L mm		
5	228	1	010650010
6	228	1	010650015

1065P

hand crimper steel matrix



L mm		
228	1	010650020

1077

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



L ~	A mm	L1 mm		
280	60	53	1	010770026

1078

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

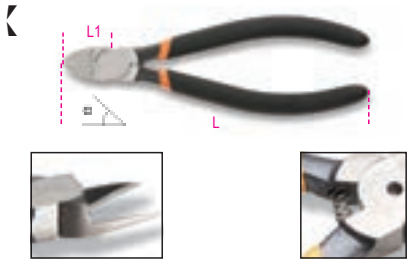


L ~	A mm	L1 mm		
280	60	77	1	010780026

1080D

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

For cutting plastic



α	L mm	L1 mm		
15°	160	22	3	010800015
45°	160	22	3	010800045

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

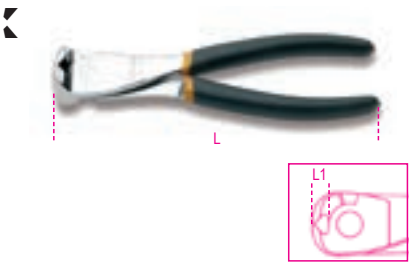


UNI/ISO 5749

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

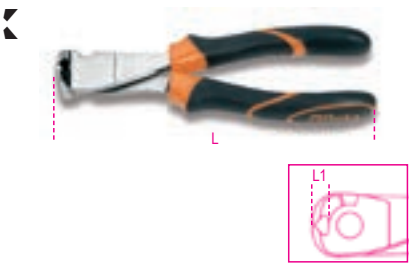


UNI/ISO 5748

L mm	L1 mm	mm		
160	9	1,6	2	010880006
200	11	2,0	2	010880010

1088BM

heavy duty end cutting nippers,
bi-material handles

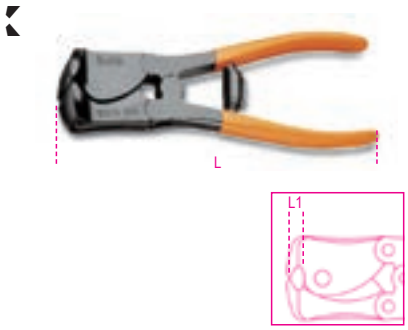


UNI/ISO 5748

L mm	L1 mm	mm		
160	9	1,6	2	010880036
200	11	2,0	2	010880040

1092V

toggle lever assisted end cutting nippers



UNI/ISO 5748

L mm	L1 mm	mm		
180	8	2,0	2	010920280
200	9	2,5	2	010920310

1094V

toggle lever assisted
diagonal cutting nippers



UNI/ISO 5749

L mm	L1 mm	mm		
200	23	2,5	2	010940200

1095N

toggle lever assisted
diagonal cutting nippers



L mm	L1 mm	mm		
195	26	1,6	2	010950010

1096

carpenter's pincers



ISO 9243

L ~	L1 mm		
160	21	5	010960016
200	23	5	010960020
250	30	5	010960025

1098
construction worker's pincers



ISO 9242 DIN 5242

L ~ mm	L1 mm		
190	12	5	010980190
220	13	5	010980220
250	15	5	010980250
280	18	5	010980280

1098PL
construction worker's pincers,
PVC coated handles



ISO 9242 DIN 5242

L ~ mm	L1 mm		
220	13	5	010980320
250	15	5	010980350
280	18	5	010980380

1101
bolt cutter phosphatized blades
and rubber grip handles



L mm	L "		
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=mm² Ø mm	R = 140 Kgf=mm² Ø mm	g	
300	5	4	745	
350	6	5	1043	
450	7	6	1537	
600	9	7	2540	
750	11	8	3870	
900	12	9	6170	

1101R
spare blades for item 1101



mm	1101		
300	300	1	011010130
350	350	1	011010135
450	450	1	011010145
600	600	1	011010160
750	750	1	011010175
900	900	1	011010190

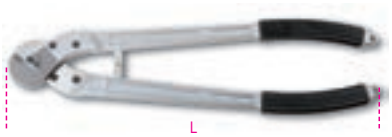
1102
bolt cutters, small series

Cutting capacity
R= 80 Kgf/mm²



L ~ mm	mm		
230	4	3	011020020

1104
heavy-duty cutters for flexible steel cables,
handles with thermoplastic grips



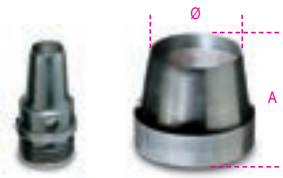
L mm	mm		
420	12	1	011040004
600	16	1	011040006

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
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/C15T	1	011050251

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

1105T30

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 mm

1105T50

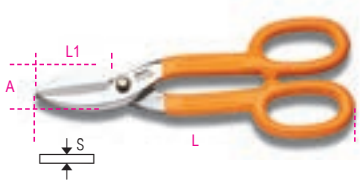
1105AD-50

325x280x55 mm

1112

tin snips straight wide blades

Cutting capacity
R= 60 Kgf/mm²

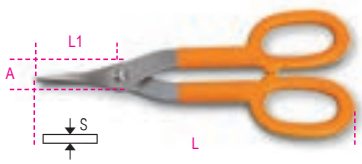


L ~	L1 mm	S mm	A mm		
200	50	0,5	26	2	011120020
250	62	0,8	33	2	011120025
300	76	1,0	37	2	011120030
375	76	1,2	44	1	011120037

1114

tin snips straight narrow blades

R = 60 Kgf/mm²

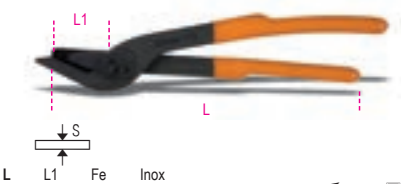


L ~	L1 mm	S mm	A mm		
250	58	0,5	15	1	011140265
350	76	1	22	1	011140340

1118

safety strap cutting shears

Fe = normal steel
Inox = stainless steel



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

1120A

hand nibbler

Fe = normal steel



L mm	Fe 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 mm	Inox S mm	A mm		
250	40	1	24	2	011220020

1123

right cut compound leverage shears, curved blades

Inox = stainless steel

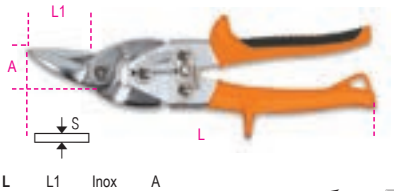


L ~	L1 mm	Inox S mm	A mm		
250	40	1	24	2	011230020

1124

left cut compound leverage shears, curved blades

Inox = stainless steel

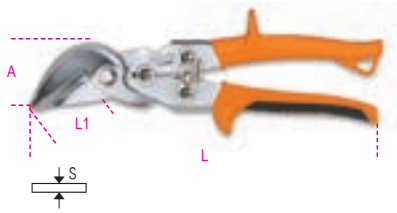


L ~	L1 mm	Inox S mm	A mm		
250	40	1	24	2	011240020

1125

compound leverage shears for straight and right cuts

Inox = stainless steel

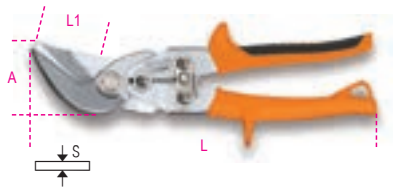


L ~	L1 mm	Inox S mm	A mm		
250	35	1	46	2	011250020

1126

compound leverage shears for straight and left cuts

Inox = stainless steel



L ~	L1 mm	Inox S mm	A mm		
250	35	1	46	2	011260020

1122 - 1125MOL



1122 MOL	1122 - 1124	1	011220010
1123 MOL	1123	1	011230010
1125 MOL	1125 - 1126	1	011250040

1127

telephone engineer's scissors, straight blades



L mm	L1 mm		
150	35	5	011270001

1128BAX

Double-acting electricians' scissors,
with milling profiles in DLC-coated stainless steel

Double-acting cutting: a special cam on the fulcrum allows the blades to run lengthwise, which results in increased cutting power while closing the blades.

Profile and mill: designed to enlarge holes on plastic, from 13 mm to 25 mm.

DLC coating: DLC (diamond-like carbon) is an innovative carbon-based coating: the high hardness and low coefficient of friction arise from the simultaneous presence of carbon on the surface in the form of graphite, and diamond.

- High blade surface hardness (resistance to abrasion and wear)
- Low coefficient of friction (smoothness and anti-adherence)
- Anti-loose eccentric pin
- Large handles with pipe throttling grooves
- With articulated plastic case
- Patented



L mm	L1 mm	mm²		
150	50	50	5	011280088

1128BCX

electrician's scissors,
straight stainless steel blades,
with microteeth, cable cutting groove and crimping pliers for tube terminals

tube terminal crimping: 1÷4 mm²
in jointed plastic case



L mm	L1 mm	mm²		
155	55	50	5	011280080

1128BMX

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



L mm	L1 mm		
145	54	5	011280050

1128BSX

electrician's scissors
with graduated milling profiles with case



L mm	L1 mm		
145	50	5	011280060

1128BTX

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



L mm	L1 mm	mm²		
155	55	50	5	011280070

1128BM

electrician's scissors, straight blades



L mm	L1 mm		
145	50	5	011280000

1129BM

electrician's scissors, curved blades



L mm	L1 mm		
145	44	5	011290000

1130BMX

Multiuse scissors,
straight stainless steel blades,
with microteeth



L mm	L1 mm		
190	58	1	011300001

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	mm²		
170	14	50	2	011320107
230	18	95	2	011320113

1132BM

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



UNI 8791

L ~	mm	mm²		
170	14	50	2	011320137
230	18	95	2	011320143

1133

cable cutter for copper cables, flexible

up to 325 mm²



L ~	mm	mm²		
600	32	300	1	011330001

1133RL

spare blades for item 1133



1133RL	1	011330011

1134

ratchet cable cutters burnished finish, plastic handles



L mm	mm	mm²		
260	35	400	1	011340032

1134RL

spare blade for item 1134



1134RL	1	011340132

1134A

ratchet cable cutters burnished finish, plastic handles



L mm	mm	mm²		
240	45	500	1	011340045

1134A/RL

spare blade for item 1134A



1134A/RL	1	011340145

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	011360001

1142BM

wire stripping pliers, bi-material handles



UNI 7923

L mm	mm²	mm		
160	0,5÷6	0-2,8	3	011420036

1143

wire stripping pliers



L ~ mm	mm²	mm		
165	1÷6	1-3,2	1	011430001

1143R

spare blades for item 1143

1143R	1	011430011

1144D

cable stripping tool



L mm	mm²	mm		
170	4,5÷240	2,5-18	1	011440010

1144D/RG

spare hook for item 1144D



1144D/RG	1	011440012

1144D/RL

spare blades for item 1144D

1144D/RL	1	011440011

1144G

cable stripping tool

with adjustable blade for transverse and longitudinal cuts



L mm	mm²	mm		
140	6÷75	2.8-12	1	011440004

1144G/RL

spare blade for item 1144G



1144G/RL	1	011440005

1148A

wire stripping pliers, self-adjusting, with cutting device

cutting capacity
10 mm² (8 AWG) flexible wires
1,5 mm² (16 AWG) sturdy wires



L mm	mm²	mm		
190	0,02÷10	0-4	1	011480100

1148A/R

spare blades for item 1148A



1148A/R	1	011480102

1148B

wire stripping pliers, self-adjusting, with cutting device

cutting capacity
10 mm² (8 AWG) flexible wires
1,5 mm² (16 AWG) sturdy wires



L mm	mm²	mm		
190	4÷16	2-5	1	011480200

1148B/R

spare blades for item 1148B



1148B/R	1	011480202

1149F

front wire stripping pliers with cutting blade, self-adjusting



L mm	mm²		
175	0,2 ÷ 6	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

1153

adjustable pliers,
two positions, PVC-coated handles



UNI ISO 9343

L mm	L1 mm		
200	34	2	011530120

1162

extra long flat knurled nose pliers,
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

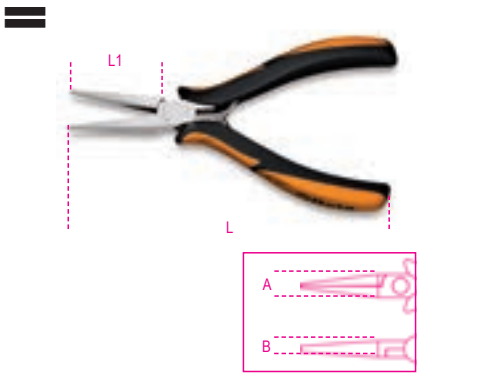


ISO 9655

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

1173BM

round short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
125	22	12	8	2	011730101

1175BM

smooth half-round short nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	29	12	8	2	011750101

1177BM

smooth half-round long nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	38	12	8	2	011770101

1177BM/Z

half-round long knurled nose pliers
bi-material handles



ISO 9655

L ~	L1 mm	A mm	B mm		
140	39	12	8	2	011770113

1178BM

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



ISO 9655

L ~	L1 mm	A mm	B mm		
140	37	12	8	2	011780101

1178BM/P

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



L ~	L1 mm	A mm	B mm		
140	36,5	12	12	2	011780102

1182BM

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



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011820101

1183BM

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



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011830101

1184BM

diagonal flush cutting nippers,
rounded tips
bi-material handles



ISO 9654

L mm	L1 mm	A mm	Cu mm		
120	11	10	1	2	011840101
130	13	12,5	1,25	2	011840102

1185BM

diagonal flush cutting nippers,
slim tips
bi-material handles



ISO 9654

L 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

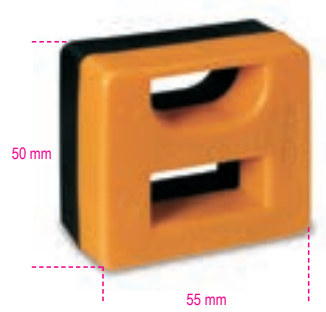


ISO 9654

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



ISO 2380

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
0,6x3,5X75	171	3,5	5	012010018
0,6x3,5x100	196	3,5	5	012010021
0,8x4x100	196	4,0	5	012010030
0,8x4x125	221	4,0	5	012010033
0,8x4X150	246	4,0	5	012010036
1,0x5,5x100	209	5,0	5	012010039
1,0x5,5X125	234	5,0	5	012010040
1,0x5,5x150	259	5,0	5	012010042
1,2x6,5X100	220	6,0	5	012010048
1,2x6,5x150	270	6,0	5	012010051
1,2x8x150	282	8,0	3	012010057
1,2x8X200	332	8,0	3	012010060
1,6x10x200	332	9,5	3	012010066



1201/S6	1	012010206
0,5x3x75-0,6x3,5x100 0,8x4x100-1,0x5,5x100 1,2x8x150-1,6x10x200 mm		

1201N

screwdrivers for slotted head screws, extra-short series

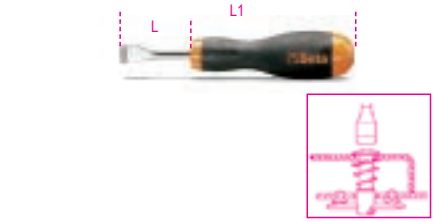


ISO 2380

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

PHxDxL mm	L1 mm		
0x3x60	156	5	012020003
0x3X100	200	5	012020006
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

PHxDxL mm	L1 mm		
1x4,5x30	86,5	3	012020103
2x6x30	86,5	3	012020106

1203/D

set of screwdrivers



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/D10N	1	012030019
1201	2,5x50-3x75-4x100-5,5x150 6,5x150 mm	
1201N	4x30 mm	
1202	PH0x60-PH1x80-PH2x100 mm	
1202N	PH1x30 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	
1204	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



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
T40	130	262	7	2	012070040
T45	130	262	8	2	012070045



1207TX/D7 1 012070207
T6-T8-T10-T15
T20-T25-T30

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
T40	130	262	7	2	012080040



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

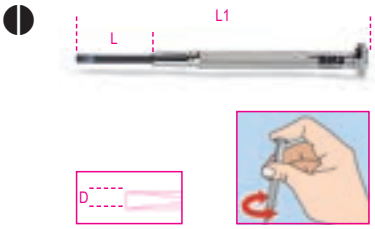


1209PZ/S4 1 012090204
PZ0-PZ1-PZ2-PZ3



1229LP

micro-screwdrivers for headless slotted screws



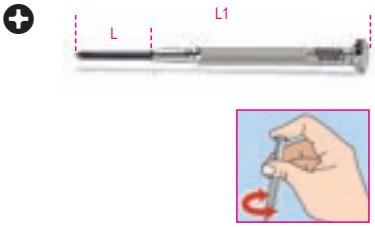
D mm	L mm	L1 mm		
1,0	17	75	5	012290210
1,2	21	85	5	012290212
1,4	21	89	5	012290214
1,8	23	94	5	012290218
2,0	23	98	5	012290220
2,4	26	103	5	012290224
3,0	28	108	5	012290230



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

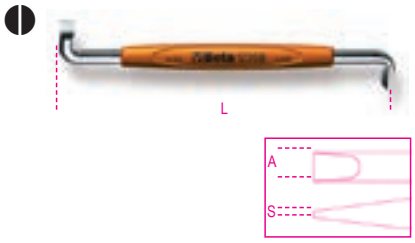


1229LPH/A6 1 012290310

1229LP	1,4-2,0-2,4-3 mm
1229PH	PH0-PH1

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

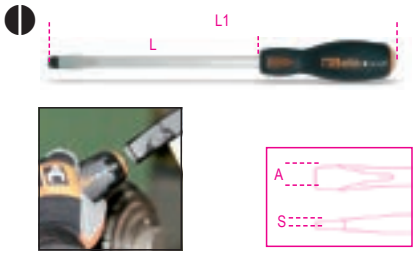


UNI 7083 DIN 5208

PH	L mm		
1-2	125	5	012380201
3-4	200	5	012380203

1241

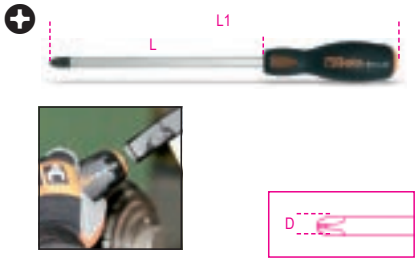
screwdrivers with steel head for slotted head screws



SxAxL mm	L1 mm		
1x5,5x100	202	5	012410039
1,2x6,5x125	240	5	012410050
1,2x8x150	268	3	012410057
1,6x10x200	325	2	012410066

1242

screwdrivers with steel head for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x100	202	5	012420209
2x6x100	215	5	012420218
3x8x150	268	3	012420221
4x11x200	325	2	012420224

1243/D7

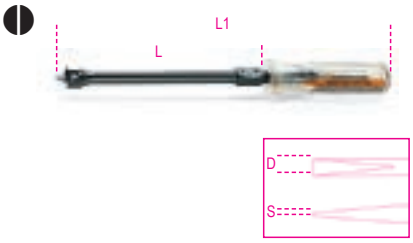
Set of 7 screwdrivers with steel heads



1243/D7		1	012430017
1241	1x5,5x100-1,2x6,5x125 1,2x8x150-1,6x10x200 mm		
1242	PH1x4,5x100-PH2x6x100 PH3x8x150 mm		

1250

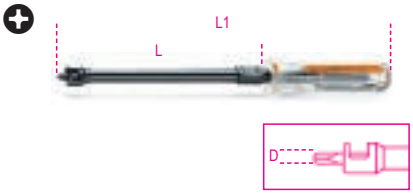
screwholding screwdrivers
for slotted head screws



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

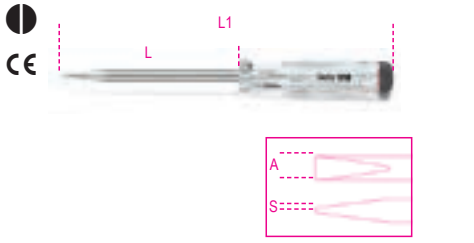
1252/S5



1252/S5		1	012520001
1250	0,5x3x125-0,6x4x125 0,7x5x150 mm		
1251	PH1x5x150-PH2x6x175 mm		

1253

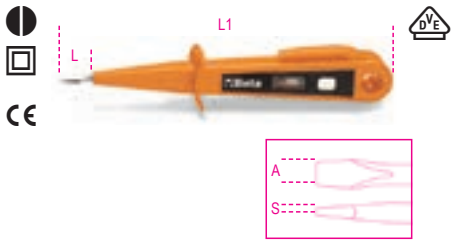
mains testing screwdriver 150/250V



SxAxL mm	L1 mm		
0,5x3,5x100	190	5	012530001

1253A

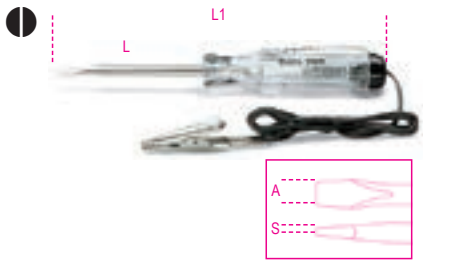
mains testing screwdriver 125/250V,
double insulation



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



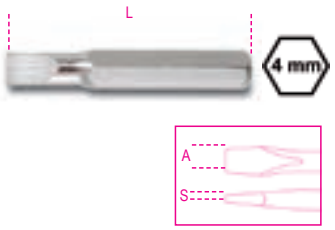
1256/C36-2		1	012560100

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® - Supradriv® screws



PZ	L mm		
000	27	5	012560061
00	27	5	012560062
0	27	5	012560063
1	27	5	012560064

1256PE

4-mm bits
for hexagon head screws



mm	L mm		
0.7	27	5	012560021
0.9	27	5	012560022
1.3	27	5	012560023
1.5	27	5	012560024
2.0	27	5	012560025

1256TX

4-mm bits
for Torx® head screws



	L mm		
T3	27	5	012560041
T4	27	5	012560042
T5	27	5	012560043
T6	27	5	012560044
T7	27	5	012560045
T8	27	5	012560046
T9	27	5	012560047
T10	27	5	012560048
T15	27	5	012560049

1256RTX

4-mm bits
for Tamper Resistant Torx® head screws



	L mm		
T6	27	5	012560051
T7	27	5	012560052
T8	27	5	012560053
T9	27	5	012560054
T10	27	5	012560055

1256/20

hexagon drive extension, 4 mm



1256/20	5	012560092

1256/30

4-mm bit holder with handle



L mm		
110	2	012560097

1257LP

micro-screwdrivers
for slotted head screws



SxD mm	L mm		
0,2x1,2	60	5	012570012
0,25x1,5	60	5	012570015
0,3x1,8	60	5	012570018
0,4x2	60	5	012570020
0,4x2,5	60	5	012570024
0,5x3	60	5	012570030
0,6x3,5	60	5	012570035
0,8x4	60	5	012570040



1257LP/S8 0,2x1,2-0,25x1,5 0,3x1,8-0,4x2-0,4x2,5 0,5x3-0,6x3,5-0,8x4 mm	1	012570200

1257PH

micro-screwdrivers
for cross-head Phillips® screws



PH	L mm		
00	60	5	012570060
0	60	5	012570063
1	60	5	012570066

1257LPH/S8



1257LPH/S8	1	012570210
1257PH 1257LP	PH00-PH0-PH1 0,4x2-0,4x2,5-0,5x3 0,6x3,5-0,8x4 mm	

1257ES

micro-screwdrivers hexagon male ends



mm	L mm		
0,9	60	5	012570045
1,3	60	5	012570046
1,5	60	5	012570047
2	60	5	012570048
2,5	60	5	012570049
3	60	5	012570050

1257ESB/S8



1257ESB/S8	1	012570230
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	60	5	012570075
T6	60	5	012570076
T7	60	5	012570077
T8	60	5	012570078
T9	60	5	012570079
T10	60	5	012570080
T15	60	5	012570081
T20	60	5	012570082



1257TX/S8	1	012570220
T5-T6-T7-T8		
T9-T10-T15-T20		

1257BE

micro-screwdrivers hexagon socket wrenches



	L mm		
3,2	60	5	012570085
4	60	5	012570086
5	60	5	012570087
5,5	60	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



ISO 2380

SxAxL mm	L1 mm	Ø mm		
1,2x6,5x150	269	6,0	3	012600156
1,2x8x175	301	8,0	3	012600157
1,6x10x200	327	9,5	2	012600159
2x12x250	377	9,5	2	012600162

1262

screwdrivers for cross head Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	160	5	012620003
0x3x100	200	5	012620006
1x4,5x80	188	5	012620009
1x4,5x120	228	5	012620012
2x6x100	219	5	012620018
2x6x150	269	5	012620021
3x8x150	277	3	012620024
4x10x200	327	3	012620027



1262/S4	1	012620304
PH0x3x60-PH1x4,5x80		
PH2x6x100-PH3x8x150 mm		

1262N

screwdrivers for cross head Phillips® screws, extra-short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	87	5	012620103
2x6x30	87	5	012620106

1262E

screwdrivers
for cross head Phillips® screws
with hexagon bolsters



UNI/ISO 8764

PHxDxL mm	L1 mm		
2x6x150	269	3	012620153
3x8x175	302	3	012620156
4x10x200	327	2	012620159

1262L

screwdrivers
for cross head Phillips® screws,
long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	400	3	012620203
1x4,5x300	400	3	012620205
1x4,5x400	508	3	012620206
2x6x400	519	3	012620209

1263/D...

set of screwdrivers



1263/D6		1	012630006
1262	PH0x3x60-PH1x4,5x80 PH2x6x100 mm		
1264	0,5x2,5x60-0,6x3x100 0,8x4x125-1x5x125 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 1 012670307
T6-T8-T10-T15
T20-T25-T30



1267TX/S13 1 012670312
T5-T6-T7-T8-T9
T10-T15-T20-T25
T27-T30-T40-T45

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 1 012680307
T9-T10-T15-T20
T25-T27-T30-T40

1269PZ

screwdrivers for cross head
Pozidriv®-Supadriv® screws



UNI/ISO 8764

PZ	L mm	L1 mm		
0	60	160	5	012690000
1	80	188	5	012690001
2	100	219	5	012690002
3	150	277	3	012690003
4	200	327	3	012690004



1269PZ/S4 1 012690304
PZ0-PZ1-PZ2-PZ3

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	⬢ mm		
118	10	5	012810280

1281PM

quick-fit magnetic bit holder



L mm		
165	5	012810292

1281PB

socket holder with 1/4" male drive



L mm		
175	5	012810293

1281LP

reversible screwdrivers
for slotted head screws



1281LP/1 5 012810302
0,8x4-1,2x6,5 mm
1281LP/2 5 012810304
1x5,5-1,2x6,5 mm

1281PH

reversible screwdrivers
for cross head Phillips® screws



PH		
1-2	5	012810310
2-3	5	012810312

1281LPH

reversible screwdrivers
for slotted and Phillips® head screws



1281LPH/1 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

1/4"



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

1/4"



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

1/4"



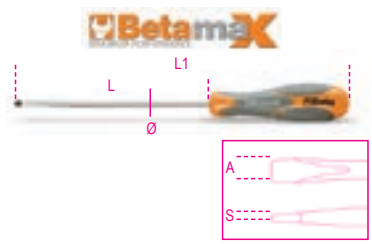
1281BG/B28A	1	012810510

- 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
0,6x3,5x75	171	3,5	10	012900018
0,6x3,5x100	196	3,5	10	012900021
0,8x4x100	196	4,0	10	012900030
0,8x4x125	221	4,0	10	012900033
0,8x4x150	246	4,0	10	012900036
1x5,5x100	209	5,0	10	012900039
1x5,5x150	259	5,0	10	012900042
1,2x6,5x100	220	6,0	10	012900048
1,2x6,5x150	270	6,0	10	012900051
1,2x8x150	282	7,0	3	012900057
1,2x8x200	332	7,0	3	012900060
1,6x10x200	332	8,0	3	012900066
2x12x250	382	10	2	012900069



1290/S...

screwdriver set



1290/S5		1	012900305
1290	0,5x3x75-0,8x4x100 -1x5,5x150 1,2x6,5x150 -1,2x8x150 mm		

1290/S9X		1	012900319
1290	0,4x2,5x75 - 0,5x3,5x100 0,8x4x125 - 1x5,5x150 1,2x6,5x150 - 1,2x8x200 1,6x10x200 mm		
1290N	0,8x4x30 -1,2x6,5x30 mm		

1290N

screwdrivers for slotted head screws
extra short series

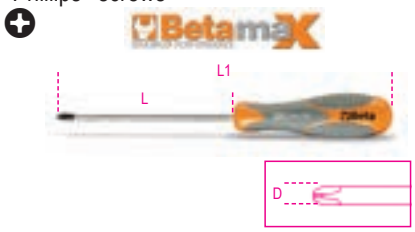


ISO 2380

SxAxL mm	L1 mm	Ø mm		
0,8x4x30	86	4	5	012900103
1,2x6,5x30	86	6	5	012900106

1292

screwdrivers for cross head
Phillips® screws



UNI/ISO 8764

PHxDxL mm	L1 mm		
0x3x60	156	10	012920003
0x3x100	196	5	012920006
1x4,5x80	189	10	012920009
1x4,5x120	229	10	012920012
2x6x100	220	10	012920018
2x6x150	270	10	012920021
3x8x150	282	3	012920024
4x10x200	332	3	012920027



1292/S4		1	012920304
	PH0x3x60-PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

1292N

screwdrivers for cross head
Phillips® screws
extra short series



UNI/ISO 8764

PHxDxL mm	L1 mm		
1x4,5x30	86	5	012920103
2x6x30	86	5	012920106

1292L

screwdrivers for cross head
Phillips® screws, long series



UNI/ISO 8764-1

PHxDxL mm	L1 mm		
0x3x300	396	3	012920203
1x4,5x400	509	3	012920206
2x6x400	520	3	012920209



1293/D...

screwdriver set



1293/D6		1	012930401
1290	0,6x3,5x75-1x5,5x150 1,2x6,5x150 mm		
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm		

1293/D8		1	012930403
1290	0,5x3x75-0,8x4x100 1x5,5x150-1,2x6,5x150 1,2x8x150 mm		
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm		

1293/S...

screwdriver set



1293/S10		1	012930201
1290	0,4x2,5x50 -0,6x3,5x100 1x5,5x100-1,2x6,5x150 1,2x8x150-1,6x10x200 mm		
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100-PH3x8x150 mm		

1293/S12		1	012930203
1290	0,5x3x75-0,8x4x125 1x5,5x150-1,2x6,5x150 1,2x8x200 mm		
1290N	0,8x4x30 mm		
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100-PH3x8x150 mm		
1292N	PH1x4,5x30-PH2x6x30 mm		

1293/S7		1	012930207
1292	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm		
1294	0,5x2,5x60-0,6x3x75 0,8x4x100-1x5x125 mm		

1293ES

hexagon drivers with handles



mm	L mm	L1 mm	Ø mm		
2	100	196	3	5	012930001
2,5	100	196	4	5	012930002
3	100	196	4	5	012930003

mm	L mm	L1 mm	Ø mm		
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



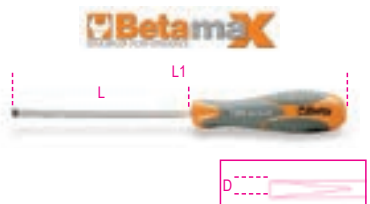
mm	L mm	L1 mm		
2	100	196	5	012930501
2,5	100	196	5	012930502
3	100	196	5	012930503
4	100	196	5	012930506
5	100	209	5	012930509
6	125	245	5	012930512
8	150	282	2	012930515



1293BP/S7 1 012930558
2-2,5-3-4-5-6-8 mm

1294

screwdrivers for headless slotted screws





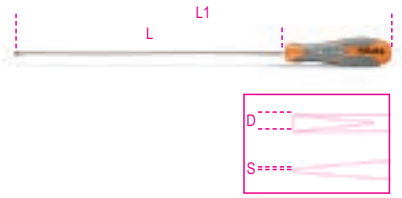
SxDxL mm	L1 mm		
0,5x2,5x60	156	5	012940003
0,6x3x75	171	5	012940006
0,6x3x100	196	5	012940009
0,8x4x100	196	5	012940012
0,8x4x150	246	5	012940015
1x5x125	234	5	012940018
1,2x6,5x150	282	5	012940027



1294/S5 1 012940305
0,5x2,5x60-0,6x3x100
0,8x4x100-1x5x125
1,2x6,5x150 mm

1294L

screwdrivers for headless slotted screws long series



SxDxL mm	L1 mm		
0,6x3x300	396	3	012940206
0,8x4x400	496	3	012940209
1x5x400	509	3	012940215
1,2x6,5x400	532	3	012940218

1295

impact screwdriver



L mm		
130	1	012950001

1295/C14

impact screwdriver
with 14 insets and 1 socket holder



1295/C14 1 012950108

866LP	1,2x6,5 - 1,6x10 mm	
866PH	PH2 - PH3	
866PZ	PZ2 - PZ3	
866PE	5 - 6 mm	
866TX	T27 - T30 - T40 - T45 - T50 - T55	
895/6	□ 1/2 - ⬡ 5/16	
1295	■ 1/2	

170x100x35 mm - 1,3 kg

1297TX

drivers for Torx® head screws, with handles



	L mm	L1 mm	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 1 012970312
T6-T7-T8-T9-T10
T15-T20-T25-T27
T30-T40-T45



1297TX/D6 1 012970409
T10-T15-T20
T25-T27-T30

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



1298RTX/S8 — 1 012980308
T9-T10-T15-T20
T25-T27-T30-T40

1299PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws



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



1299PZ/S6 — 1 012990306
1299PZ PZ0-PZ1-PZ2-PZ3
1299N/PZ PZ1-PZ2

1299N/PZ

screwdrivers for cross head Pozidriv®-Supadriv® screws extra short series



UNI/ISO 8764

PZ	L mm	L1 mm		
1	30	86	5	012990021
2	30	86	5	012990024

1302

double end dolly, round, convex pein head



770 g — 1 013020001

1303

curved dolly



1350 g — 1 013030001

1304

sole dolly



875 g — 1 013040001

1305

toe dolly



1190 g — 1 013050001

1305Z

milled toe dolly



1065 g — 1 013050002

1306

heel dolly



1040 g — 1 013060001

1307

regular dolly



1100 g — 1 013070001

1308

egg dolly



1100 g — 1 013080001

1309

hatchet dolly



460 g — 1 013090001

1310

general purpose dolly



1225 g — 1 013100001

1312

anvil dolly



1220 g — 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	L mm		
1338A	9	360	2	013380001
1338B	12	360	2	013380002

1338
body blade holder for item 1338R



1338	2	013380003

1338R9 - 1338R12
spare body blades for item 1338A-B



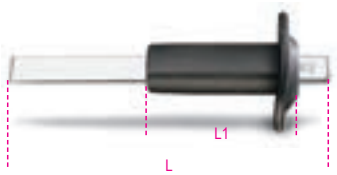
	″/1		
1338R9	9	2	013380004
1338R12	12	2	013380005

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

1343
flat chisel with side cutter



L mm		
200	5	013430001

1345

hammer with round,
convex face and pein, wooden shaft



1345	2	013450010

1351

hammer with round,
flat face and ball pein, wooden shaft



1351	2	013510010

1353

hammer with round,
flat face and point pein, wooden shaft



1353	2	013530010

1357Z/45

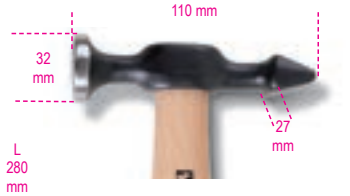
hammers with flat, round,
milled face and square,
smooth face, wooden shafts



1357 Z/45	2	013570045

1359T

hammer with round,
flat face and horizontal pein,
wooden shaft



1359 T	2	013590010

1368

plastic repair kit

• Allows cracked and broken plastic parts to be quickly fixed

Power supply: 220÷240 V with Schuko socket
Heat gun cable length: 3.5 m
Power supply cable length: 1.35 m
2 power adjustments: 35-75 W
Heat gun with brass terminals, 2 staple insertion angles: 0°-90°
Input protection: thermal circuit breaker
Output protection: 10 A fuse
Metal gun pocket



1368	1	013680001

1368G/OD

corrugated clips, straight, for item 1368



1368 G/OD	1	013680100

The prices shown are for 100 pieces

1368G/SD

spiral clips, straight, for item 1368



1368 G/SD	1	013680110

The prices shown are for 100 pieces

1368G/CV

convex angle clips for item 1368



1368 G/CV	1	013680120

The prices shown are for 100 pieces

1368G/C2U

concave angle clips for item 1368



1368 G/C2U	1	013680130

The prices shown are for 100 pieces

1369/C11

assortment of 11 tools



1369 /C11	1	013690033



1303
1305
1306
1309
1310
1314
1327
1338A
1353
1357Z/40
1390

470x340x70 mm - 15,2 kg

1370

engineer's hammers, wooden shaft



HICKORY

UNI 7778 DIN 1041

g	A mm	L mm	L1 mm		
100	15	260	82	5	013700051
200	19	280	95	5	013700052
300	23	300	105	5	013700053
400	25	310	112	5	013700054
500	27	320	118	5	013700055
600	30	330	122	5	013700056
800	33	350	130	4	013700058
1000	36	360	135	4	013700060
1500	42	380	145	2	013700065
2000	47	400	155	1	013700070

1370/MR...

spare shafts for item 1370



1370/MR100 1370/100	4	013700081
1370/MR200 1370/200	4	013700082
1370/MR300 1370/300	4	013700083
1370/MR400 1370/400	4	013700084
1370/MR500 1370/500	4	013700085
1370/MR600 1370/600	4	013700086
1370/MR800 1370/800	4	013700088
1370/MR1000 1370/1000	4	013700090
1370/MR1500 1370/1500	4	013700095
1370/MR2000 1370/2000	4	013700100

1370T

mechanic's hammers
fibre shaft



g	A mm	L mm	L1 mm		
200	19	280	95	5	013700620
300	23	300	105	5	013700630
500	27	320	118	5	013700650
800	33	350	130	4	013700680
1000	36	360	135	4	013700700
1500	42	365	145	2	013700750

1370F

riveting hammers, wooden shaft



HICKORY

NF E 71.014

A mm	L mm	L1 mm	g		
24	260	77	280	2	013700424
26	260	80	310	2	013700426
28	280	86	400	2	013700428
30	280	92	450	2	013700430
32	300	100	550	2	013700432
36	300	104	720	2	013700436
40	330	110	1065	2	013700440
42	330	116	1080	2	013700442
50	380	138	1760	2	013700450
60	380	160	2585	2	013700460

1370F/MR...

spare shafts for item 1370F



1370F/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	180	2	013740416
20	270	86	250	2	013740420
22	290	92	335	2	013740422
26	290	103	425	2	013740426
28	310	108	510	2	013740428
30	310	117	580	2	013740430

1374F/MR...

spare shafts for item 1374F



1374F/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 1377/340	2 013770234
1377/MR450 1377/450	2 013770245
1377/MR570 1377/570	2 013770257
1377/MR680 1377/680	2 013770268
1377/MR900 1377/900	2 013770290

1378

joiner's hammers, round heads and peins, wooden shaft



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 1378/340	2 013780234
1378/MR570 1378/570	2 013780257

1379F

electrician's hammers, wooden shaft



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 1379F/16-18	2 013790426
1379F/MR20 1379F/20	2 013790430

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 1380/800-1000-1250	2 013800238
1380/MR1500 1380/1500	2 013800245
1380/MR2000 1380/2000	2 013800250

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 1380S/800-1000-1250	2 013800417
1380S/MR1500 1380S/1500	2 013800419

1380T

Mason club hammers, fibre shafts



g	A mm	L mm	L1 mm		
800	35	260	85	2	013800308
1000	40	260	100	2	013800310
1250	42	260	110	2	013800312
1500	45	260	120	2	013800315

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 1381/3000-4000	2	013810730
1381/MR5 1381/5000	2	013810750
1381/MR8 1381/8000	2	013810780

1381T

sledge hammers, fibre shafts



g	A mm	L mm	L1 mm		
3000	55	900	142	1	013810330
4000	60	900	152	1	013810340
5000	70	900	162	1	013810350

1385

copper head hammers, wooden shafts



g	A mm	L mm	L1 mm		
400	26	260	75	2	013850404
600	32	270	80	2	013850406
800	34	280	90	2	013850408
1000	37	280	100	2	013850410
1500	43	280	110	2	013850415
2000	48	300	120	1	013850420

1385/MR

spare shafts for item 1385



1385/MR400 1385 400	2	013850464
1385/MR600 1385 600	2	013850466
1385/MR800 1385 800	2	013850468
1385/MR1000 1385 1000	2	013850470
1385/MR1500 1385 1500	1	013850475
1385/MR2000 1385 2000	1	013850480

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 1390/22	2	013900222
1390/MR28 1390/28	2	013900228
1390/MR35 1390/35	2	013900235
1390/MR45 1390/45	2	013900245
1390/MR60 1390/60	2	013900260

1390R

spare faces for item 1390



D mm		
22	4	013900122
28	4	013900128
35	4	013900135
45	4	013900145
60	4	013900160

1390N

nylon face hammers, wooden shafts

Medium-hard faces: 75 Shore
Oil and wear resistant
Particularly suitable for working metal



D mm	L mm	L1 mm		
22	260	70	3	013900522
28	280	85	3	013900528
35	310	95	3	013900535
45	320	107	2	013900545
60	380	128	2	013900560

1390NR

spare nylon faces for item 1390N



D mm		
22	4	013900622
28	4	013900628
35	4	013900635
45	4	013900645
60	4	013900660

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
60	385	155	2	013920060

1392R

spare faces for item 1392



D mm		
30	4	013920230
35	4	013920235
40	4	013920240
50	4	013920250
60	4	013920260

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



Ø mm		
3,5	2	014100051

1428

pullers for damaged nuts with square drive

3/8" 1/2"



mm	□	L mm		
8	3/8	36	2	014280008
10	3/8	36	2	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

3/8" 1/2"



1428/SB11 8-10-11-12-13-14 15-16-17-18-19 mm	1	014280111
1428/SB5 20-21-22-24-27 mm	1	014280115

1428L

socket pullers, long series, for damaged right-hand nuts, with square drive

1/2"



mm		
17	1	014280217
19	1	014280219
21	1	014280221

1/2"



1428L/B3 17-19-21 mm	1	014280303

1429

pullers for damaged screws and stud bolts with square drive

3/8" 1/2"



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

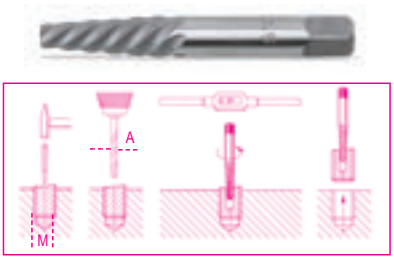
3/8" 1/2"



1429/SB7 2-3-4-5-6-8-10 mm	1	014290107

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

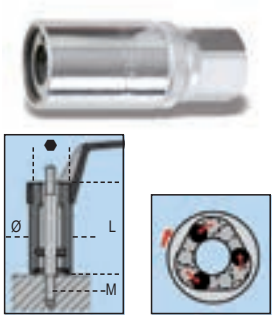


1430/S5 1430/1-1430/2-1430/3 1430/4-1430/5	1	014300105
1430/S6 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6	1	014300106
1430/S8 1430/1-1430/2-1430/3 1430/4-1430/5-1430/6 1430/7-1430/8	1	014300108

1433

roller stud extractors

3/8" 1/2"



M mm	Ø mm	L 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

M mm	Ø mm	L mm	⬢ mm		
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

3/8" 1/2" ⬢



1433/C11 — 1 — 014330311
M5 - M6 - M7 - M8 - M9 - M10 - M10,5
M11 - M12 - M14 - M16

340x135x56 mm - 3,0 kg

1435

eccentric stud extractor



Ø mm		
4÷20	1	014350001

1435R

spare wheel for item 1435



1435R — 1 — 014350010

1435/1

eccentric stud extractor



Ø mm		
19÷26	1	014350002

1435/1R

spare wheel for item 1435/1



1435/1R — 1 — 014350011

1437/C12

assortment of 12 tools for removing air bags



1437/C12 — 1 — 014370001

260x160x55 mm - 1,0 kg

1438

universal clutch aligner complete
with 3 expansion mandrels



1438 — 1 — 014380001

1438R

spare expansion mandrels
for item 1438



Ø mm		
14÷18	5	014380101
18÷21	5	014380102
22÷25	5	014380103

1438 SAC

SAC clutch aligning kit

includes kit for applications without guide bearings supplied with 3 and 4 arm plates



1438 SAC — 1 — 014380050

480x380x130 mm - 9,5 kg

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

1439/K7 — 1 — 014390101

500x120x60 mm 825 g

1440/...

piston ring compressors



	Ø mm	L mm		
1440/0	40÷75	50	1	014400000
1440/1	57÷125	80	1	014400010
1440/1A	57÷125	100	1	014400011
1440/2	90÷175	80	1	014400020
1440/2A	90÷175	100	1	014400021
1440/3	90÷175	165	1	014400030

1445/1 - 1445/2

piston ring expanders



	Ø mm		
1445/1	50÷100	1	014450001
1445/2	90÷150	1	014450002

1450GC

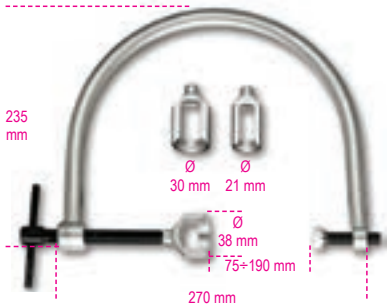
valve spring compressor
with straight and offset jaws



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	230	185	1	014520110

1455SVP

pneumatic valve grinder

- **Pressure: 6 bars**

CE



1455SVP	1	014550001

1455SVP/R...

spare parts for item 1455SVP



1455SVP/R1	5	014550501
1455SVP/R2	5	014550502
1455SVP/R3	5	014550503

1458

external butt-ended circlip pliers



DIN 5417

Ø mm		
30÷100	2	014580001

1460F

valve seat removing tool



1460F	1	014600010

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/C3B

timing devices for
Fiat/Alfa/Lancia petrol engines

Engines: 1.2-1.4 16V



1461/C3B	1	014610032

280x245x75 mm 1,5 kg

1461/C5G

timing devices for Fiat/Alfa/Lancia/Opel/
Suzuki/Ford
diesel engines

Engines: 1.3 Multijet



1461/C5G	1	014610053

280x245x75 mm 2,6 kg

1461/C6B

timing devices for
Peugeot/Citroën petrol engines

Engines: 1.0-1.1-1.4-1.6-1.6 16v-1.6Gti-1.6 18V-1.8-1.8 16v-1.9-2.0-2.0 16v-2.0T-2.0 Hpi-2.2 16v



1461/C6B	1	014610063

310x290x120 mm 3,5 kg

1461/C6G

timing devices for
Peugeot/Citroën diesel engines

Engines: 1.4-1.6-2.0D,1.4-1.6TDCI, 1.4-1.6-2.0-2.2Hdi, 1.5-1.9-2.5D



1461/C6G 1 014610064

385x290x100 mm 3,8 kg

1461/C7B

timing devices for
Renault/Nissan petrol engines

Engines: 1.4-1.6-1.8-2.0 16V



1461/C7B 1 014610072

280x245x75 mm 3,2 kg

1461/C8B

timing devices for Ford petrol engines

Engines: 1.25-1.4-1.6-1.6 SCTi-1.6 Ti-VCT-1.6 16V



1461/C8B 1 014610083

240x210x50 mm 1,8 kg

1461/C8G

timing devices for Ford/Mazda diesel engines

Engines: 1.4-1.6-1.8-2.0-2.2 TDCi, 1.6D 8/16V, 1.8D, 1.8D Turbo, 1.8 TCi, 1.8 TDDi, 2.5D, 2.5D Turbo



1461/C8G 1 014610084

280x245x75 mm 2,2 kg

1461/C9B

timing devices for Opel petrol engines

Engines: 1.0 12V, 1.0-1.2-1.4 16V



1461/C9B 1 014610092

335x145x60 mm 2 kg

1461/C10A

timing devices for
Audi, Seat, Skoda and Volkswagen engines

Engines: 1.9 - 2.0 TDI



1461/C10A 1 014610101

270x120x45 mm - 1,1 kg

1461/C10G

timing devices for
Volkswagen/Audi/Seat and Skoda engines

Engines: 1.2-1.6-2.0 TDI CR (common rail)



1461/C10G 1 014610103

310x290x120 mm 2,8 kg

1461/C11A

timing devices for
Renault engines

Engines: 2.0 dCi



1461/C11A 1 014610111

420x280x60 mm - 1,2 kg

1461/C11G

timing devices for
Renault engines

Engines: 1.5-1.9-2.2-2.5 DCI



1461/C11G 1 014610113

310x290x120 mm 3,8 kg

1461/C12A

timing devices for
Fiat engines

Engines: 1.9-2.2 JTS and 1.9 JTD Euro 4



1461/C12A 1 014610123

280x245x75 mm - 1,8 kg

1461/C12G

timing devices for
Fiat/Alfa/Lancia diesel engines

Engines: 1.9 JTD, 1.6-1.9-2.0 Multijet



1461/C12G 1 014610124

280x245x75 mm 2 kg

1461/C13A

timing devices for Fiat 0.9 Twinair turbo
engines



1461/C13A 1 014610133

240x210x50 mm 1,7 kg

1461/C13B

timing devices for Fiat 1.4 Multiair engines



1461/C13B 1 014610134

240x210x50 mm 2,8 kg

1461/C16

timing devices for
BMW 2.0-3.0 diesel engines
complete with pump puller

Engines: 2.0-3.0 diesel



1461/C16 1 014610160

335x145x60 mm - 4,3 kg

1461/C17

timing devices for
Volkswagen, Seat and Skoda engines

Engines: 1.2 6-12V



1461/C17 1 014610170

142x102x40 mm - 1,5 kg





1461/C17B

timing devices for
Volkswagen/Audi/Seat and Skoda petrol
engines

Engines: 1.2 TSI



1461/C17B 1 014610171

1461/C18

timing devices for
Volkswagen, Audi and Skoda engines

Engines: 1.4 - 1.6 FSI



1461/C18 1 014610180

335x145x60 mm - 1 kg

1461/C18B

timing devices for
Volkswagen/Audi/Seat and Skoda petrol
engines

**Engines: 1.6-1.8-1.8T, 1.4-1.6-1.8-2.0 16V,
1.4-1.6-2.0 FSI**



1461/C18B 1 014610182

310x290x120 mm 2,5 kg

1461/C19

timing devices for
Ford Duratorq engines

Engines: 2.0-2.2-2.4 DIESEL



1461/C19	1 014610190

420x185x60 mm - 1,5 kg

1461/C20G

timing devices for
Fiat Iveco/Peugeot/Citroën/Ford diesel engines

Engines: 2.2-2.3-3.0 Multijet



1461/C20G	1 014610221

385x290x100 mm 5,5 kg

1461/C21G

timing devices for Renault diesel engines

Engines: 1.6 dCi



1461/C21G	1 014610222

310x290x120 mm 3 kg

1461/C22B

timing devices for Peugeot/Citroën petrol engines

Engines: 1.0-1.2 VTi



1461/C22B	1 014610223

280x245x75 mm 2 kg

1461/C23B

timing devices for Opel petrol engines

Engines: 1.0 - 1.2 - 1.4 ecoflex



1461/C23B	1 014610224

280x245x75 2,5 kg

1461/C24B

timing devices for Mini-Peugeot/Citroën petrol engines

Engines: 1.4 - 1.6 (N12-N14)



1461/C24B	1 014610225

280x245x75 mm 2,8 kg

1461/C25G

timing devices for Mini diesel engines

Engines: 1.6 diesel (W16D)



1461/C25G	1 014610226

270x120x45 mm 1 kg

1461/C26B

timing devices for Fiat/Alfa Romeo/Lancia petrol engines

Engines: 1.2-1.4 8v



1461/C26B	1 014610227

280x245x75 mm 1,7 kg

1461/C27G

timing devices for Bmw diesel engines

Engines: 1.6-2.0D (N47-N47S)



1461/C27G	1 014610228

280x245x75 mm 2 kg

1461/C28B

timing devices for
Volkswagen, Seat and Skoda petrol engines

engines: 1.0 - 1.0 Bluemotion Tech
1.0 Ecofuel/Ecomotive - 1.0 Green Tech



1461/C28B 1 014610229

280x245x75 mm - 1,7 kg

1461/C29B

timing devices for
Ford petrol engines
engines: 1.0 EcoBoost



1461/C29B 1 014610209

280x245x75 mm - 2,6 kg

1461/C30G

timing devices for
Volkswagen/Audi/Seat and Skoda diesel engines
engines: 1.6-2.0 CR TDI
for engines built as from 2012



1461/C30G 1 014610231

280x245x75 mm - 2 kg

1462/KD

tool assortment for removing Denso injectors, complete with hammer



1462/KD 1 014620060

335x210x80 mm - 4,8 kg

1462/KI

assortment of common rail diesel injector pullers

Allows DELPHI-BOSCH-SIEMENS-DENSO injectors to be removed



1462KI 1 014620235

530x470x140 mm - 20 kg

1462/KMRC

tool assortment for removing injectors from Mercedes 2.1L, 2.2L, 3.0 V6 and Chrysler engines

For Bosch (2.1 and 2.2L) and Delphi (3.0) injectors
Injectors can be removed
without removing engine.
Particularly suitable for following car models:
Mercedes Vito, Vario, CLK, Sprinter, Viano,
M,GL,C,GLK,E,CLS,S,R,G Classes
Chrysler 300 C



1462/KMRC 1 014620070

310x300x118 mm - 3,5 kg

1462/KU

universal tool assortment for removing diesel common rail injectors

Complete with pliers and hammer



1462/KU 1 014620100

390x290x100 mm - 4,5 kg

1462AD/BSC

adapter for removing
Bosch common rail injectors
For use with items Beta 960KI and Beta 1462/KU



1462AD/BSC 1 014620435

1462AD/SMN

adapter kit for removing
Siemens and Denso injectors

For use with item Beta 960KI/1462KI



1462AD/SMN 1 014620436

1463/KIT

valve timing system pulley locking kit



1463/KIT 1 014630001

280x140x75 mm - 1,2 kg

1464T

digital pressure and compression tester

With kit 960AD/TP2, it makes it possible to test the following:
- petrol and diesel engine compression
- engine oil pressure
- common rail low pressure
- petrol injection pressure

With kit 1464AP, it makes it possible to test the following:
- actual common rail circuit pressure
- high pressure pump pressure

SPECIFICATIONS
- 5" touch screen display
- rechargeable polymer lithium battery
- complete with 80 bar sensor (for low pressure) and USB cable



CE

1464T	1	014640050

1464AP

set for testing high pressure system in common rail diesel engines, with item 1464T

Complete with:
- high pressure pipe set
- fittings
- 2,000 bar sensor



1464AP	1	014640450

1464IC

complete set of dummy injectors and dummy glow plugs for item 1464T

Makes it possible to connect to the engine to check compression in diesel engines with digital tester 1464T.



Contents:
- 22 dummy glow plugs
- 5 dummy injectors
- 1 universal dummy injector kit for trucks, marine engines and agricultural machines

1464IC	1	014640350

1467

brake fluid extractor



Pressure: min 5 bar, max 11.5 bar

1467	l 1,5	1	014670001

1467/RK1

spare tube kit for item 1467



1467/RK1	1	014670501

1467/RK2

spare filler for item 1467



1467/RK2	1	014670502

1467LF

electric instrument for brake fluid replacement

With "pulsating effect"



- 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

1467LF/RC

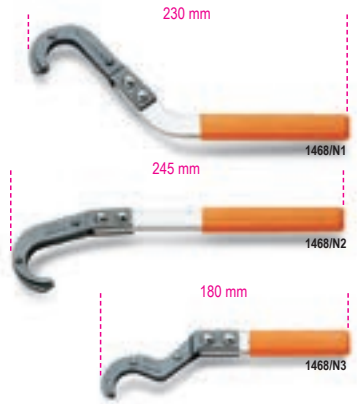
vessel with recovery tube for item 1467



1467LF/RC	1	014670125

1468N

valve depressors for disc removal



1468N/1	1	014680011
1468N/2	1	014680012
1468N/3	1	014680013

1469C

brake hose countersink, in case



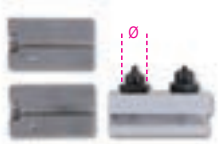
SAE J514
SAE J1065
DIN 74234

Ø		
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

	Ø		
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

1470

drum brake spring pliers

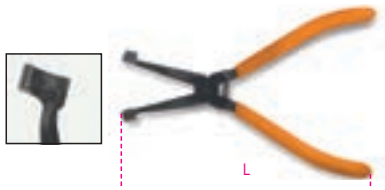


L mm		
210	1	014700001
330	1	014700002
540	1	014700010

1470FT

drum brake shoe spring clamp pliers

40° angled noses
Easy access to awkward spaces



L mm		
184	1	014700000

1471

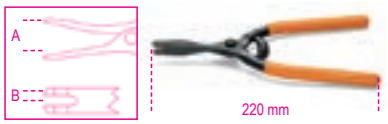
drum brake spring pliers



L mm		
330	1	014710001

1471A

handbrake wire pliers



A max mm	B mm		
45	5	2	014710010

1471M/C22

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories

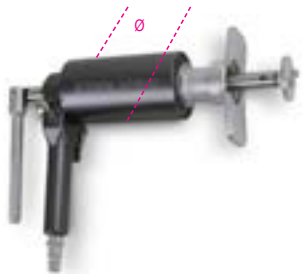


1471M/C22	1	014710101

350x310x85 mm - 3,5 kg

1471M/50

pneumatic tool for pushing back and rotating right and left disc brake pistons with accessories



Ø mm	Kg	Bar		
50	150	5÷8	1	014710069

1471M/P

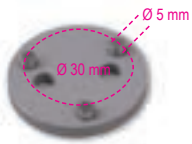
worn pad and TRW-Mégane caliper adapters



1471M/P	1	014710080

1471M/W50

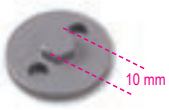
VW Passat handbrake adapter (≥ 2005)



1471M/W50	1	014710079

1471PN/B1

Ford handbrake adapter



1471PN/B1	1	014710081

1471PN/B2

Daily handbrake adapter



1471PN/B2	1	014710082

1471PN/B3

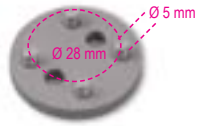
BMW handbrake adapter



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



mm		
14	1	014710314
19	1	014710319

1471CM

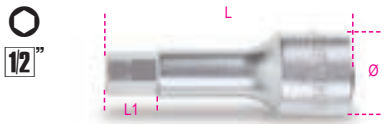
pentagon socket driver for brake caliper screws



mm		
10	1	014710360

1471CM/E11

hexagon socket driver, 11 mm, for Mercedes ML brake caliper screws (series 166)



mm	Ø mm	L mm	L1 mm		
11	24	75	15,5	1	014710361

1471D2

tool for pushing back front disc brake pistons, with closed callipers

Two pairs of plates for working on 2 and 4 piston callipers



⬡ mm		
10	1	014710301

250x170x60 mm 1,5 kg

1472

hose clamp pliers



1472	1	014720001

1472AU

automatic hose clamp pliers



Ø mm		
18÷53	1	014720100

1472AU/P

automatic hose ring pliers with extension



Ø mm	L mm		
18÷54	630	1	014720105

1472R/AU

spare tips for pliers 1472AU



1472 R/AU	1	014720101

1472AU/RP

spare cable for pliers 1472AU/P



1472 AU/RP	1	014720106

1472FC

Clic® collar pliers with swivel heads



1472FC	1	014720090

1472FC/L

Clic® collar pliers with flexible extension



L mm		
630 mm	1	014720095

1472FCL/RP

spare cable for pliers 1472FC/L



1472 FCL/RP	1	014720096

1472TM

quick coupler pliers for multijet filters



1472TM	1	014720200

1472VW

hose clamp pliers, with swivel heads

For Volkswagen and Mercedes cars



L mm		
200	1	014720051

1473

OETIKER® collar pliers



1473	1	014730001

1473A

slotholder pliers for OETIKER® collars





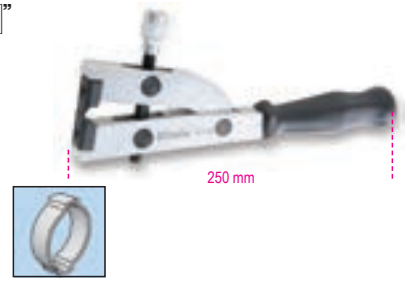
1473A	1	014730010

1473Q

OETIKER® collar pliers with drive

For use with:
- **torque wrenches**
- **ratchets**
- **male drives**

3/8"



1473 Q	1	014730005

1473P

clamp pliers for OETIKER® low-profile collars



	A Max mm		
1473P	53	1	014730020

1473FN

tool for tightening and cutting strap ties made of stainless steel

For use with Panduit® ties and the like



A mm		
4,7÷9,5	1	014730501

1474/C4

kit of 4 tools for removing Volkswagen spark plug coils



1474/C4	1	014740100

290x190x50 mm - 1 kg

1474E/VW

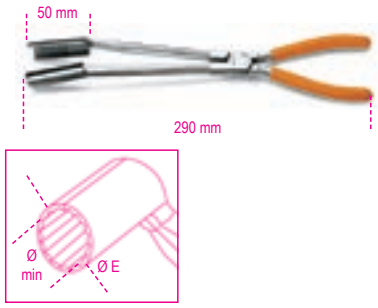
expansion puller for ignition coils, Volkswagen group



1474E/VW	1	014740120

1474L

spark-plug pliers, curved long nose, 15°



Ø min mm	Ø E mm		
14	20	2	014740010

1474DL

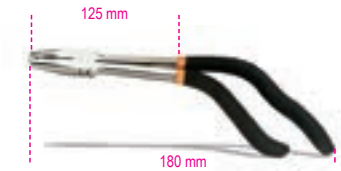
spark-plug pliers, long nose, double layer PVC coated handles



1474DL	1	014740015

1475U

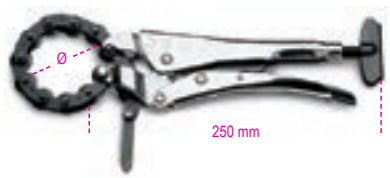
combination pliers, bright chrome-plated, double layer PVC coated gun handles



1475U	1	014750010

1476

adjustable self-locking pliers for exhaust pipe cutting



Ø min mm	Ø max mm		
19	75	1	014760001

1476/RC

spare chain for item 1476



1476/RC	1	014760010

1476A

pliers for exhaust pipe cutting



Ø min mm	Ø max mm		
30	95	1	014760005

1476A/RC

spare chain for item 1476A



1476A/RC	1	014760015

1476C/1

exhaust pipe expanders



1476C/1	1	014760101
Ø 30÷42 mm		
L = 131 mm		
L1 = 51 mm		

1476GT

pliers for removing rubber supports from exhaust pipes



L mm	A Max mm	S mm		
280	58	3	1	014760050

1476PSA

exhaust collar pliers with pin, PSA group

Nose shape and automatic rack locking make it possible to work without pulling out pin



L mm	A Max mm	S mm		
309	60	12,2	1	014760060

1476T

wrench for removing/installing turbines on Volkswagen Audi diesel engines



mm	
12	1 014760200

1477/C10

bent wrench with 9 bits for belt tightening nuts

1 bent wrench with bit drive
4 double bi-hex bits: 12x14 - 13x15 - 16x17 - 18x19 mm
5 bits for Torx(R) head screws: E10 - E12 - E14 - E16 - E18



1477/C10	1 014770310

530x110x55 mm

1477D

ring wrenches for belt tightening nuts



mm	
13	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 13-15-16-17-19 mm	1 014770200

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	
1477K/7	250	1 014770051

1478

pin removing pliers

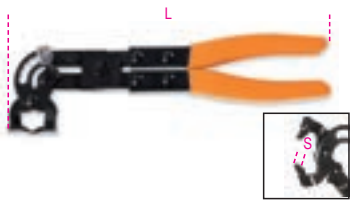


1478	1 014780001

1478T

plastic pin removable pliers with swivel head and pressure clips

Head can be rotated 90°



L mm	S mm	
240	4,5	1 014780101

1479

trim pin remover



1479	2 014790001



1479/B27

kit of 27 nylon tools for removing pins and working on plastics and seals, hangable





1479 /B27	1 014790407

1479RB/1

straight putty knife scraper



1479RB/1	1 014790315

1479RB/2

bent putty knife scraper



1479RB/2	1 014790320

1479RB/3

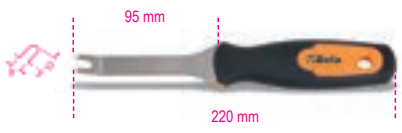
flat putty knife scraper



1479RB/3	1 014790310

1479U/13

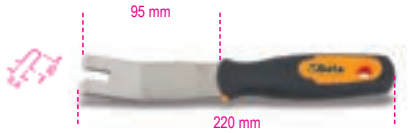
set of 3 putty knife scrapers



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

1480

Kit for filling diesel oil filters of cars without electric pumps
• Also for use with tyre inflators

Kit contents:
- GM quick couplings
- Renault, GM, Fiat quick couplings, inside Ø 6 mm
- Renault, GM, Fiat quick couplings, inside Ø 7 mm
- Fordquick couplings
- PSA quick couplings, inside Ø 6 mm
- PSA quick couplings, inside Ø 7 mm
- Ford quick couplings
- 2 cone-shaped adapters for cars without quick couplings



1480	1	014800010

410x320x70 mm

1481/C12

Kit of 6 pairs of hose pliers

Kit contents:
- 2 different pairs of pliers size 1/4"
- 2 different pairs of pliers size 3/8"
- 2 different pairs of pliers size 5/16"
- 3 pairs of rubber caps

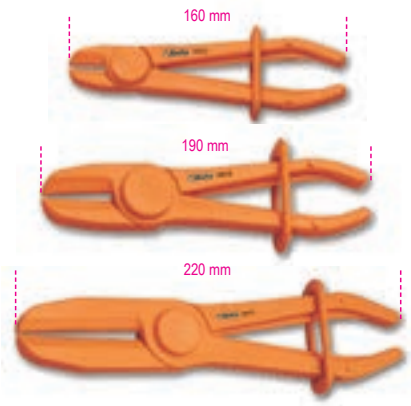


1481 /C12	1	014810312

370x270x59 mm

1481PL/A

plastic hose pliers

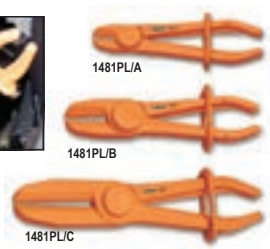


	Ø mm		
1481PL/A	8÷15	3	014810110
1481PL/B	15÷25	3	014810120
1481PL/C	25÷45	3	014810130

1481PL/S3

set of 3 plastic hose pliers





1481PL/S3	1	014810200

1481PL-A Ø 8÷15 mm
1481PL-B Ø 15÷25 mm
1481PL-C Ø 25÷45 mm

1482

adjustable self-locking wrench for tank floating ring nuts



Ø mm		
89÷170	1	014820001

1482A/1

3-leg wrench for floating ring nuts, tank with aluminium ring nut

For operating on aluminium ring nut installed on Fiat, Volkswagen, Opel, Chevrolet, Mercedes and BMW cars since 2011

1/2"



Ø mm		
185	1	014820005

1482A/2

wrench for tank floating ring nuts, 12 sectors

For operating on ring nut with no side slots installed on Fiat and Ford cars and vans

1/2"



Ø mm		
132	1	014820006

1482A/3

wrench for tank floating ring nuts, PSA group

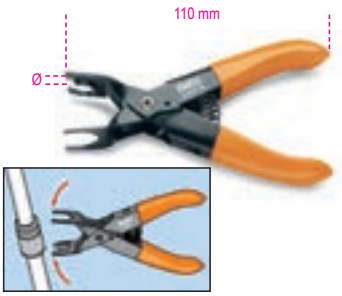
So designed as to make it possible to operate on decentralized axis by removing ring nut, without damaging delicate fuel line



Ø mm		
157	1	014820007

1482/8 - 1482/10

quick coupler pliers for fuel pipes



	Ø mm	
1482/8	8	2 014820008
1482/10	10	2 014820010

1482B

quick coupler pliers
for fuel pipes



1482B — 1 014820021

1482C

wedges (2 pairs) for releasing diesel fuel filter fittings, Fiat, Volkswagen, Jeep, Chrysler and Volvo groups

Quick filter replacement without irreparably damaging fittings



1482C — 1 014820022

1483K/12

kit for removing valves
from air-conditioning system
with set of five-star head bits

Kit contents:
- **2 female octagon sockets, Ø 12 and 15 mm, for high-pressure valves**
- **2 male open end sockets, section 2.2 and 3.2 mm, for throttle valves**
- **1 set of five-star head bits:**
  PT10, PT15, PT20, PT25, PT27, PT30, PT40

1/4" 1/4



1483 K/12 — 1 014830012

120x80x35 mm

1483KV-PT/S7

set of five-star head bits

Included sizes:
PT10 - PT15 - PT20 - PT25 - PT27 - PT30 - PT40

1/4



1483KV-PT/S7 — 1 014830117

1483K/22

kit for separating couplers on air-conditioning, fuel supply and lubrication systems

NOT AVAILABLE IN THE USA



1483K/22 — 1 014830022

300x230x55 mm - 1 kg

1484

set of 2 tools for removing and installing stretch belts

Allows stretch belt to be quickly removed and correctly installed, without risking damaging it



1484 — 1 014840010

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



Ø mm	Ø1 mm	L mm	
30÷120	10 - 17	500	1 014850025

1485R/P10

pairs of inserts



1485R/P10 — 1 014850035

1485R/P17

pairs of inserts

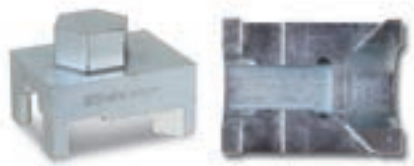


1485R/P17 — 1 014850038

1486/10

wrench for natural gas cylinder valves

- **VW group cars since 2008**
- **Panda from 2004 to 2012**
- **Grande Punto from 2005 to 2012**
- **Ducato since 2010**
- **new Doblò and Combo**
- **Cubo and Fiorino**

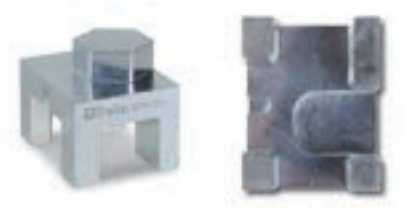


⬡ 36 mm

1486/10 — 1 014860110

1486/20
wrench for natural gas cylinder valves

- Multipla
- Ducato 1st and 2nd series until 2010
- Berlingo and Ranch
- C3 with iron cylinders
- Punto from 1999 to 2010
- Doblò 1st series
- Daily and Iveco group
- Dr5

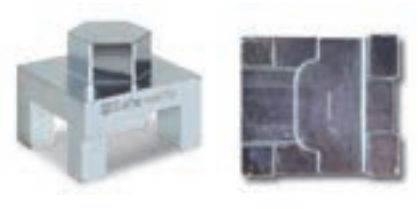


⬡ 36 mm

1486/20	1	014860120

1486/30
wrench for natural gas cylinder valves

- Zafira 2nd series
- Combo 1st series

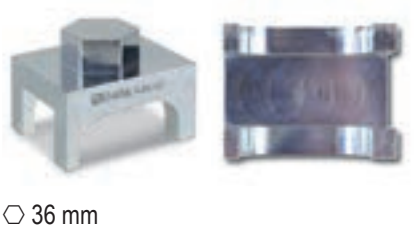


⬡ 36 mm

1486/30	1	014860130

1486/40
wrench for natural gas cylinder valves

- Touran 1st series

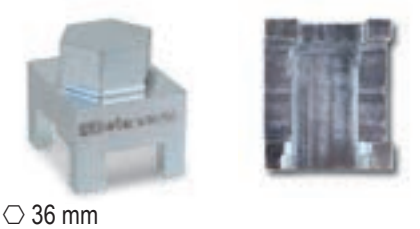


⬡ 36 mm

1486/40	1	014860140

1486/50
wrench for natural gas cylinder valves

- Panda since 2012
- New Ypsilon



⬡ 36 mm

1486/50	1	014860150

1486/60
wrench for natural gas cylinder valves

- C4 Picasso
- BRC systems

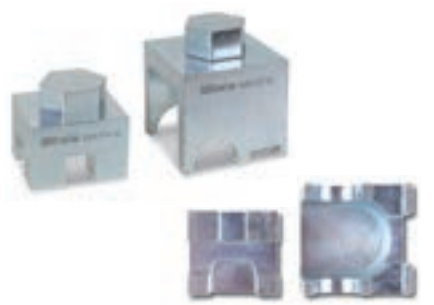


⬡ 36 mm

1486/60	1	014860160

1486/70
wrenches for natural gas cylinder valves, pair

- C3 with composite cylinders



⬡ 36 mm

1486/70	1	014860170

1486/80
wrench for natural gas cylinder valves

- B-Class
- Zafira 3rd series

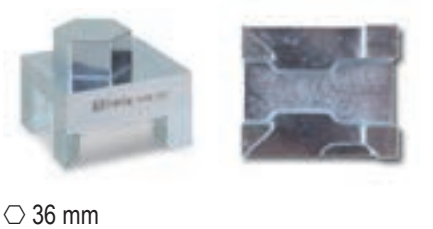


⬡ 36 mm

1486/80	1	014860180

1486/90
wrench for natural gas cylinder valves

- Zafira 1st series
- Kangoo 1st series
- Sprinter



⬡ 36 mm

1486/90	1	014860190

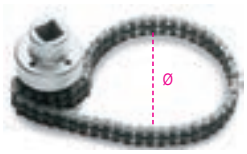
1488 - 1488L
oil-filter wrench with double chain



	Ø mm		
1488	60÷110	1	014880001
1488L	60÷160	1	014880050

1488/1
oil-filter wrench
with thin double chain

1/2"



	Ø mm		
	60÷110	1	014880010

1488R...
spare chain



1488RC	1488	1	014880101
1488R/L	1488/L	1	014880150
1488RC/1	1488/1	1	014880110

1489/31T
alternator pulley
free wheel wrench

1/2"



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

1/2"



M 10	mm 15	31	1	014890015

1489/E

alternator pulley
free wheel wrench



⬡ mm	⬡ mm		
10	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



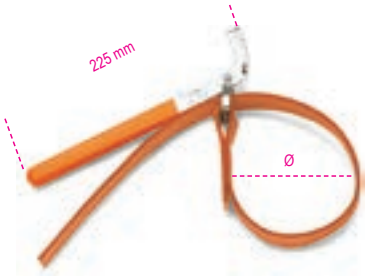
1489/C14	1	014890100

⬡	867PE	8 mm
⬡	867PE/L	8 mm
⬡	867XZN/L	M10
⬡	867TX/L	T50
	867/2	□1/2"
⬡	920B	10 mm
	1489/33	
1/2"	1489/33P	M10
	1489R	
	1489/Y	
	1489/31T	T50
	1489/E	10 mm
	188	10 mm
	188	15 mm

420x250x45 mm - 1,9 kg

1490

strap wrenches for oil filters



	Ø max mm		
1490/1	160	1	014900001
1490/2	240	1	014900002

1490/R1 - 1490/R2

spare fabric straps for item 1490



	Ø mm		
1490 /R1	160	1	014900101
1490 /R2	240	1	014900102

1491

adjustable oil filter wrench



Ø mm		
65÷110	2	014910001

1491R

spare metal band for item 1491



1491R	10	014910010

1491C

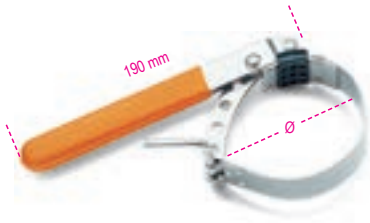
adjustable oil filter pliers



Ø mm	L mm		
60÷100	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

1492T

drier filter wrenches



	Ø mm	H mm		
1492/T40	125÷145	40	1	014920540
1492/T75	120÷140	75	1	014920575

1493

oil filter wrench



Ø mm	N		
65	14	1	014930200
68	14	1	014930206
73	14	1	014930208
74	14	1	014930209
74	15	1	014930210
75-77	15	1	014930212
76	8	1	014930214
76	14	1	014930218
76-74	15	1	014930220
78	15	1	014930224
80	15	1	014930226
82-80	15	1	014930228
86	16	1	014930230
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

12"



Ø mm	N		
66	6	1	014930202
76	12	1	014930216
76	30	1	014930222
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

12"



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

530x400x110 mm - 4 kg

1493AL

oil filter wrenches

N= number of sides

3/8"
1/2"



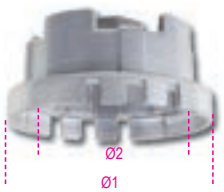
Ø mm	N	⬢		
64	14	27	1	014930310
66,5	14	27	1	014930315
74	14	27	1	014930320
79	15	27	1	014930325
84	14	27	1	014930330
87	16	27	1	014930335
92	15	27	1	014930340
94,5	15	27	1	014930345
100,5	15	27	1	014930350

1493AL 4S

oil filter wrenches
for Asian cars

4-hook profile

3/8"



Ø1 mm	Ø2 mm			
70	64,5	27	1	014930304
80	64,5	27	1	014930305

1493AL CF

hexagon socket wrenches
for oil filter cartridges

12"



Ø mm	H mm	⬢		
24	34	27	1	014930424
27	34	27	1	014930427
30	34	27	1	014930430
32,5	34	27	1	014930432
36	34	27	1	014930436
38	34	27	1	014930438

1493/C19

set of 18 oil filter wrenches,
particularly suitable for Asian cars

Ø mm	N°. of sides
63-64	14
66.5	14
74	14
79	15
84	14
87	16
92	15
94.5	15
100.5	15
64.5	14 hook wrench for Toyota cars
64.5	14 hook wrench for Lexus cars

6 hexagon sockets, sizes 24-27-30-32.5-36-38 mm, for filter cartridges
Kit includes 1 universal adjustable wrench Ø 58÷93 mm

12"
3/8"



1493 /C19	1	014930019

490x450x60 mm - 4 kg

1493FF

wrench for removing/installing plastic seats of Ford Peugeot Citroën oil filters
engines: TDCi-HDi

Allows plastic seat to be correctly tightened at 25 Nm by means of a torque wrench

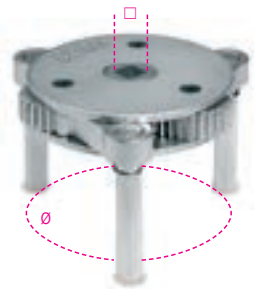
1/2"



mm		
27	1	014930127

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

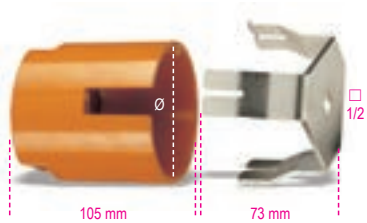
self-adjusting oil filter wrench with three arms,
for left-hand tightening



Ø mm		
60÷120	1	014930075

1493J

wrench for MultiJet



Ø mm		
90	1	014930080

1493Z/1 - 2 - 3

self-locking oil filter wrenches, left hand

1/2"



	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

■ 1/2"



mm	
10	1 014940280

1494E

male hexagon oil drain plug sockets

○ 1/2"



mm	
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

▢ 1/2"



mm	
8	1 014940258
9,5	1 014940259
12	1 014940262
13	1 014940263

1494T

male triangular oil drain plug socket

△ 1/2"



mm	
9,5	1 014940289

1494XZN

male oil drain plug socket with XZN® profile

○ 1/2"



M	
16	1 014940296

1494VW

special socket for plastic oil drain plugs, Volkswagen engines

Allows plastic plug to be removed and installed from oil sump.
Specially designed for Volkswagen cars with TFSI and TDI engines



1494VW	1 014940305

1494/C14A

assortment of 14 oil change tools

1/2"



1494/C14A	1 014940150

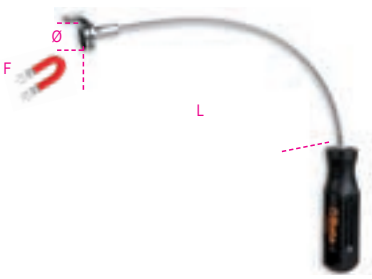
- ○ 1494E 8-9-10-11-12-14-17
- ▢ 1494Q 8-9,5(3/8")-12-13
- ■ 1494 10
- △ 1494T 9,5(3/8")
- ○ 1494XZN M16

380x305x40 mm - 1,7 kg

1494M

tool for hexagon oil drain plugs, magnetic, flexible

Allows plug to be unscrewed without risking getting burnt or dirty



L mm	F kg	Ø mm	
293	2,5	19	1 014940401

1495/C6

assortment of tools for repairing oil sump threads



- Damaged thread is removed by screw tap and enlarged by one size
- Allows repairs and avoids replacing oil sump

Contents:
- 1 screw tap M13x1.25 + 6 screws + 12 washers
- 1 screw tap M13x1.5 + 6 screws + 12 washers
- 1 screw tap M15x1.5 + 6 screws + 12 washers
- 1 screw tap M17x1.5 + 6 screws + 12 washers
- 1 screw tap M20x1.5 + 6 screws + 12 washers
- 1 screw tap M22x1.5 + 6 screws + 12 washers

1495/C6	1 014950500

420x185x60 mm - 2,1 kg

1495M

screw tap for oil drain plug threads



M	
13x1,25	1 014950553
13x1,50	1 014950563
15x1,50	1 014950565
17x1,50	1 014950567
20x1,50	1 014950570
22x1,50	1 014950572

1495T

kit with 6 oil drain plugs and washers



M	
13x1,25	1 014950503
13x1,50	1 014950513
15x1,50	1 014950515
17x1,50	1 014950517
20x1,50	1 014950520
22x1,50	1 014950522

1496/A

oil plug wrench



▢ 10 x ■ 10 mm	2 014960001

1496/C

oil plug wrench



■ 8 x ■ 10 mm		3	014960010

1497D

relay removal pliers, straight pattern



	A min÷Max mm		
1497 D	15÷50	1	014970150

1497P

relay removal pliers, bent pattern, 60°



	A min÷Max mm		
1497P	15÷50	1	014970160

1497/C23

assortment of 23 tools for releasing electrical connectors



1497/C23	1	014970200

440x250x70 mm - 1,7 kg

1497/C94

assortment of 94 car testing connectors for use with main diagnostic tools

- **2 t-taps**
- **2 potentiometers**
- **2 warning lights**
- **2 SRS connectors**
- **2 alligator clips**
- **2 acicular probes**
- **2 prods**
- **2 dual banana connectors**
- **4 single banana connectors**
- **24 flat male terminals 0.6÷6 mm**
- **12 round male terminals 1.6÷3.9 mm**
- **24 flat female terminals 0.6÷6 mm**
- **12 round female terminals 1.6÷3.9 mm**



1497/C94	1	014970300

430x390x100 mm - 3 kg

1497RC

t-taps, pair

- **cable section: 1.5÷3.5 mm**
- **voltage: 0÷330V**
- **max. current: 5A**

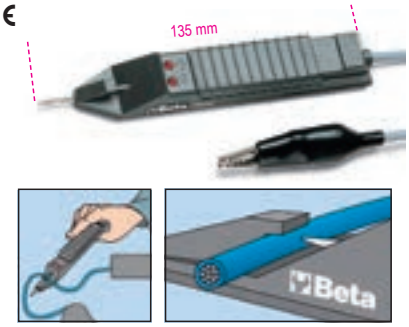


1497RC	1	014970351

1498

voltage tester

CE



3÷48V	2	014980100

1498MN/12

multipurpose portable starter

- Motor vehicle starting with 12-volt battery (diesel and petrol engines up to 2,000 cc)
- Charging of tablets, mobile phones and electronic devices in general
- Multi-use LED torch

CE



STANDARD ACCESSORIES
- lithium-cobalt battery
- starting cables with insulated clamps and device protecting against polarity reversal and short circuits
- USB outlet for charging electronic devices
- digital display and battery charge indicator
- USB cable with charge adapters
- mains and car power supplier

TECHNICAL DATA
Pickup current: 600A
Battery type: LiCoO2
Starting output: 12 volts

1498MN/12	1	014980000

1498MN/12-C

booster cable with clamps for item 1498MN/12



1498MN/12-C	1	014980005

1498/12

Portable car starter, 12V

CE



TECHNICAL DATA:
- Pickup current: 2200A
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type

1498/12	1	014980480

13 kg

1498/24

portable car and commercial vehicle starter, 12-24V



TECHNICAL DATA:
- Pickup current: 4200A (12V) - 2100A (24V)
- Shoulder strap included
- Sealed lead acid battery, solid electrolyte (AGM) type

1498/24	1 014980490

17 kg

1498B12/R02

12V spare battery
for starters 12-24V



1498B12/R02	1 014980502

1498C/24

wheeled starter, 24V



- Wheeled frame for easier movements and minimized effort
- Outstanding performance for numerous starts, including particularly demanding ones
- Electronic battery charger included
- LED and sound alarms in case of polarity reversal
- Protection against voltage peaks
- Battery charge indicator
- Solid electrolyte lead-acid battery (AGM)

Continuous amperage	**1700 A**
Operating voltage	24 V
Pickup amperage	**4000 A**
Cable length	2000 mm
Cable section	**70 mm**
Charging voltage	230 V
Automatic battery charger	**24 V - 10 A**

1498C/24	1 014980244

1498/4A

Electronic car/motorcycle battery charger, 6-12 V



- Protected against polarity reversal and short circuits
- Automatic 6 V or 12 V selection
- Automatic battery type selection
- Digital backlit display
- Pull-back fixing hook

TECHNICAL DATA
Power supply voltage: 220V-240V
Frequency: 50-60 Hz
Rated current (min-max): 1-4 Amp
Battery voltage: 6V/12V
Battery capacity: 4Ah-80Ah
Charging time: 12 hours
Degree of protection: IP65

1498/4A	1 014980104

1498/8A

Electronic car / commercial vehicle battery charger, 12 V



- Slow and quick charge (2A-8A)
- Flat battery recovery function
- Power supply function 13.8V-5A
- Protected against polarity reversal and short circuits
- Manual battery type selection
- Digital backlit display
- Pull-back fixing hook

TECHNICAL DATA

Power supply voltage: 220V - 240V
Frequency: 50-60 Hz
Rated current (min-max): 2-8 Amp
Battery voltage: 12V
Battery capacity: 5Ah-160Ah
Memory saving feature: 13,8V - 5A
Degree of protection: IP65

1498/8A	1 014980108

1498/40A

multipurpose battery charger / starter, 12-24V wheeled



- 3 programmed charging cycles and 1 manual cycle
- electronic adjusting potentiometer
- specific WET-SPIRAL/GEL-AGM charging cycles
- electronic control and protection system
- 10-stage charging process
- battery desulfurization and recovery function
- supply function
- dual voltage, 12-24V
- also suitable for Start&Stop batteries
- professional rubber-insulated brass clamps

TECHNICAL DATA
Power supply: 230V
Output voltage: 12-24V
Charging current: 1-40A
Starting current: 350A max cc
Charging capacity: 4-450Ah

1498/40A	1 014980140

330x250x792

1498/50A

electronic multipurpose battery charger, 12V

For charging and powering vehicles
while reprogramming and self-diagnosing



SPECIFICATIONS
- Max. charging/power supply current: 50 Amp
- charging
- battery recovery
- power supply for ECU diagnostic protocols
- electronic management through microprocessor
- protected against polarity reversal and short circuits

TECHNICAL DATA
Cable length: 3m
Section: 10 mm2
Charging capacity: 5-500Ah
Maintenance capacity: 5-1500Ah
Voltage: 12V

1498/50A	1 014980050

150x100x250 mm

1498SM

memory saver, 12 V

prevents data stored by computer on board cars
from getting lost during maintenance jobs
or battery replacement.



Technical specifications:
- self-supplied
- internal battery Pb 5 Ah
- 12 volts
- professional connection with OBD socket

1498SM	1	014980020

1498TB/12

digital battery tester, 12V

- Allows the following to be tested: battery, alternator and starter
- Fitted with software for printing test from PC
- Backlit display
- Compact, shockproof frame
- 10 language software
- Complete with input for connecting a removable mini printer (optional accessory)



TECHNICAL DATA:
- Applications: 12V battery test - 12V alternator charge test - Starter test
- Operating range: 100-1700 CCA
- Reference standards: CCA,SAE,DIN,EN,IEC,JIS
- Batteries supported: PB, Wet, Gel, Agm, Mf, Vrla, Sli
- Voltmeter: 9V-15V
- Cable length: 180 cm
- Languages: Italian, English, French, German, Spanish, Polish, Romanian, Dutch, Swedish and Finnish
- Accessories included: USB cable and software

1498TB/12	1	014980400

320x270x100 mm

1498ST/TB

mini thermal printer
for tester item 1498TB/12

- Mini printer can be directly connected to tester
- Allows test results to be printed



1498ST/TB	1	014980410

1498TC

digital glow plug tester

Quick, accurate glow plug testing
- Suitable for all types of glow plugs, 4.4-5-7-8.5-10-11 Volts
- Digital backlit display
- Suitable for steel and ceramic glow plugs
- Short circuit and polarity reversal protection
- Turns off automatically when not in use
- With buzzer
- With SMD LED torch
- Compact, shockproof frame



- Measurement range: 0.00÷25.0Ω
- Tolerance: ± 2%
- Resolution: 0.01
- Led Display: 1.8"
- Operating temperature: 0°C÷50°C
- Power supply: 1 9V battery (not included)

1498TC	1	014980450

1499

sonoscope probe

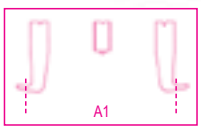


1499	1	014990001

1500/...

two-leg universal pullers





	L mm		
1500/1	100	1	015000301
1500/2	100	1	015000302
1500/3	150	1	015000303
1500/4	150	1	015000304
1500/5	205	1	015000305
1500/6	205	1	015000306
1500/7	205	1	015000307
1500/8	230	1	015000308

	A min÷Max mm	A1 min÷Max mm
1500/1	25÷80	70÷130
1500/2	25÷130	80÷180
1500/3	50÷160	105÷220
1500/4	60÷200	120÷270
1500/5	80÷250	160÷330
1500/6	80÷350	160÷420
1500/7	110÷520	195÷600
1500/8	170÷640	260÷715



1500/SP5	1	015000325
1500/1-1500/2-1500/3		
1500/4-1500/5		
1500/SPV	1	015000001

1500G/...

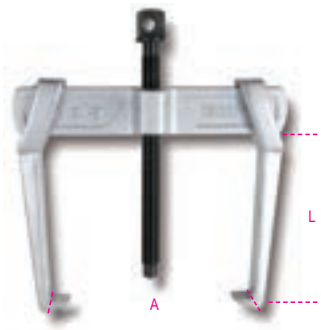
legs, pair, standard series,
for items 1500 and 1580/8I



	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 1580/8I	1	015000317

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 1500N/0-1500N/1-1500N/2-1500N/3 1500N/4-1500N/5	1	015000626
1500N/SPV	1	015000006

1500N/G...

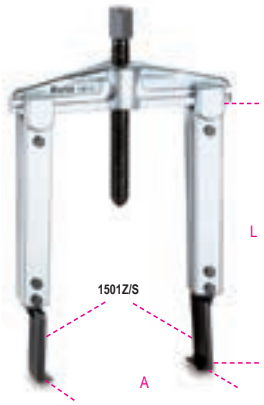
loose legs for pullers 1500N



	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

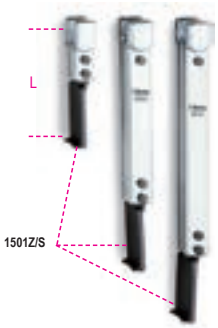


	L mm		
1501/1	100	1	015010101
1501/2	200	1	015010102
1501/3	250	1	015010103

	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



	mm	D mm		
1501Z/S	2,0	27	2	015010211
1501Z/P	3,6	27	2	015010212
1501Z/R	3,6	14	2	015010213

1505V

windshield and rear window wiper arm remover

Removable perforated brass tip for arm removal, with built-in washer jet



	A Max mm	L mm		
1505V	43	37	1	015050001

1505/C5

windshield wiper removal kit

1 two-leg puller, Ø 25÷40 mm
4 half-moon tools, Ø 25 mm, Ø 30 mm, Ø 35 mm, Ø 41 mm

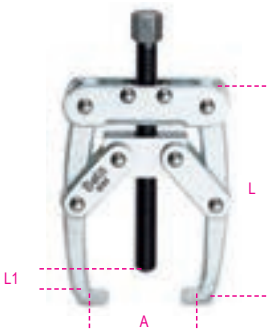


	mm		
12		1	015050300

320x150x60 mm - 1,2 kg

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

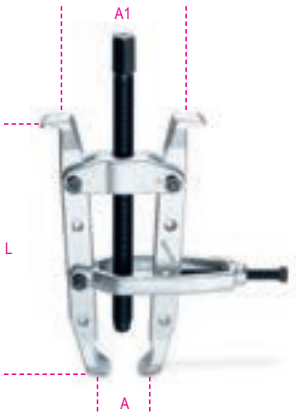


	L mm		
1508/1	105	1	015080001
1508/2	130	1	015080002

	A min÷Max mm	L1 mm
1508/1	6÷100	105
1508/2	10÷140	130

1511/1 - 2 - 3

external pullers
with two reversible legs

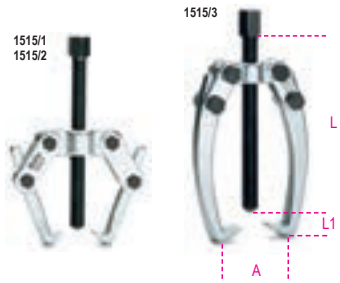


	L mm		
1511/1	235	1	015110001
1511/2	350	1	015110002
1511/3	405	1	015110003

	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



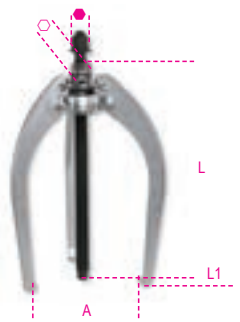
	L mm		
1516/1	85	1	015160001
1516/2	85	1	015160002
1516/3	105	1	015160003

	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.**

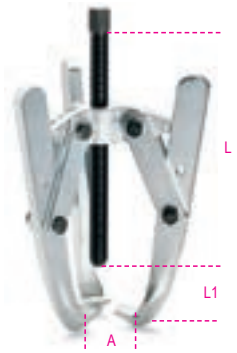


	L mm	L1 mm	○ mm		
1517/90	182	60	22	1	015170000
1517/150	242	115	22	1	015170010
1517/200	307	150	22	1	015170020
1517/260	395	180	30	1	015170030

	● mm	A mm	kg	N
1517/90	19	18÷90	6000	59000
1517/150	19	25÷150	6000	59000
1517/200	19	40÷200	6000	59000
1517/260	27	50÷260	8000	78500

1518/...

three-leg pullers

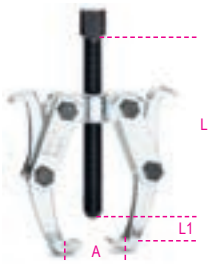


	L mm		
1518/1	105	1	015180001
1518/2	135	1	015180002
1518/3	235	1	015180003
1518/4	270	1	015180004
1518/5	270	1	015180005
1518/6	270	1	015180006

	A min÷Max mm	L1 mm
1518/1	24÷100	105
1518/2	32÷160	150
1518/3	40÷220	220
1518/4	80÷250	240
1518/5	80÷300	350
1518/6	80÷350	400

1520/1 - 1520/2

pullers with two reversible legs

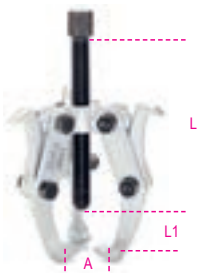


	L mm		
1520/1	135	1	015200101
1520/2	235	1	015200102

	A Max mm	L1 mm
1520/1	110	85
1520/2	160	140

1521/1 - 1521/2

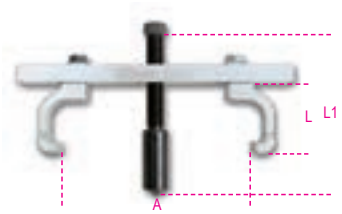
pullers with three reversible legs



	L mm		
1521/1	135	1	015210101
1521/2	235	1	015210102

	A Max mm	L1 mm
1521/1	110	90
1521/2	160	140

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

1529PI
universal injection pump pulley puller

• Allows fuel injection pump pulley to be quickly and accurately removed.
• Particularly suitable for Fiat, Ford, Volkswagen, Citroën and Peugeot vehicles.
Includes 3 pairs of screws for tightening puller to pulley:
M6 x 1.0 x 49 mm
M7 x 1.0 x 75 mm
M8 x 1.25 x 76 mm



1529PI	1	015290051

1530/C5
wheel hub and bearing pulling kit, 3, 4, 5 holes

Kit contents:
1 universal flange (96÷138 mm)
1 hydraulic screw (12 t)
1 hammer face (2.8 kg), required for hubs without central fixing bolts



1530 /C5	1	015300300

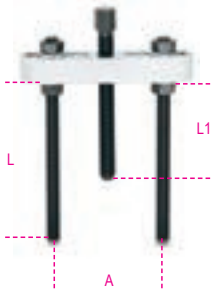
760x320x120 mm - 11,5 kg

1532
packing and oil seal removal tool



1532	2	015320001

1533/...
pullers for separators 1534



	L mm		
1533/2	150	1	015330002
1533/3	210	1	015330003
1533/4	285	1	015330004
1533/5	305	1	015330005

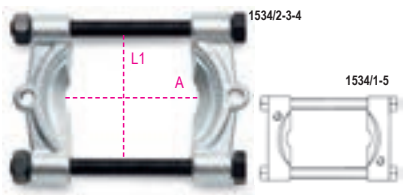
	A min÷Max mm	L1 mm
1533/2	45÷130	110
1533/3	85÷225	175
1533/4	80÷310	175
1533/5	145÷370	235

1533PR/1 - 2 - 3
extensions for pullers 1533



1533PR/1 1533/2	1	015330011
1533PR/2 1533/3	1	015330012
1533PR/3 1533/4-5	1	015330013

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	L1 mm
1534/1	5÷60	88
1534/2	12÷75	118
1534/3	22÷115	160
1534/4	25÷155	205
1534/5	30÷220	290

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

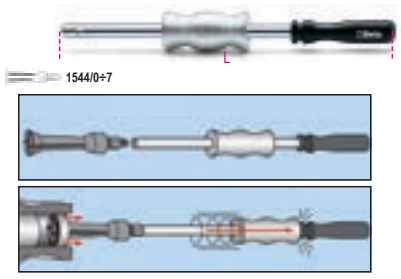
1539
sheet sliding hammer



1539	1	015390001

1540

sliding hammer



	L mm		1544		
1540	390	M10	0÷7	1	015400001

1542/1 - 1542/2

two-leg pullers for extractors

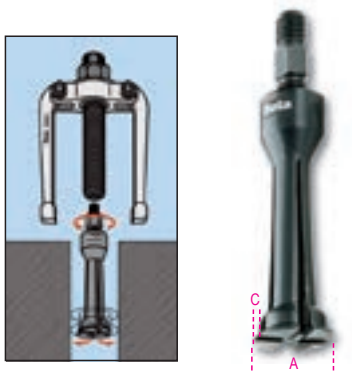


	A min÷Max mm	1544		
1542/1	35÷75	0÷7	1	015420001
1542/2	60÷130	9C-10C	1	015420002

	L mm	L1 mm
1542/1	140	140
1542/2	175	160

1544/...

internal extractors



	C mm			
1544/0 A= 5÷7	0,25	M10	1	015440100
1544/A A= 7÷9	0,80	M10	1	015440105
1544/1 A= 9÷12	0,80	M10	1	015440110
1544/2 A= 13÷17	1,15	M10	1	015440120
1544/2B A= 14÷19	1,00	M10	1	015440121
1544/3 A= 16÷21	1,70	M10	1	015440130
1544/4 A= 20÷25	1,65	M10	1	015440140
1544/5 A= 25÷30	2,00	M10	1	015440150
1544/6 A= 30÷37	3,00	M10	1	015440160
1544/7 A= 38÷45	3,80	M10	1	015440170
1544/9C A= 40÷75	2,60	G 3/8"	1	015440189
1544/10C A= 70÷115	7,30	G 3/8"	1	015440199

1545/C5M

puller 1542/1 with 5 extractors 1544



1545/C5M		1	015450011

1542/1	⬣ 24 mm
1544/1	9÷12 mm
1544/2	13÷17 mm
1544/3	16÷21 mm
1544/4	20÷25 mm
1544/5	25÷30 mm

265x180x45 mm - 2,4 kg

1547/C6

dummy ball bearing extractors



1547/C6		1	015470006

420x185x60 mm - 3 kg

1547KP

set of 3 pairs of dummy ball terminals



	Ø mm		
1547KP/1	9-11-12,5	1	015470106
1547KP/2	5-6-8	1	015470206

1547P

hexagonal extensions



	L mm			
1547 P/1	205	1547/1	1	015470101
1547 P/2	102	1547/2	1	015470201

1547PC/2

round extensions, short series



	L mm			
1547PC/2	42	1547/2	1	015470202

1547PL/2

round extensions, long series



	L mm			
1547PL/2	106	1547/2	1	015470203

1549

kit for removing and installing double effect shock absorbers with gas return

allows stem to be kept straightened while springs are being installed

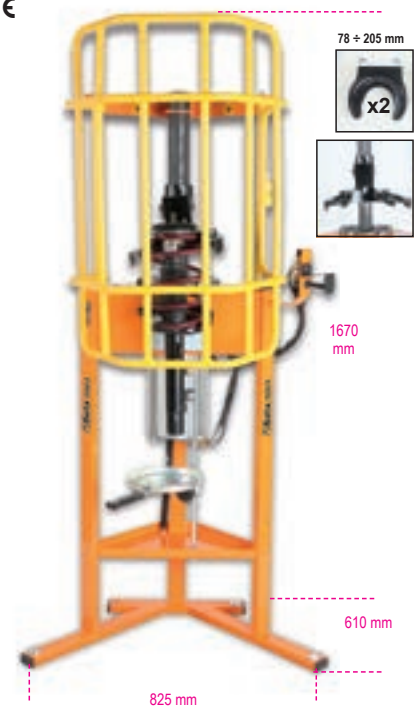


1549	1	015490001

310x270x110 mm - 3 kg

1550U

pneumatic shock absorber removal tool for cars, SUVs and commercial vehicles



INCREASED POWER: maximum thrust 2 tons (10 bars)
UPPER UNIVERSAL HOLD SYSTEM: allows all left/right-hand spring diameters to be compressed with one upper adaptable plate.
ACTIVE SAFETY SYSTEM ON SPRING: safety hook and 3 locking valves allow spring to be properly positioned/seated, maintaining such position throughout compression.
If spring is not positioned properly, system will stop machine.
PROTECTIVE "FULL BODY" GRILLE: provides maximum safety and working area coverage
CONTROL LEVER OPERATION: increased accuracy and sensitivity during compression stage
WORKING POSITION: working height on rear fork raised up to 875 mm

Supplied with 2 lower forks for diameters 78-205 mm

TECHNICAL DATA
Maximum thrust: 2 tons (10 bars) - 1.6 tons (8 bars) - 1.2 tons (6 bars)
Spring compression stroke: 335 mm

1550U		1 015500010

1550U/S...

lower fork for item 1550U



	Ø mm		
1550U/S130	78÷130 mm	1	015500014
1550U/S182	105÷182 mm	1	015500015
1550U/S205	125÷205 mm	1	015500016

1550U/SS187

left-hand fork for item 1550U

Particularly suitable for left-hand springs, e.g. Nissan Qashqai and Renault Koleos



1550U/SS187	1	015500018

1550U/M

vice for shock absorber removal tool item 1550U

Allows shock absorber stem to be locked

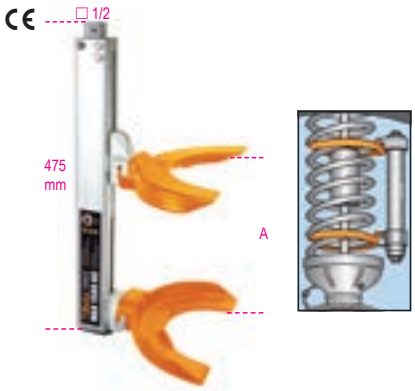


1550U/M	1	015500021

1555/Q

compressor for MacPherson and equivalent shock absorber springs

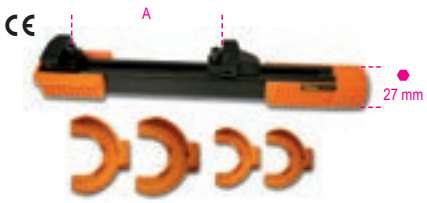
Maximum thrust: 1500 kg



A min÷Max mm	Ø min÷Max mm		
65÷354	80÷195	1	015550006

1555/QS

compressor for MacPherson and equivalent shock absorber springs



A min÷Max mm	Ø min÷Max mm		
70÷300	90÷205	1	015550005

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

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

1555C

telescopic compressor for shock absorber springs with 4 forks and torsion bar

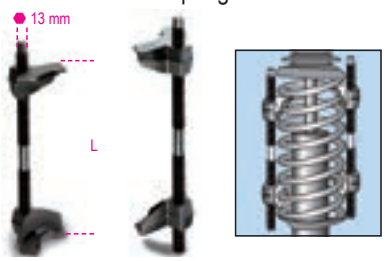
1/2"



A min÷Max mm	Ø min÷Max mm	N	t		
80÷225	90÷160	25000	8,5	1	015550202

1556/1A

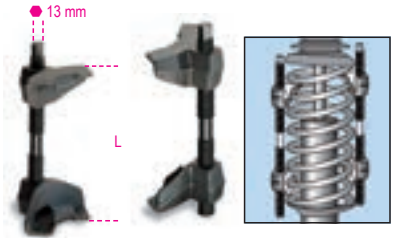
compressor for shock absorber springs



min L Max mm		
65÷320	1	015560101

1556/2A

compressor for shock absorber springs



min L Max mm		
65÷200	1	015560102

1557

impact sockets for truck leaf springs

34"



L mm	L1 mm		
37	28	1	015570137
46	34	1	015570146
56	34	1	015570156

1557V

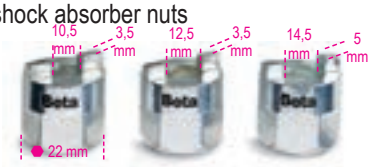
impact sockets for Volvo leaf springs



⬢ mm		
27	1	015570299

1557/S3

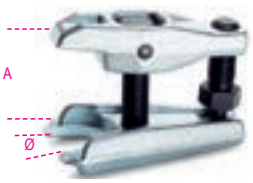
set of 3 sockets
for shock absorber nuts



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



Nm	t		
80000	8	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

12"



Ø x L mm	⬡ mm	□		
28÷35 x 400	27	12"	1	015660005
35÷45 x 190	27	-	1	015660008
35÷45 x 400	27	12"	1	015660010

1566/G01

homokinetic joint puller



L mm	A mm	Ø1 mm	Ø2 mm		
250	115	29	36	1	015660052

1566P

ribbed axle shaft
circlip pliers

Pliers compress circlip, making it easier to fix axle shaft into homokinetic joint



L mm	A Max mm		
280	36	1	015660091

1567

lever for removing wishbone heads and shock absorbers from pillar

Can be used by one operator



A mm	B min÷Max mm		
1060	100÷300	1	015670001

1568/C15

chain opening and riveting kit



1568/C15	1	015680015

420x185x60 mm

1568R/CS3

punches for chain openers



1568R/CS3	1	015680503

1569/A

assortment of tools for removing and installing rear axle silent blocks, driving shaft oil seals and wheel bearings

- **Bushings can be used both on vehicle and on hydraulic press**
- **Direct extraction with wrench**
- **User-friendly, no pneumatic or hydraulic machines required**
- **Kit contents:**
  4 threaded bars: M10-M12-M14-M16
  4 washers
  bushings for diameters ranging from 44 mm to 82 mm



1569/A	1	015690011

530x415x115 mm

1569/F

tool assortment for removing and inserting Fiat Panda, Fiat 500 and Ford Ka silentblocks



1569/F	1	015690021

1569CP

striking tools
for installing conical bearings and oil seals

Quick adjustment



	Ø min÷Max mm	L mm		
1569 CP/50	9,5÷50	130	1	015690750
1569 CP/90	18÷90	145	1	015690790

1570/3

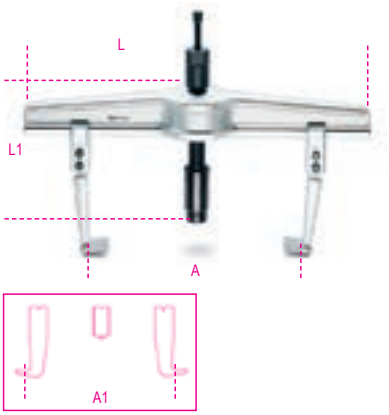
hydraulic presses for pullers



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	N Max
1580/8I	170÷640	715	280	260÷715	180000

1580GL

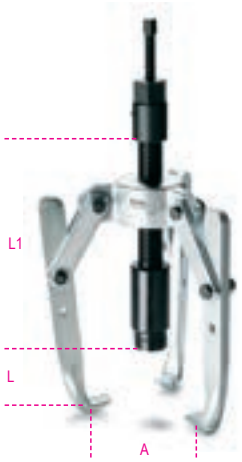
loose legs, long series, for pullers item 1580/8I



	L mm		
1580GL/8A	300	1	015800227
1580GL/8B	400	1	015800228
1580GL/8C	500	1	015800229

1585/5I - 6I - 7I

three-leg pullers for hydraulic use

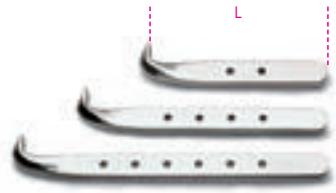


1585/5I	1	015850005
1585/6I	1	015850006
1585/7I	1	015850007

	A min÷Max mm	L1 mm	L mm	N Max
1585/5I	50÷350	135	280	150000
1585/6I	50÷350	235	280	150000
1585/7I	50÷350	335	280	150000

1585GI/5 - 6 - 7

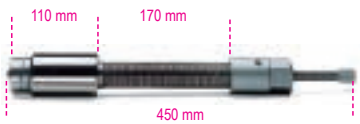
legs for hydraulic puller
1585/I-1585/6I-1585/7I



	L mm		
1585GI/5	135	1	015850205
1585GI/6	235	1	015850206
1585GI/7	335	1	015850207

1589VI

hydraulic screw for pullers
1580/8I and 1585/5I - 1585/6I - 1585/7I



1589VI	1	015890001

1589PI/50 - 100 - 150

extension sockets for hydraulic screw



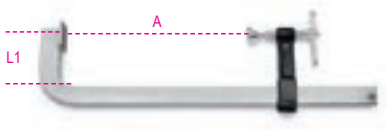
	L mm	L1 mm		
1589PI/50	50	70	1	015890005
1589PI/100	100	120	1	015890010
1589PI/150	150	170	1	015890015

1590
standard clamps



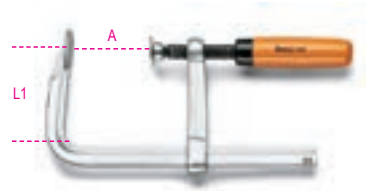
A max mm	L1 mm		
60	55	2	015900305
80	65	2	015900307
100	65	2	015900310
120	85	2	015900312
150	95	2	015900315

1591
screw clamps



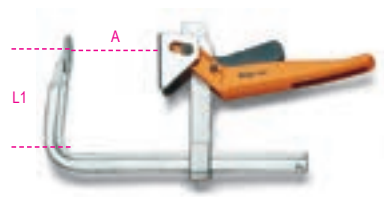
A ~	A max mm	L1 mm		
200	200	80	2	015910020
300	310	85	2	015910030
400	410	85	2	015910040
500	500	95	2	015910050
600	600	95	2	015910060
800	800	95	2	015910080
1000	1000	110	2	015910100

1593
screw clamps



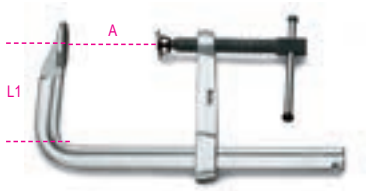
A ~	A max mm	L1 mm		
160	170	80	2	015930016
200	240	100	2	015930020
300	320	145	2	015930030

1594
lever bar clamps



A ~	A max mm	L1 mm		
200	240	145	1	015940020
250	290	145	1	015940025
300	340	145	1	015940030
400	430	150	1	015940040
500	530	150	1	015940050
600	630	150	1	015940060

1595
screw clamps



A ~	A max 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

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



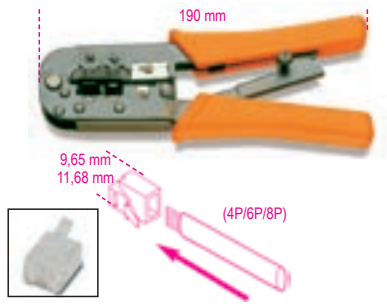
L1 mm	B mm	Ø mm		
80	111	11	1	015990480
100	120	13	1	015990500

1599G
pairs of aluminium jaw covers



A mm		
100	1	015990910
125	1	015990912
150	1	015990915
180	1	015990917

1601/PC
ratchet crimpling pliers
for telephone terminals
and data transmission



RJ11-RJ12-RJ45	2	016010011

1602
crimping pliers
for insulated terminals, light series



mm²		
0,75÷6	5	016020001

1602/C9T

crimping pliers
with assortment of 450 terminals



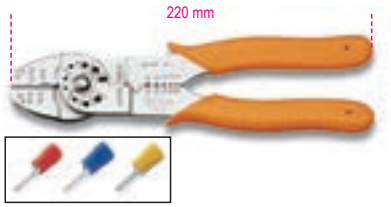
1602/C9T	1	016020013

		n.
1602		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 - 1,5 kg

1602A

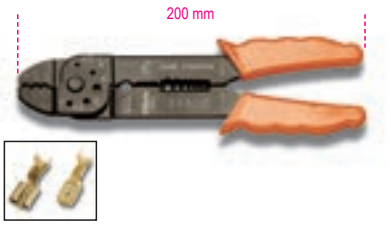
crimping pliers for insulated
terminals, standard model



mm²		
0÷6	2	016020005

1603

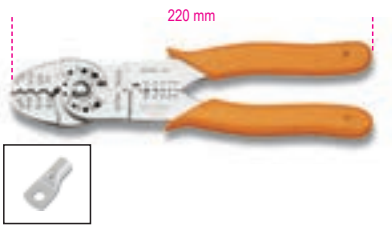
crimping pliers for non-insulated
terminals, light series



mm²		
1,25÷5,5	5	016030001

1603A

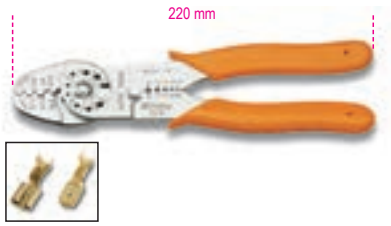
crimping pliers for non-insulated
closed terminals, standard model



mm²		
0÷8	2	016030005

1603B

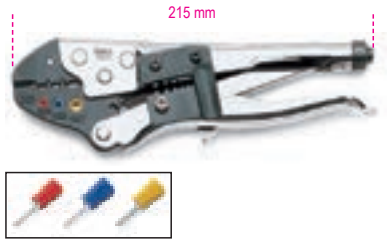
crimping pliers for non-insulated
open terminals, standard model



mm²		
0÷8	2	016030010

1604

self-locking pliers
for insulated terminals



mm²		
0,5÷6	1	016040001

1604/C9T

self-locking pliers 1604
with assortment of 450 terminals



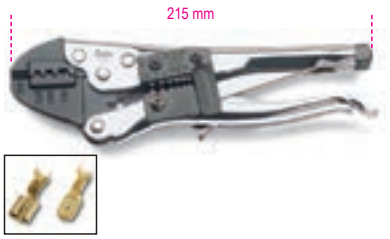
1604/C9T	1	016040013

		n.
1604		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

1605

self-adjusting pliers
for non-insulated terminals



mm²		
0,5÷6	1	016050001

1606

heavy duty crimping pliers
for cylindrical terminals



mm²		
0,5÷6	1	016060001

1606A

crimping pliers for tubular terminals



	mm²		
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 mm²



1606A/C9		1	016060100

		n.
1606A		1
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

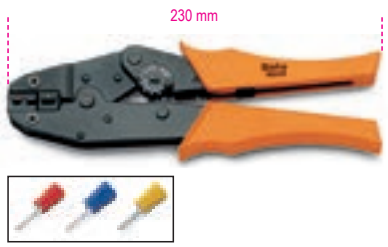
heavy duty crimping pliers
for BNC coaxial wires RG 58, RG 59,
RG 62, RG 71



	L mm	A mm	B mm		
1607	220	73	19	1	016070001

1608

crimping pliers for insulated terminals,
with pressure regulator



mm²		
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



mm²		
0,75÷6	1	016080005

1609

crimping pliers for non-insulated
terminals, professional model
fast performance



mm²		
0,5÷2,5	1	016090001

1609A

heavy duty crimping pliers
for non-insulated terminals



mm²		
0,5÷6	1	016090005

1609B

crimping pliers for noninsulated terminals

punch crimps,
10 mm² ÷ 120 mm²



L mm	mm²		
600	10÷120	1	016090101

1609C/C5

oil-pressure crimping pliers
with 5 pairs of dies

hexagonal crimps,
25 mm² ÷ 240 mm²



mm²		
50÷240	1	016090210

500x300x110 mm - 4 kg

1609M

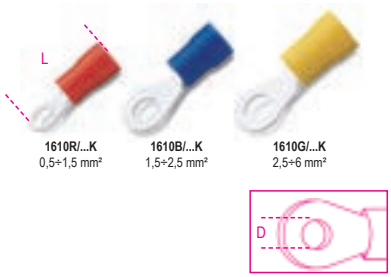
dies for item 1609C

hexagonal crimps



	mm²		
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

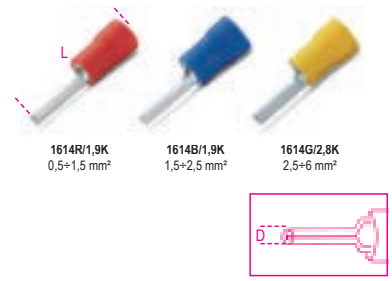
1610
ring terminals



	D mm	mm²	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

The prices shown are for 100 pieces

1614
pin terminals



	D mm	mm²	L 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

The prices shown are for 100 pieces

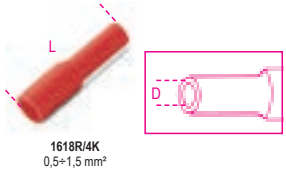
1616
male connectors



	D mm	mm²	L mm		
1616R/4K	4	0,5-1,5	21	1	016160104

The prices shown are for 100 pieces

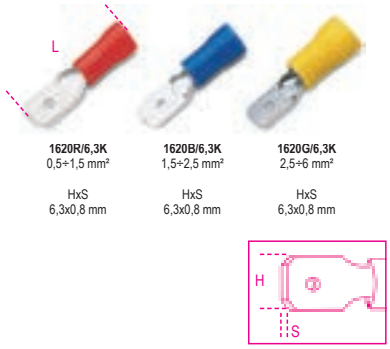
1618
female connectors



	D mm	mm²	L mm		
1618R/4K	4	0,5-1,5	24	1	016180104

The prices shown are for 100 pieces

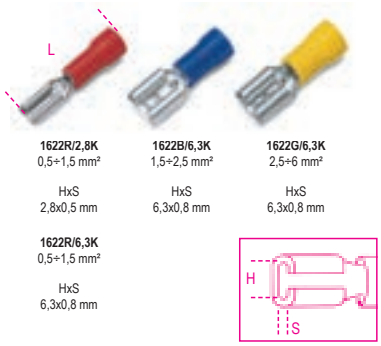
1620
male spade terminals



	mm²	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

The prices shown are for 100 pieces

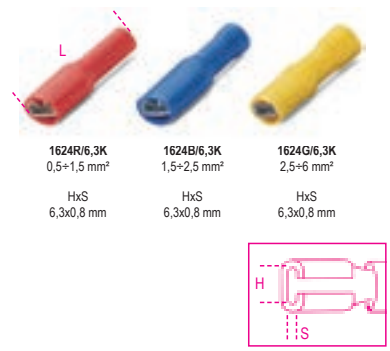
1622
female spade terminals



	mm²	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

The prices shown are for 100 pieces

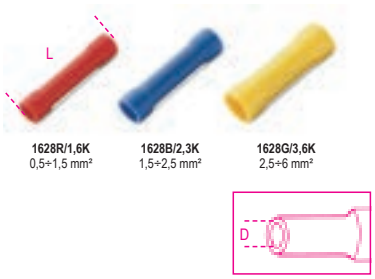
1624
insulated female terminals



	mm²	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

The prices shown are for 100 pieces

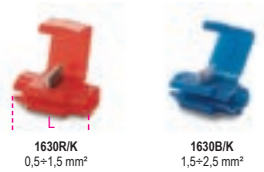
1628
cable connectors



	D mm	mm²	L 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

The prices shown are for 100 pieces

1630
rapid connectors



	mm²	L mm		
1630R/K	0,5-1,5	20	1	016300101
1630B/K	1,5-2,5	20	1	016300102

The prices shown are for 100 pieces

1632
tube terminals



	mm²	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

The prices shown are for 100 pieces

1634
dual tube terminals



	mm²	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

The prices shown are for 100 pieces

1639NS-N

friction tape, black



L m		
25	10	016390025

1639S

nylon wire puller

with interchangeable heads



L m	Ø mm		
10	4	1	016390010

1640K

oil-pressure punching machine with 4 punches

round punches
22.5-25.5-32.5-55.5 mm



1640K	1	016400001

470x400x100 mm

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

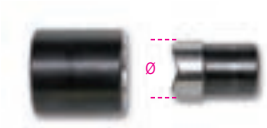
square punches for item 1640



	■ 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

sliding gauge
reading to 0.05 mm

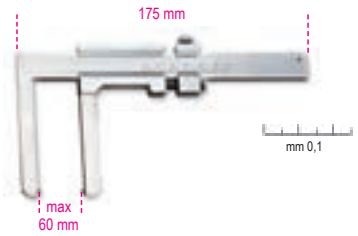


UNI EN ISO 13385-1DIN 862

A max mm	L mm		
150	235	1	016500001
200	290	1	016500002

1650FD

sliding gauge for brake discs
reading to 0.1 mm



1650FD	1	016500050

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 0.01 mm**
- **Screw slider locking**
- **Mm/inch conversion**



UNI EN ISO 13385-1DIN 862CE

A Max mm	L mm		
150	225	1	016510111
200	285	1	016510112

1651DGT/IP

digital vernier,
reading to 0.01 mm, degree of protection IP67

Total protection against dust and liquids; it also works when it is completely immersed.



UNI EN ISO 13385-1 DIN 862CE

1651DGT/IP	1	016510611

270x115x35 mm - 450 g

1652

analogue vernier,
analogue reading to 0.02 mm



UNI EN ISO 13385-1DIN 862

1652	1	016520016

1654

workshop verniers,
reading to 0.02 mm

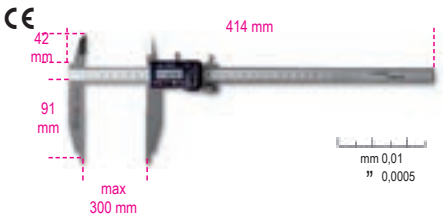


UNI EN ISO 13385-1DIN 862

A max mm	L mm		
200	330	1	016540020
300	410	1	016540030

1654DGT

digital vernier,
reading to 0.01 mm
reading to 0.0005"

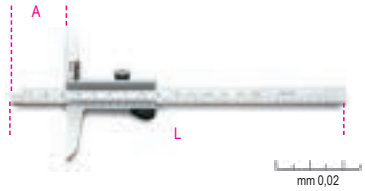


UNI EN ISO 13385-1DIN 862CE

1654DGT	1	016540111

1656

depth gauge, reading to 0.02 mm

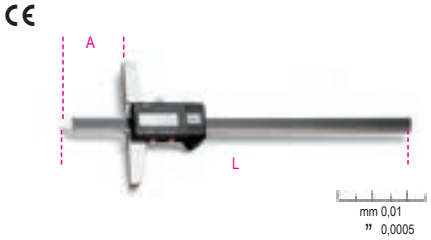


UNI EN ISO 13385-2DIN 862

A max mm	L mm		
200	260	1	016560020
300	360	1	016560030

1657DGT/2

digital depth gauge
reading to 0.01 mm
reading to 0,0005”



UNI EN ISO 13385-2DIN 862CE

	A max mm	L mm		
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



DIN 863

1658/C4	1	016580001

1658/25 0÷25 mm
1658/50 25÷50 mm
1658/75 50÷75 mm
1658/100 75÷100 mm

365x245x35 mm - 2,5 kg

1658DGT

outside micrometers,
reading to 0.001 mm



DIN 863CE

	A mm		
1658DGT/25	0÷25	1	016580325
1658DGT/50	25÷50	1	016580350

1658SP/1

base for micrometer

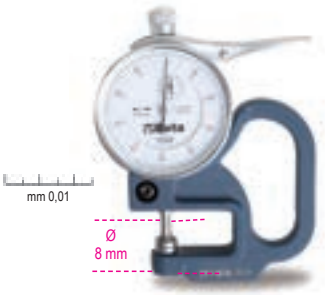


1658SP/1	1	016580910

1659

thickness gauge with dial indicator,
reading to 0.01 mm.

C=dial field



	C mm		
1659	0÷10	1	016590001

1662/1 - 1662/2

dial indicator, reading to 0.01 mm

C=dial field



DIN 878

	C mm		
1662/1	0÷5	1	016620001
1662/2	0÷10	1	016620010

1662DGT

digital dial indicator,
reading to 0.01 mm

C=Dial field



DIN 878

	C mm		
1662DGT	0÷12,5	1	016620310

1662AN

adjustable stylus dial indicator,
reading to 0.01 mm

C=Dial field



DIN 2270

	C mm		
1662AN	0÷0,8	1	016620200

1662SP0

magnetic base



1662SP0	1	016620800

1662SP2

magnetic base, rotating



1662SP2	1	016620910

1666

precision squares
made from stainless steel ground
and lapped



DIN 875/0

L mm	L1 mm		
100	70	1	016660210
150	100	1	016660215
200	130	1	016660220
250	165	1	016660225
300	200	1	016660230

1666A

flanged precision squares
made from stainless steel ground
and lapped



DIN 875/0

L mm	L1 mm		
100	70	1	016660110
150	100	1	016660115
200	130	1	016660120
250	170	1	016660125
300	200	1	016660130

1668A

flanged precision squares
made from normalised, ground steel



DIN 875/2

L mm	L1 mm		
100	70	2	016680110
150	100	2	016680115
200	130	2	016680120
250	165	1	016680125
300	176	1	016680130

1670

squares
made from ground steel



L mm	L1 mm		
100	70	3	016700010
150	100	3	016700015
200	130	3	016700020
250	160	3	016700025
300	180	3	016700030
400	200	2	016700040
500	250	2	016700050
600	300	2	016700060
750	375	1	016700080
1000	500	1	016700099

1670A

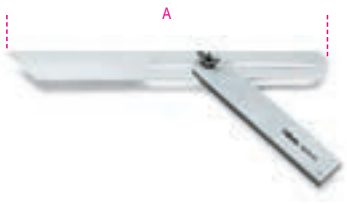
flanged precision squares
made from ground steel



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

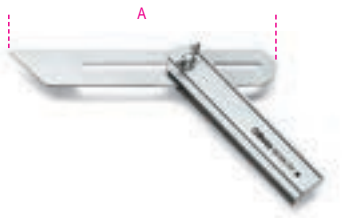
mitre square, adjustable sliding blade,
base and blade made from steel



A mm		
300	2	016720030

1672A

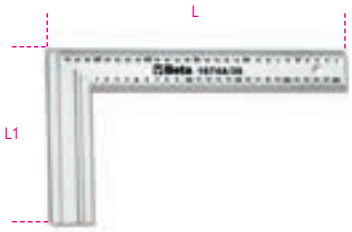
mitre square, adjustable,
sliding blade, aluminium base,
blades made from chrome-plated steel



A mm		
200	3	016720120
300	3	016720130

1674A

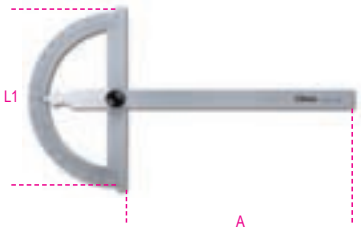
carpenter's squares blades
made from stainless steel,
with aluminium bases, double metric scale



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

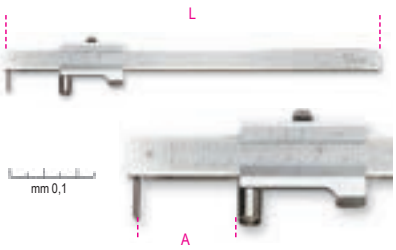
bevel protractor
made from stainless steel



	L Max mm	D mm		
1678/C3	300	70	1	016780030

1679

universal gauge with contact-roll,
made from stainless steel,
reading to 0.1 mm



L mm	A Max mm		
235	200	1	016790020

1679/PR

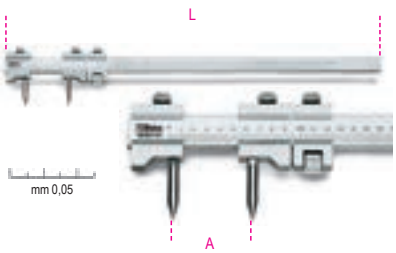
spare tip for universal gauge 1679



1679/PR	1	016790021

1680

trammels, hardened steel body
and tips



L mm	A Max mm		
660	500	1	016800050

1680A

inside callipers



L mm	A Max mm		
150	144	2	016800115
200	200	2	016800120
250	245	1	016800125
300	300	1	016800130

1680B

outside callipers



L mm	A Max mm		
150	155	2	016800215
200	190	2	016800220
250	235	1	016800225
300	280	1	016800230

1680C

precision dividers,
hardened steel straight tips



L mm	A Max mm		
150	138	2	016800315
200	190	2	016800320
250	235	1	016800325
300	280	1	016800330

1682

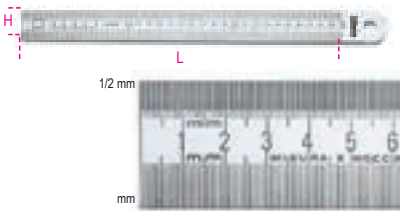
flexible graduated rules
made from stainless steel



L mm	H mm	±5 mm		
150	13	0,5	5	016820015
200	13	0,5	5	016820020
250	13	0,5	5	016820025
300	13	0,5	5	016820030
500	13	0,5	2	016820050
1000	13	0,5	2	016820100

1683

semi-rigid graduated rules
made from stainless steel



L mm	H mm	±5 mm		
300	30	1	5	016830030
500	30	1	2	016830050
1000	30	1	2	016830100
1500	30	1	1	016830150

1685/C7

assortment of 7 measuring and marking tools



1685/C7		1	016850110

1650	160 mm	
1658/25	0÷25 mm	
1670	100 mm	
1680C	150 mm	
1682	150 mm	
1688BC	165 mm	
1688BC/R		

320x210x37 mm - 1,2 kg

1687A

engineer's precision scriber,
tip bent at 90°, with handle



	L mm	L1 mm		
1687A	153	80	1	016870120

1687AC

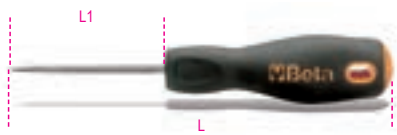
engineer's precision scriber,
short tip bent at 90°, with handle



	L mm	L1 mm		
1687AC	153	80	1	016870125

1687D

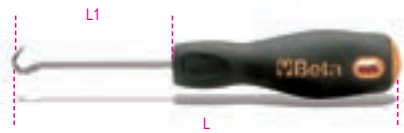
engineer's precision scriber,
straight tip, with handle



	L mm	L1 mm		
1687D	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

1688PC

engineer's scriber
made of chrome-plated, hardened steel



	L mm	Ø mm		
1688PC	150	1	1	016880300

1688PC/R

spare tip for item 1688PC



1688PC/R	1	016880310

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

1691BM

measuring tapes
shock-resistant bimaterial ABS casings,
steel tapes,
precision class: II

CE



	L m	S mm		
1691BM/5	5	25	1	016910205
1691BM/8	8	32	1	016910208
1691BM/10	10	32	1	016910210

1692

measuring tapes,
shock-resistant bi-material ABS casings,
steel tapes,
precision class II

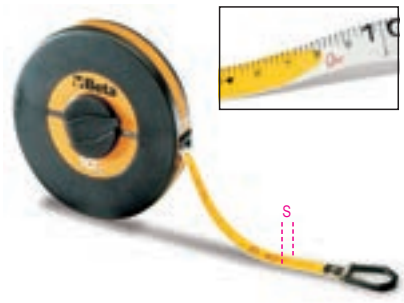
CE



	L m	S mm		
1692/2	2	16	5	016920052
1692/3	3	16	5	016920053
1692/5	5	19	5	016920055
1692/8	8	25	5	016920058

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

1695XS

pocket spirit level with magnetic V-shaped base
made from profiled aluminium
2 unbreakable vials
accuracy: 1mm/m



L mm	H mm	S mm		
70	48,5	20	5	016950250

1696

spirit levels made from anodized profile aluminium, with 2 unbreakable vials,
accuracy: 1 mm/m



L mm	H mm	S mm		
200	50	19	2	016960002
400	50	19	2	016960004
500	50	19	2	016960005
600	50	19	2	016960006
800	50	19	2	016960008
1000	50	19	2	016960010

1696A

spirit levels made from die-cast aluminium, with 1 ground base and 2 unbreakable vials, accuracy: 1 mm/m



L mm	H mm	S mm		
300	43	23	2	016960103
400	43	23	2	016960104
500	43	23	2	016960105
600	43	23	2	016960106
800	43	23	1	016960108
1000	43	23	1	016960110

1696B

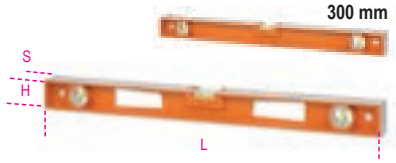
spirit levels with magnetic bases
made from anodized profiled aluminium,
2 unbreakable vials accuracy: 1 mm/m



L mm	H mm	S mm		
200	49	22	2	016960202
300	49	22	2	016960203
400	49	22	2	016960204
500	49	22	2	016960205
600	49	22	2	016960206

1696D

spirit levels made of die-cast aluminium with handles,
4 ground bases and 3 unbreakable vials,
accuracy: 1 mm/m



L mm	H mm	S mm		
300	47	25	2	016960353
400	47	25	2	016960354
500	47	25	2	016960355
600	47	25	2	016960356

1696S

levelling staffs made from aluminium, with 2 unbreakable vials



L mm	H mm	S mm		
1500	90	25	1	016960415
2000	90	25	1	016960420
2500	90	25	1	016960425
3000	90	25	1	016960430

1699L

precision surface level made from die-cast iron with ground prismatic base, 2 unbreakable vials,
accuracy: 0.05 mm/m



DIN 877

	L mm	A mm		
1699L	200	49	1	016990002

1699L/1

precision surface level made from die-cast iron with ground prismatic base, 2 unbreakable vials,
accuracy: 0.02 mm/m



DIN 877

	L mm	A mm		
1699L/1	200	49	1	016990005

1699Q

precision square levels made from die-cast iron with 2 prismatic bases and 2 ground flat bases, 2 unbreakable vials, accuracy: 0.05 mm/m



DIN 877

L mm	A mm		
150	40	1	016990015
200	48	1	016990020

1700N

masonry points



L mm	S mm		
250	16	5	017000005
300	16	5	017000006

1700N/PM

masonry points with hand guards



L mm	S mm		
250	16	2	017000105
300	16	2	017000106

1701N

masonry chisels



L mm	A mm	S mm		
250	23	16	5	017010001
300	23	16	5	017010003

1701N/PM

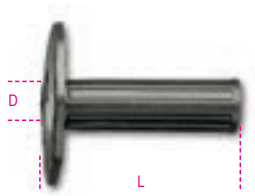
masonry chisels with hand guards



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

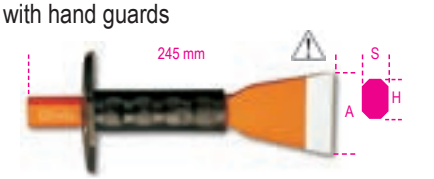
extra-wide chisels



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

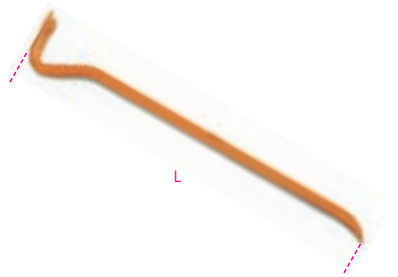
hand guard for item 1702N



L mm		
115	1	017020200

1704

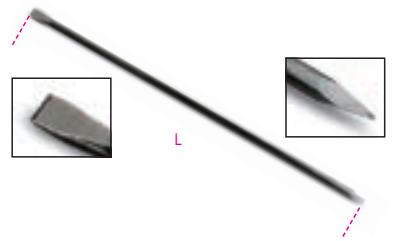
carpenter's wrenching bars



L mm		
500	2	017040050
600	2	017040060
800	2	017040080

1704A

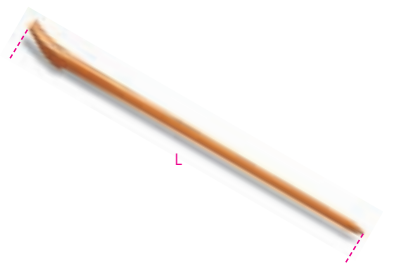
crow bars with open and pointed edges



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		
1705 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



	L mm	A max mm		
1709/10	90	17 (M10)	1	017090010
1709/18	108	25 (M16)	1	017090018

1710
hydraulic nut splitters



C min mm	C max mm		
7(M4)	22(M14)	1	017100001

1712E/1 - 2 - 3
flexible magnetic pick up tools

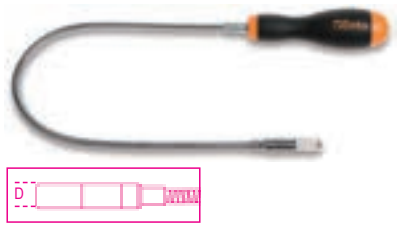
F = magnetic power



	L mm	D mm	F kg		
1712E/1	420	7,5	0,5	2	017120011
1712E/2	530	15	1,8	2	017120012
1712E/3	532	19	3,0	2	017120013

1712E/L1
flexible magnetic pick-up tool with LED light

F = magnetic force
Battery: 2xLR48



	L mm	D mm	F kg		
1712E/L1	500	11	0,75	2	017120111

1712E/R-L1
spare heads for item 1712E/L1, with LED and magnet

1712 E/R-L1	1	017120611

1712TF
telescopic magnet with flexible head

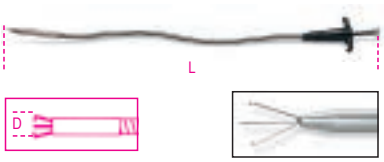
- **With washer jet cleaner**

F= magnetic force



L mm	D mm	F kg		
150÷590	11	1	1	017120600

1713M
flexible pickup tools



L mm	D mm		
500	7	2	017130011
1000	7	1	017130015

1714
inspection mirror made from plastic



L mm	D mm		
1714 155	25	5	017140001

1715
telescopic joint inspection mirror
chrome-plated metal body



L mm	D mm		
1715 180÷540	30	1	017150001

1715FL/A
square flexible inspection mirror



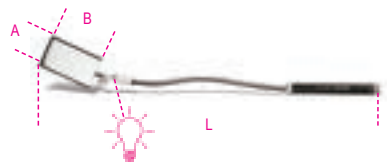
L mm	A mm	B mm		
1715FL/A 600	53	90	1	017150110

1715R/FL
kit of 2 inspection mirrors for items 1715FL/A and 1715FL/B

1715 R/FL	1	017150151

1715FL/B

rectangular flexible inspection mirror with light



	L mm	A mm	B mm		
1715FL/B	553	53	90	1	017150115

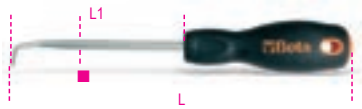
1715B/R5L

kit of 5 spare light bulbs for item 1715FL/B

1715 B/R5L	1	017150152

1716A

angled bit for general use



	L mm	L1 mm	■ mm		
1716A	240	125	6	3	017160040

1716P

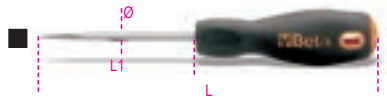
packing scraper



	L mm	L1 mm	⬢ mm		
1716P	250	125	6	3	017160020

1716Q

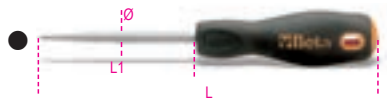
square bit reamer



	L mm	L1 mm	Ø mm		
1716Q	215	100	6	5	017160010

1716R

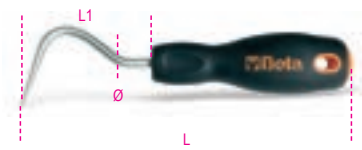
round bit reamer



	L mm	L1 mm	Ø mm		
1716R	215	100	6	5	017160001

1716U

hook bit for general use



	L mm	L1 mm	Ø mm		
1716U	195	80	6	3	017160025

1717A

scrapers, two cutting edges



L mm	L1 mm	L2 mm		
150	70	260	2	017170015
200	75	310	2	017170020
250	100	360	2	017170025

1717B

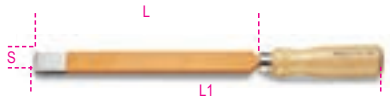
scrapers, three cutting edges



L mm	L1 mm	L2 mm		
150	75	260	2	017170115
200	85	310	2	017170120
250	100	360	2	017170125

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

1718D...Q

rough square files, without handles



	L mm	L "		
1718D6/Q	150	6	5	017180121
1718D8/Q	200	8	5	017180131
1718D10/Q	250	10	5	017180141

1718A...Q

second-cut square files, without handles



	L mm	L "		
1718A6/Q	150	6	5	017180021
1718A8/Q	200	8	5	017180031
1718A10/Q	250	10	5	017180041

1718D...T

rough triangular files, without handles



	L mm	L "		
1718D6/T	150	6	5	017180123
1718D8/T	200	8	5	017180133
1718D10/T	250	10	5	017180143

1718A...T

second-cut triangular files, without handles



	L mm	L "		
1718A6/T	150	6	5	017180023
1718A8/T	200	8	5	017180033
1718A10/T	250	10	5	017180043

1718D...P

rough flat files, without handles



	L mm	L "		
1718D6/P	150	6	5	017180125
1718D8/P	200	8	5	017180135
1718D10/P	250	10	5	017180145

1718A...P

second-cut flat files, without handles



	L mm	L "		
1718A6/P	150	6	5	017180025
1718A8/P	200	8	5	017180035
1718A10/P	250	10	5	017180045

1718D...M

rough half-round files, without handles



	L mm	L "		
1718D6/M	150	6	5	017180127
1718D8/M	200	8	5	017180137
1718D10/M	250	10	5	017180147

1718A...M

rough half-round files, without handles



	L mm	L "		
1718A6/M	150	6	5	017180027
1718A8/M	200	8	5	017180037
1718A10/M	250	10	5	017180047

1718D...R
rough round files, without handles

R ●



	L mm	L "		
1718D6/R	150	6	5	017180129
1718D8/R	200	8	5	017180139
1718D10/R	250	10	5	017180149

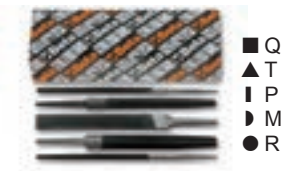
1718A...R
second-cut round files, without handles

R ●



	L mm	L "		
1718A6/R	150	6	5	017180029
1718A8/R	200	8	5	017180039
1718A10/R	250	10	5	017180049

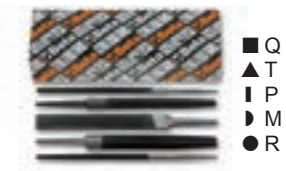
1718D...S5
set of 5 rough files, without handles



■ Q
▲ T
❙ P
◗ M
● R

	L mm	L "		
1718D6/S5	150	6	1	017180130
1718D8/S5	200	8	1	017180140
1718D10/S5	250	10	1	017180150

1718A...S5
set of 5 second-cut files, without handles



■ Q
▲ T
❙ P
◗ M
● R

	L mm	L "		
1718A6/S5	150	6	1	017180030
1718A8/S5	200	8	1	017180040
1718A10/S5	250	10	1	017180050

1719BMD...Q
rough square files, with handles

Q ■



	L mm	L "		
1719BMD6/Q	150	6	5	017190191
1719BMD8/Q	200	8	5	017190221
1719BMD10/Q	250	10	5	017190241
1719BMD12/Q	300	12	3	017190325

1719BMA...Q
second-cut square files, with handles

Q ■



	L mm	L "		
1719BMA6/Q	150	6	5	017190021
1719BMA8/Q	200	8	5	017190052
1719BMA10/Q	250	10	5	017190071
1719BMA12/Q	300	12	3	017190311

1719BMX...Q
smooth square files, with handles

Q ■



	L mm	L "		
1719BMX6/Q	150	6	5	017190022
1719BMX8/Q	200	8	5	017190053
1719BMX10/Q	250	10	5	017190072

1719BMD...T
rough triangular files, with handles

T ▲



	L mm	L "		
1719BMD6/T	150	6	5	017190193
1719BMD8/T	200	8	5	017190223
1719BMD10/T	250	10	5	017190243
1719BMD12/T	300	12	3	017190326

1719BMA...T
second-cut triangular files, with handles

T ▲



	L mm	L "		
1719BMA6/T	150	6	5	017190023
1719BMA8/T	200	8	5	017190054
1719BMA10/T	250	10	5	017190073
1719BMA12/T	300	12	3	017190313

1719BMX...T
smooth triangular files, with handles

T ▲



	L mm	L "		
1719BMX6/T	150	6	5	017190024
1719BMX8/T	200	8	5	017190055
1719BMX10/T	250	10	5	017190074

1719BMD...P
rough flat files, with handles

P ❙



	L mm	L "		
1719BMD6/P	150	6	5	017190195
1719BMD8/P	200	8	5	017190225
1719BMD10/P	250	10	5	017190245
1719BMD12/P	300	12	3	017190327

1719BMA...P
second-cut flat files, with handles

P ❙



	L mm	L "		
1719BMA6/P	150	6	5	017190025
1719BMA8/P	200	8	5	017190056
1719BMA10/P	250	10	5	017190075
1719BMA12/P	300	12	3	017190315

1719BMX...P
smooth flat files, with handles

P ❙



	L mm	L "		
1719BMX6/P	150	6	5	017190026
1719BMX8/P	200	8	5	017190057
1719BMX10/P	250	10	5	017190076

1719BMD...M
rough half-round files, with handles

M ◗



	L mm	L "		
1719BMD6/M	150	6	5	017190197
1719BMD8/M	200	8	5	017190227
1719BMD10/M	250	10	5	017190247
1719BMD12/M	300	12	3	017190328

1719BMA...M
second-cut half-round files, with handles

M ◗



	L mm	L "		
1719BMA6/M	150	6	5	017190027
1719BMA8/M	200	8	5	017190058
1719BMA10/M	250	10	5	017190077
1719BMA12/M	300	12	3	017190317

1719BMX...M
smooth half-round files, with handles

M ◗



	L mm	L "		
1719BMX6/M	150	6	5	017190028
1719BMX10/M	200	8	5	017190059
1719BMX10/M	250	10	5	017190078

1719BMD...R
rough round files, with handles

R ●



	L mm	L "		
1719BMD6/R	150	6	5	017190199
1719BMD8/R	200	8	5	017190229
1719BMD10/R	250	10	5	017190249
1719BMD12/R	300	12	3	017190329

1719BMA...R

second-cut round files, with handles



	L mm	L "		
1719BMA6/R	150	6	5	017190029
1719BMA8/R	200	8	5	017190060
1719BMA10/R	250	10	5	017190079
1719BMA12/R	300	12	3	017190319

1719BMX...R

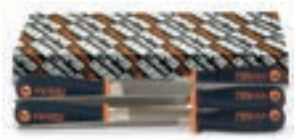
smooth round files, with handles



	L mm	L "		
1719BMX6/R	150	6	5	017190031
1719BMX8/R	200	8	5	017190061
1719BMX12/R	250	10	5	017190081

1719BMD...S5

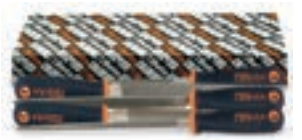
set of 5 rough files, with handles



	L mm	L "		
1719BMD6/S5	150	6	1	017190200
1719BMD8/S5	200	8	1	017190230
1719BMD10/S5	250	10	1	017190250
1719BMD12/S5	300	12	1	017190363

1719BMA...S5

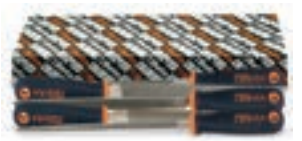
set of 5 second-cut files, with handles



	L mm	L "		
1719 BMA6/S5	150	6	1	017190030
1719BMA8/S5	200	8	1	017190070
1719BMA10/S5	250	10	1	017190080
1719BMA12/S5	300	12	1	017190361

1719BMX...S5

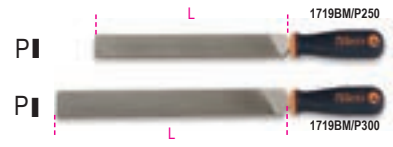
set of 5 smooth files, with handles



	L mm	L "		
1719BMX6/S5	150	6	1	017190032
1719BMX8/S5	200	8	1	017190069
1719BMX10/S5	250	10	1	017190082

1719BMB/P

universal cut flat files, plastic handles



L mm	L "		
250	10	5	017190152
300	12	5	017190153

1719BMC

half-round and flat files, plastic handles



UNI 5569 - UNI 5568

	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

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

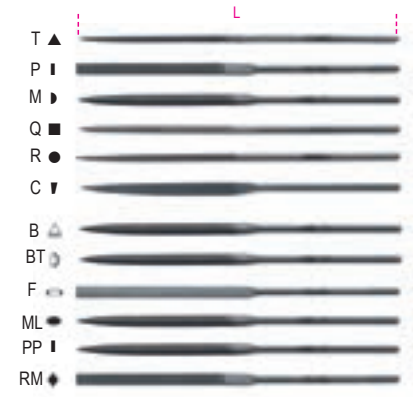


	L mm	A mm		
1719BMR/0	95	25	10	017190950
1719BMR/0B	110	29	10	017190955
1719BMR/1	110	29	10	017190951
1719BMR/1B	110	29	10	017190953
1719BMR/2	123	31	10	017190952
1719 BMR/2B	123	31	10	017190954

	mm	"	
1719BMR/0	100/150	4/6	▲▮◗
1719BMR/0B	100/150	4/6	■●
1719BMR/1	150/200	6/8	▲▮◗
1719BMR/1B	150/200	6/8	■●
1719BMR/2	250/300	10/12	▲▮◗
1719 BMR/2B	250/300	10/12	■●

1720/...

needle files



UNI 5569 UNI 5670

	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

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



	L mm	
1723	210	5 017230001

1725
hacksaw frame



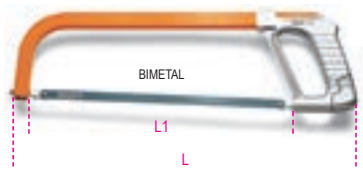
	L mm	L1 mm	
1725	420	300	4 017250001

1725CR
mini hacksaw frame



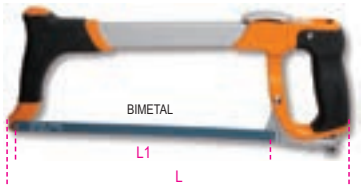
	L mm	L1 mm	
1725CR	250	150	5 017250010

1726
hacksaw frame, blade attachment system in the handle



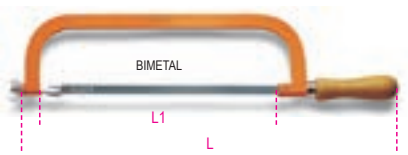
	L mm	L1 mm	
1726	440	300	4 017260001

1726BM
Hacksaw frame with quick release blade attachment system



	L mm	L1 mm	
1726BM	400	300	1 017260050

1727
hacksaw frame, heavy series



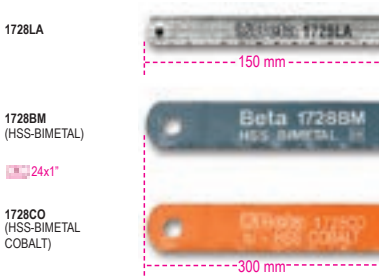
	L mm	L1 mm	
1727	515	300	4 017270001

1727BM
hacksaw frame, one hand grip



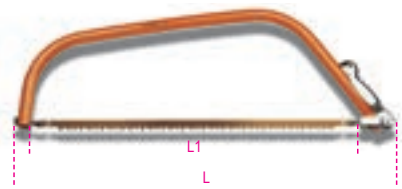
	L mm	L1 mm	
1727BM	315	300	5 017270020

1728...
blades for hacksaw frames



1728LA 1725CR 1725MQ	100	017280001
1728BM 1725-1726 1727-1727M	100	017280010
1728CO 1725-1726 1727-1727M	50	017280030

1729
fixed frame hacksaw



	L mm	L1 mm	
1729	710	610	5 017290001

1729LR
spare blade for item 1729



1729LR	10 017290010

1729CG
plasterboard saw



	L mm	L1 mm	
1729CG	310	160	2 017290200

1729DM 450
wood rip saw

medium toothing, 12 teeth/inch



	L mm	L1 mm	
1729DM	450	400	4 017290450

1736A
file brush



	L mm	
1736A	240	10 017360010

1737
brush, brass wires



	L mm	
1737	145	10 017370001

1737NX

brake shoe cleaning brush
plastic handle steel wires



	L mm		
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

1739B

lazy tongs riveter, supplied
with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
Aluminium	•	•	•	•	•	•
Stainless steel	•	•	•	•		

1739B	1	017390151

1740A

heavy duty riveting pliers supplied
with 5 interchangeable nozzles



Ø mm	3,2	4	4,8	5	6	6,4
aluminium	•	•	•	•	•	•
stainless steel	•	•	•	•		

1740A	1	017400101

1740B

compact heavy-duty riveting pliers,
supplied with 5 interchangeable nozzles



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



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

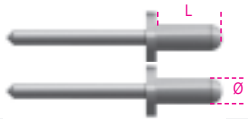


Ø mm	2,4	3	3,2	4	4,8
Aluminium	•	•	•	•	•
Steel	•	•	•	•	
Stainless steel	•	•	•	•	

1741U	1	017410450

1741RV...K

aluminium rivets



1741RV2,9K ØxL = 3x6 mm	1	017410191
1741RV3,2K ØxL = 3,2x8 mm	1	017410192
1741RV3,8K ØxL = 4x10 mm	1	017410193
1741RV4K ØxL = 4x12 mm	1	017410194
1741RV4,8K ØxL = 4,8x12 mm	1	017410195

The prices shown are for 500 pieces

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

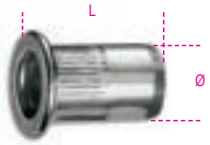
spare mandrels for item 1742



M3	1	017420043
M4	1	017420044
M5	1	017420045
M6	1	017420046

1742R-AL/M...

aluminium threaded rivets for items 1742-1742A-1946KF



1742R-AL/M3 ØxL = 5x10 mm M = 3	1	017420023
1742R-AL/M4 ØxL = 6x12 mm M = 4	1	017420024
1742R-AL/M5 ØxL = 7x13 mm M = 5	1	017420025
1742R-AL/M6 ØxL = 9x15 mm M = 6	1	017420026

The prices shown are for 20 pieces

1742R-A/M...

steel threaded rivets for items 1742-1742A-1946KF



1742R-A/M3 ØxL = 5x11 mm M = 3	1	017420013
1742R-A/M4 ØxL = 6x11 mm M = 4	1	017420014
1742R-A/M5 ØxL = 7x13 mm M = 5	1	017420015
1742R-A/M6 ØxL = 9x17 mm M = 6	1	017420016
• **1742R-A/M8** ØxL=11x17 mm M=8	1	017420018
• **1742R-A/M10** ØxL=13x24 mm M=10	1	017420020

The prices shown are for 20 pieces
• The prices shown are for 10 pieces

1742/C4

riveting pliers item 1742 with assortment of 400 threaded steel insets



1742/C4	1	017420005

	M	Ø mm	n.
1742R-A/M3	3	5	100
1742R-A/M4	4	6	100
1742R-A/M5	5	7	100
1742R-A/M6	6	9	100

415x155x60 mm - 2,9 kg

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

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



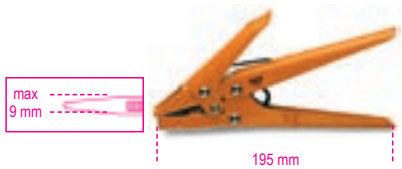
1742A/C	1	017420105

	M	Ø 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	1	017430001

1743T

cable tie cutting tool

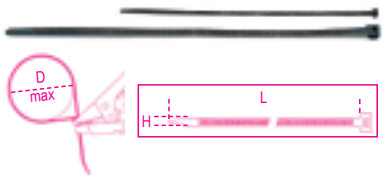
• Also suitable for cutting small cables (3x1.5mm²; 1x17mm²)



1743T	1	017430100

1748/...K

nylon cable ties, self-locking head

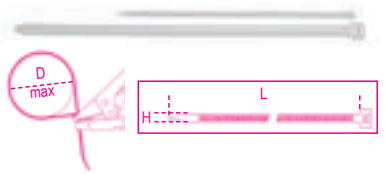


1748/3K HxL = 2,5x100 mm D = 18 mm	1	017480203
1748/6K HxL = 2,5x160 mm D = 40 mm	1	017480206
1748/7K HxL = 3,6x150 mm D = 33 mm	1	017480207
1748/8K HxL = 3,6x200 mm D = 46 mm	1	017480208
1748/9K HxL = 3,6x300 mm D = 70 mm	1	017480209
1748/14K HxL = 4,8x190 mm D = 43 mm	1	017480214
1748/17K HxL = 4,8x300 mm D = 72 mm	1	017480217
1748/18K HxL = 4,8x360 mm D = 85 mm	1	017480218
1748/23K HxL = 7,6x300 mm D = 67 mm	1	017480223
1748/24K HxL = 7,6x368 mm D = 88 mm	1	017480224

The prices shown are for 100 pieces

1748B/...K

nylon cable ties, self-locking head



1748B/3K HxL = 2,5x100 mm D = 18 mm	1	017480303
1748B/6K HxL = 2,5x160 mm D = 40 mm	1	017480306
1748B/7K HxL = 3,6x150 mm D = 38 mm	1	017480307
1748B/8K HxL = 3,6x200 mm D = 46 mm	1	017480308
1748B/9K HxL = 3,6x300 mm D = 70 mm	1	017480309
1748B/14K HxL = 4,8x190 mm D = 44 mm	1	017480314
1748B/17K HxL = 4,8x300 mm D = 72 mm	1	017480317
1748B/18K HxL = 4,8x360 mm D = 86 mm	1	017480318

The prices shown are for 100 pieces

1749

bonding gun varnished metal sheet



	L min mm		
1749	340	2	017490001

1749A

bonding gun, professional model aluminium tube



	L min mm		
1749A	360	1	017490010

1749A/RB

spare spouts for item 1749A

1749 A/RB	2	017490051

1749A/RT

front screw plugs for item 1749A

1749A/RT	1	017490052

1749AC

high thrust gun for chemical binders



	L min mm		
1749AC	360	1	017490005

1750

lever operated grease guns



	cc	L mm		
500		380	1	017500500
750		450	1	017500750

1750R/1 - 1750R/2

spare flexible hose made from nylon



	L mm		
1750R/1	310	2	017500030
1750R/2	410	2	017500040

1750RC

curved rigid hose



	L mm	M mm		
1750RC	150	10x1	2	017500050

1750RT

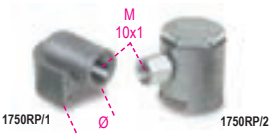
4-jaw grease fitting “Hydraulic” type



	M mm		
1750RT	10x1	5	017500110

1750RP/1 - 1750RP/2

heads for flat nozzles



	Ø mm	M mm		
1750RP/1	16	10x1	2	017500115
1750RP/2	22	10x1	2	017500120

1750CG

grease cartridges for item 1750



	cc		
400		18	017500140
600		18	017500160

1750M

mini grease gun

- With micro nozzle
- Particularly suitable for pneumatic tools



	cc	D mm	L mm		
1750M	100	43	145	1	017500025

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

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



cc		
200÷700	5	017520020

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

1756C

suction gun, 200 ml, made of polypropylene

- Also suitable for braking system fluid
- Double EPDM gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel

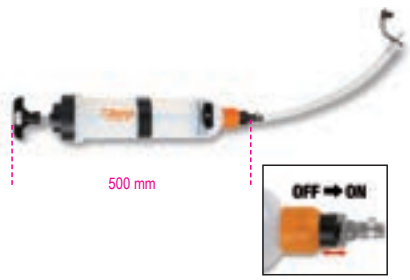


1756C	1	017560502

1756D

suction gun, 1500 ml, made of polypropylene

- Double NBR gasket
- Operating temperature: +0 - +50 °C
- NOT suitable for fuel



1756D	1	017560515

1756C-2OR

O-rings (pair) for suction guns 1756C

1756C-2OR	1	017560503

1756D-2OR

O-rings (pair) for suction guns 1756D

1756D-2OR	1	017560516

1757
battery fillers



cc	D mm		
250	60	4	017570002
500	75	4	017570004
1000	90	2	017570006

1757A
battery filler



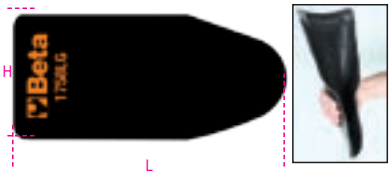
cc		
2000	1	017570020

1758A
non-return funnel
with quick coupling, Ø 38 mm
For Volkswagen group cars



1758A	1	017580010

1758LG
formable, rubber-covered aluminium foil,
for canalizing liquids



L mm	H mm		
365	168	1	017580006

1758M
funnel



	L mm		
1758 M	350	1	017580000

1758R
liquid containers

Convenient, removable, flexible spout



	lt		
1758R/3	3	1	017580203
1758R/5	5	1	017580205

1758VT
cylinder head testing kit

Quickly indicates whether expansion tank contains any carbon dioxide.



1758VT	1	017580100

290x190x50 mm - 1kg

1758VT/L
contrast liquid for testing cylinder heads



1758VT/L	1	017580101

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

1759A
antifreeze densimeter, glass body



	L mm		
1759A	340	1	017590001

1759B
acid densimeter, glass body



	L mm		
1759B	280	1	017590005

1759HD/3

cooling system seal testing and circuit filling tools

• **Make it possible to check circuit (pipes, joints, pumps, radiators) for leaks under pressure and quickly fill circuit, avoiding air bubble formation**



1759HD/3	1 017590063

600x500x140 mm - 6,5 kg

1759HD/RR

cooling system filling tool



1759HD/RR	1 017590064

450x310x110 mm - 2,2 kg

1759HD/TRUCK

truck cooling system testing and sealing tool



1759 HD/TRUCK	1 017590065

440x330x100 mm - 3 kg

1759TT

Kit of 4 pairs of turbo circuit testing caps, for use with tyre inflators



1759 TT	1 017590300

400x160x100 mm - 1,8 kg

1760DGT

digital automotive multimeter



TECHNICAL DATA
RPM (tachometer):
For 2 and 4 cylinder engines
RPM4 600 - 4000 RPM
RPM4 600 - 12000 RPM (x10 RPM)
RPM2/DIS 300 - 4000 RPM
RPM2/DIS 300 - 6000 RPM (x10 RPM)
Dwell angle: 4-8 CYL
DC voltage: 400mV-4/40/400/1000V
AC voltage: 4/40/400/700V
DC current: 40/400mA-4/20A
AC current: 40/400mA-4/20A
Resistance: 400Ω-4/40/400kΩ-4/40MΩ
Capacity: 40/400nF-4/40/100µF
Frequency: 5/50/500Hz-50/500-10MHz
Duty cycle: 0.1 % - 99.9%
Pulse amplitude: 1 - 10ms
Diode test: Test current 0.3mA
Continuity: <150Ω - Test current <0.3mA
Display: High-contrast, 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

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/OHM

Multimeter/megohmmeter for high voltage insulation testing.
TRUE RMS indicator



CAT. IV 600V
CAT. III 1000V

Measuring range	Base accuracy
AC/DC voltage: 50mV - 1000V	±0.06% - ±0.1% rdg
AC/DC current: 0.01µA - 10A	±0.5% - ±1% rdg
Resistance: 0.01Ω - 50MΩ	±0.2% - ±2% rdg
Meg OHM: 0.01 - 5000MΩ 1mA	±4% rdg. max current
Capacity: 5nF - 10mF	±1.5% - ±3% rdg
Frequency: 50Hz - 100 MHz	±0.02% - ±0.1% rdg
Temperature: -50 °C - +1350 °C	±0.5% rdg
Diode test: 3V dc	
Continuity test: <30 Ω	

1760/OHM	1 017600025

1760/RMS

industrial digital multimeter
accurate and sturdy, in a 6-mm co-moulded shell, with antislip, shockproof outer rubber part



Measuring range	Base accuracy
AC/DC voltage	110mV – 600V ±0.8% - ±2% rdg
AC/DC current	110µA – 10A ±1.5% - ±2% rdg
Resistance	110Ω – 40MΩ ±1.2% - ±2.5% rdg
Capacity	11nF – 40mF ±5% - ±10% rdg (up to 11mF)
Frequency	1100Hz – 110 MHz ±1.2% - ±1.5% rdg
Temperature	-32°C – +1000°C ±3% - ±5% rdg
Diode test, 3V DC ±10%	
Continuity test	<30 Ω -

1760/RMS	1	017600020

1760PA/80

AC/DC amperometric clamp, 80A

Designed to measure low current leakage or absorption values on vehicles



- Range: 1mA-80A AC/DC
- Torch function with white LED
- Backlit LCD display
- Zero setting function
- Hold function
- Auto power off
- Power supply: 2 1.5V AAA-type batteries

1760PA/80	1	017600002

1760PA/AC

amperometric clamp and digital multi-meter

A: AC
V: AC/DC





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

A: AC/DC
V: AC/DC



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



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 mm	H 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



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

1760/IR1600

digital infrared thermometer
with laser aiming system



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

1761

wire twisting pliers
with automatic return



L mm	
255	1 017610101

1761RS/1

reversible wire twisting pliers
with automatic return



L mm	
220	1 017610130

1762

revolving punch pliers



Ø mm	L mm	
2-2,5-3 3,5-4-4,5	210	2 017620001

1765/C24

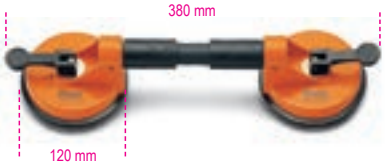
cases with 24 tools
for pulling out car radios



1765/C24	1 017650001

1766

double suction lifter



max kg	
50	2 017660001

1766A

single suction cup



max kg	
30	2 017660005

1766/8

assortment of 8 tools
for car glass windows



1766/8	1 017660100

1766ER

window trim removal tool
with handle

Allows window trims to be easily removed, with no risk of damage



1766ER	1 017660501

1766L

lever for glass windows



1766L	1 017660015

1766LI

lever for inserting car glass window cutting cable

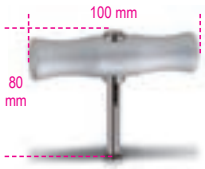
sharp edges for cutting bonds



1766LI	1	017660016

1766I

handle for steel cable item 1766G



1766I	2	017660020

1766G

steel cable for car windows

Square section



50 m	1	017660025

1766T

steel cable for glass windows

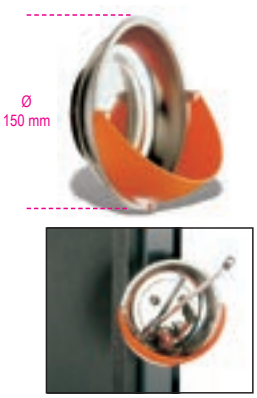
triangular section



50 m	1	017660026

1767PMC

magnetic tool holder, round



1767PMC	1	017670020

1767PMR

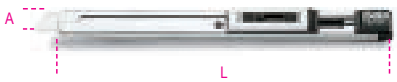
magnetic tool holder, rectangular



1767PMR	1	017670010

1770

extra flat utility knife, 9 mm snap-off blade



	L mm	A mm		
1770	140	9	10	017700001

1770A

utility knife 9 mm with automatic blade locking mechanism, 3 blades



	L mm	A mm		
1770A	135	9	10	017700025

1770RL

9 mm snap-off blades 10 pieces for utility knives 1770 and 1770A



1770RL	5	017700010

1770BM

utility knife, 9 mm, 6 blades



	L mm	A mm		
1770BM	140	9	10	017700050

1771

utility knife, 18 mm, supplied with 3 blades



1771	10	017710000

1771BM

utility knife, 18 mm, 6 spare blades



	L mm	A mm		
1771BM	170	18	10	017710050

1771RL

18 mm snap-off spare blades (10 pieces) for utility knives 1771, 1771BM



1771RL	5	017710010

1772R

utility knife with retractable trapezoidal blade, supplied with 5 blades



	L mm	A mm		
1772R	125	18	5	017720006

1772H

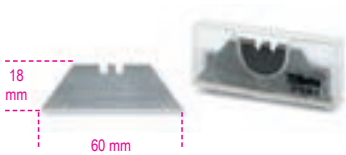
safety utility knife with retractable blade, supplied with 2 blades



	L mm	A mm		
1772H	170	18	5	017720029

1772RL/2

10 long trapezoidal spare blades, in box, for utility knives, 1772R,1772H,1774,1777BMT, 1777T



1772RL/2	5	017720017

1773A
utility knife, 25 mm



	L mm	A mm		
1773A	180	25	10	017730000

1773RL
25 mm blades (10 pieces)
for utility knife 1773A



1773RL	5	017730015

1774
multi-function scraper with blade guard



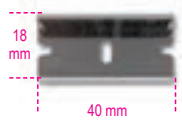
	L mm	L1 mm		
1774	165	60	5	017740001

1774A
multifunction scraper,
bi-material handle



	L mm	L1 mm		
1774A	300	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



	L mm	L1 mm	A mm		
1777BM	190	80	16	5	017770100

1777T
foldaway knife with trapezoidal stainless steel blade,
5 spare blades



	L mm	A mm	L1 mm		
1777T	160	19	65	5	017770030

1777BMT
foldaway knife with trapezoidal blade
4 adjustable blade depths
4; 9.5; 15.5; 21.5 mm
supplied with 3 blades

NOT AVAILABLE IN IRELAND, UK & USA



	L mm	L1 mm	A mm		
1777BMT	170	80	19	5	017770050

1778
foldaway knife,
aluminium handle,
in case



	L mm	A mm	L1 mm		
1778	195	24	80	5	017780045

1778CM
camouflage foldaway knife,
hardened steel blade,
in case



	L mm	A mm	L1 mm		
1778CM	195	24	80	5	017780099

1778D
foldaway knife,
stainless steel blade and handle,
in case



	L mm	A mm	L1 mm		
1778D	180	22	78	5	017780060

1778SCL
foldaway knife with soft carbon look finish,
hardened steel blade,
in case



	L mm	A mm	L1 mm		
1778SCL	180	22	78	5	017780089

1778SAFE
foldaway knife,
hardened steel blade,
with window breaking hammer,
seat belt cutter and knot untying features,
in case



	L mm	A mm	L1 mm		
1778SAFE	210	25	85	5	017780090

1778SOS
car service knife
with window breaking hammer
and seat belt cutter features
in case



	L mm	A mm	L1 mm		
1778SOS	205	25	85	5	017780080

1778W

foldaway knife,
stainless steel blade,
handle with wooden inserts,
in case



	L mm	A mm	L1 mm		
1778W	180	22	78	5	017780025

1778X

knives for nautical maintenance, stainless steel blades, aluminium handles
in case



	L mm	L1 mm	A mm		
1778X	185	85	25	2	017780050

1781

slim, long blade scissors



	L mm		
1781	132	2	017810001

1783

light duty scissors



L mm		
215	5	017830021
240	5	017830024

1784

heavy duty scissors



L mm		
175	2	017840017
200	2	017840020
250	2	017840025
300	2	017840030

1800/100

lifting airbags (max. lifting force: 100 kg)

- **lifting/levelling**
- **locking doors**



A mm	B mm	S mm		
160	150	2÷55	3	018000000

1808

dual rating soldering iron with steel tips
1824R8



W	V		
20/130	230	1	018080001

1812 150

instant heat soldering iron



W	V		
150	230	1	018120015

1814M

soldering irons
with steel tips



W	V		
25	230	1	018140225
30	230	1	018140230
40	230	1	018140240

1820

soldering irons



1820 30 30W L = 210mm	1	018200003
1820 60 60W L = 220mm	1	018200006
1820 80 80W L = 260mm	1	018200008

1822

high-performance soldering irons



1822 120 120W LxA = 250x125 mm	1	018220012
1822 180 180W LxA = 250x125mm	1	018220018
1822 320 320W LxA = 250x140mm	1	018220032

1823 60

digital soldering station
supplied with soldering iron

- **Temperature range: 160 °C ÷ 480 °C with ±1% accuracy.**
- **Memory mode designed to save the temperature selected when switching off the station.**
- **3 quick selection keys (200-300-400 °C).**



W		
60	1	018230060

1823R/60

spare soldering iron for item 1823 60



1823 R/60	1	018230066

1824R

spare tips for soldering irons



1824R08 1808	1	018240100
1824R 1812/150	1	018240301
1824R14-M25 1814M/25	1	018240152
1824R14-M30 1814M/30	1	018240153
1824R14-M40 1814M/40	1	018240154
1824 R30 1820/30	1	018240302
1824 R60 1820/60	1	018240303
1824 R80 1820/80	1	018240304
1822 R120-180 1822/120 -/180	1	018240305
1824 R320 1822/320	1	018240307
1824 RST-60 1823-60	1	018240308

1825B

soldering tin wire with antioxidant

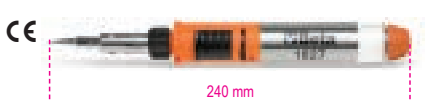
- **1 mm²; 250 g**
- **Sn 99.3%; Cu 0.7%**



1825B	1	018250251

1827

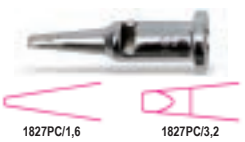
gas soldering iron, adjustable



1827	1	018270001

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

1827PFL

spare naked flame tips for item 1827



1827PFL	1	018270504

1827/K

gas soldering iron with 7 accessories in case with soft polyethylene foam base



- 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

1834L/USB

rechargeable high-brightness LED torch, made of sturdy anodized aluminium, up to 450 lumens
USB recharged

flat battery indicator (appearing when battery charge is down to 20%)
battery life: 4h



IPX6

L mm		
220	1	018340075

1834RB-L/USB

spare battery for item 1834L/USB

1834RB-L/USB	1	018340975

1834PS

high-brightness LED torch, made of sturdy, anodized aluminium, up to 300 lumens

- **Batteries (not included): 2xAAA (life 9/29 h)**
- **Lumens: 300>100>OFF**
- **IPX6**



L mm		
150	1	018340310

1834PM

high-brightness LED torch, made of sturdy, anodized aluminium, up to 350 lumens

- **Batteries (not included) :**
  - 1xAAA (life 11/33 h)
  - 2xAAA (life 13/39 h)
  - 3xAAA (life 15/45 h)
- **Lumens: 350>40>OFF**
- **Charge indicator**
- **IPX6**



L mm		
140	1	018340320

1834PL

high-brightness LED torch, made of sturdy, anodized aluminium, up to 500 lumens

- **Batteries (not included) :**
  - 1xAA (life 20/60 h)
  - 2xAA (life 28/84 h)
  - 3xAA (life 36/108 h)
- **Lumens: 500>40>OFF**
- **Charge indicator**

•IPX6



L mm		
210	1	018340325

1834PXL

high-brightness LED torch,
made of sturdy, anodized aluminium,
up to 1350 lumens

- **Batteries (not included) : 3xD (life 36/108 hr)**
- **Lumens: 1350>450>OFF**
- **Charge indicator**
- **IPX6**



L mm		
315	1	018340330

1835/1

LED inspection torch,
made of sturdy anodized aluminium

1xAAA battery (not included)



L mm		
105	3	018350030

1835/2

LED inspection torch,
made of sturdy anodized aluminium

2xAAA batteries (not included)



L mm		
145	3	018350060

1836A

LED headlamp, dual brightness, with contactless ON/OFF sensor

- **120/65 lumens**
- **IP54**
- **Batteries: 3xAAA included**



1836A	1	018360050

1836B

rechargeable LED headlamp, dual brightness, with ON/OFF sensor

- **Contactless ON/OFF sensor**
- **160 lumens**
- **Life: 3-6 h**
- **IP65**

CE



1836B	1	018360200

1837N

magnetic, articulated lamp with high-brightness LEDs,
up to 400 lumens

- Batteries (not included) :
  - 1xAA (life 25/69 h)
  - 2xAA (life 33/96 h)
  - 3xAA (life 43/124 h)
- Lumens: 400>40>OFF
- Charge indicator
- Adjustable focus
- IPX6



	L mm		
1837N	450	1	018370002

1837/USB

rechargeable, magnetic, articulated lamp with high-illuminated LEDs
micro USB charger not included

- Dual brightness: 150/450 lumens
- Adjustable focus
- Lithium polymer battery
- Charge indicator (green >85%; red <15%)
- Battery life 4-8 hours (depending on brightness)
- Micro USB charging

IPX6



1837/USB	1	018370051

1837RB/USB

spare battery for item 1837/USB

1837RB/USB	1	018370901

1837PLUS

LED spotlight for building yards

- **Brightness: 3000 lumens; adjustable (10%; 25%; 50%; 75%; 100%)**
- **Power supply: 100-240V AC - 50/60Hz; 26W**
- **impact protection: IK07**
- **cable: 5 m / 3x1 mm²**
- **Dimensions: 235 x 83 x 233 mm**

CE



1837PLUS	1	018370026

1838/11LED

rechargeable inspection lamp with ultra-high brightness LEDs, lithium polymer battery

- Compact body made of antislip rubber
- Easy-to-replace front glass
- Swinging hook
- With charging station, 110-230Vac
- 320 lumens
- With multidirectional head LED



1838/11LED	1	018380111

1838RA/10-11LED

spare power supplies for items 1838/10LED and 1838/11LED

1838RA/10-11LED	1	018380903

1838RB/10LED

spare battery for items 1838/10LED and 1838/11LED

1838 RB/10LED	1	018380902

1838RR/11LED

charging bases for item 1838/11LED

1838RR/11LED	1	018380914

1838RV/11LED

spare scratch-proof glass for lamp 1838/11LED



1838RV/11LED	2	018380905

1838COB

rechargeable inspection LED lamp

- **Hangable, with antislip, shockproof rubber body**
- **Lithium polymer battery**
- **55/110 lumens**



IP20

1838COB	1	018380010

1838P

rechargeable inspection pen light, with double light emission: lamp and torch

- Compact body made of antislip rubber
- 50/80 lumens
- Pocket hook
- Magnetic base can be rotated 180 degrees
- Complete with USB/microUSB charging cable
- Life: 2.5 hours
- IP20



1838P	1	018380005

1838FLASH

rechargeable, ultracompact spotlight, designed to offer the best possible solution for each use

ABUNDANT READY LIGHTING: with a maximum lighting capacity of 720 lumens, and running on both battery and cable, it is always ready to use.
CAN BE PLACED ANYWHERE:
-on flat surfaces: with rubber feet on three sides or 1/4" drive for stands (camera-like standard)
-on metal structures: with unscrewable magnet or hook that can be rotated 360 degrees.
COMPACT: no more than 85x100x155 mm in size, it can be easily replaced in tool bag and used in small areas.
STURDY: designed to withstand extremely severe mechanical stress. Guaranteed durability.



IP65

1838FLASH	1	018380300

1838RB/FLASH

spare battery for item 1838/FLASH

1838RB/FLASH	1	018380930

1838LED/120

LED under bonnet lamp with swivel hook

- **5-m-long oil-proof cable**
- **600-lumen LED strip, 7.5W**
- **Hook opening: 120 ÷ 170 cm**



IP65

1838LED/120	1	018380250

1838LED/120-AL

power supplies with spare cables for item 1838LED/120

1838LED/120-AL	1	018380251

1838SL

ultra-thin inspection lamp with ultra-high brightness LEDs.
For jobs in small areas

- power supply: 12V, with lighter socket and battery terminals
- 2.5-m-long cable
- thickness: 6mm
- 345 lumens



1838SL	1	018380101

1838UV

rechargeable UV and white light inspection lamp
ideal for detecting leaks

- Compact body made of antislip rubber
- With charger 100-240Vac / 50-60Hz
- 150 lumens / UV



1838UV	1	018380150

1839/R1

transformer with USB output, spare part for items 1834L/USB; 1836B; 1837/USB; 1838COB

1839/R1	1	018390501

1839/R2

USB/jack cable 3.5 mm, spare part for items 1836B; 1838P; 1838COB

1839/R2	1	018390502

1839/R3

USB/MicroUSB cable, spare part for item 1834L; 1837/USB

1839/R3	1	018390503

1840BM

230V inspection lamp, base type: E27

- Bulk not included



IP20

	V	W	L mm		
1840BM	230	60	420	1	018400101

1842LED/BM

Lamp with ultra-high brightness LEDs, 100-240 Vac

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 340 lumens
- with multi-directional head LED light



1842LED/BM	1	018420301

1842LED/ABM

Lamp with ultra-high brightness LEDs, 12-24V AC/DC

- 10-m-long cable
- compact body made of antislip rubber
- easy-to-replace front glass
- swinging hook
- 320 lumens
- with multi-directional head LED light



1842LED/ABM	1	018420311

1843BM

automatic cable reel with 230 Vac inspection lamp, base type E27 and steel protector

- Bulk not included



1843BM	1	018430101

1843R/BM

spare inspection lamp for cable reels, base type E27

- Bulk not included



IP20

1843 R/BM	1	018430131

1846LED/BM

Automatic cable reel with LED inspection lamp, 100-240 Vac

- With 230/24V safety transformer
- Max. 25 W



1846LED/BM	1	018460301

1846LED/ABM

Automatic cable reel
with LED inspection lamp,
12-24V AC/DC

- Max. 60 W



1846LED/ABM	1	018460311

1846R-LED/BM

spare LED lamps

12-24V - AC-DC



1846R-LED/BM	1	018460331

1847P

combination voltage and continuity tester



TECHNICAL DATA
Voltage range:6÷690V AC/DC
Frequency range: 0÷100Hz
Peak voltage resistance: 8 kV
Input resistance: ≥300kΩ
Input current: Is< 2,5 mA a 690V
Continuity test: <500 kΩ
2 AAA batteries

1847P	1	018470010

1847K

non-contact detector of AC voltage
with LED mini-torch



testing range: 200÷1000 V AC
50/60 Hz

	L mm		
1847K	180	1	018470101

1848

automatic cable reel
with Schuko type socket

- Max. 1600 W with unwound cable
- Max. 1200 W with wound cable



1848	1	018480015

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



	L mm	H mm		
1850B	240	190	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

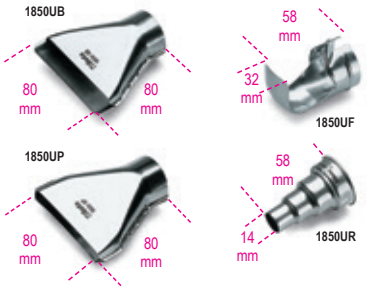
- Prog 1 250°C ca. 350 l/min
- Prog 2 350°C ca. 400 l/min
- Prog 3 450°C ca. 500 l/min
- Prog 4 550°C ca. 400 l/min



	L mm	H mm		
1850C	255	210	1	018500015

1850U...

nozzles for items 1850B and 1850C



	1850		
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



1851VK	1	018510058

320x250x50 mm

1851VK-12C

12 thermofusible glue sticks
Ø 11 mm



1851VK-12C	1	018510062

1852R1750

portable induction heater



- heats and loosens bolts, hubs and bearings without using flames
- allows any type of ferromagnetic metal to be heated

Standard equipment:
- two front attachable coils, Ø 19 and 26 mm, for loosening nuts
- one flat coil for heating surfaces
- one flexible coil, 800 mm long
- supplied in plastic case

Technical data:
- input voltage: 230V AC, 50/60 Hz
- input current: max. 7,5A
- power: max. 1.75 kW

OPTIONAL EQUIPMENT
Coils are also available in other sizes

BENEFITS
Time saving: quick, extremely accurate heating
Fire safety: does not produce flames, maximum operator safety
Functional: can be used with one hand, and coils can be easily interchanged

FIELDS OF APPLICATION
Automotive industry
Industrial maintenance
Aviation industry
Naval industry
Petrochemical industry

1852 R1750	1	018520175

200x140x75 mm - 4,5 kg

1852S-L

side attachable coils



	Ø mm		
1852 S-L19	19	1	018520501
1852 S-L20	20	1	018520502
1852 S-L23	23	1	018520503
1852 S-L26	26	1	018520504
1852 S-L32	32	1	018520505
1852 S-L38	38	1	018520506
1852 S-L45	45	1	018520507

1852 S-F

front attachable coil



	Ø mm		
1852 S-F19	19	1	018520508
1852 S-F20	20	1	018520509
1852 S-F23	23	1	018520510
1852 S-F26	26	1	018520511
1852 S-F32	32	1	018520512
1852 S-F38	38	1	018520513
1852 S-F45	45	1	018520514

1852 S-FLESS

flexible coil



1852 S-FLESS	1	018520515

1852 S-PIATTE

flat coil



1852 S-PIATTE	1	018520516

1860K/160A

DC hand electrode inverter welding machines, suitable for motor generators, compact and easy to carry,
complete with case, cables, hammer brush and shoulder strap

Arc force, hotstart, anti-sticking and thermostatic protection features



Adjustment current: 5÷155A
Power supply: 1x230V
Absorbed power: MAX 3.7 KVA
Use factor (40 °C):
35% - 150 A
60% - 130 A
100% - 100 A
Delayed fuse: 20 A
Protection: IP21
Operating temperature: -15/+40 °C (+5/+104 °F)
Usable electrodes: Ø 1.5 - 4mm rutilic, basic, stainless, cast iron etc.

1860K/160A	1	018600160

500x400x150 mm 4,2 kg

1860R/C

cables and clamps for inverter 1860K

1860R/C	1	018600501

7042LCD

Auto-darkening LCD mask, for electrode welding; MIG/MAG; TIG and plasma.
Solar cells power supply and lithium batteries for outstanding LCD filter life

- Viewing area: 98x43 mm
- Darkening shade: DIN 9-13, externally adjustable
- UV/IR protection
- Light to dark time: 1/25000 s
- Dark to light time: 0.25-1s
- Adjustable darkening sensitivity and delay
- Auto on/off
- Grinding feature
- Optimized shape to make it easier to breathe with pulled-down screen



7042LCD	1	070420001

7042LCD/RV

scratch-proof lens protector for item 7042LCD

7042LCD/RV	2	070420101

7042LCD/RV-INT

inside lens for item 7042LCD

7042LCD/RV-INT	2	070420102

1870

solid and fluid vacuum cleaner, 20 l

- single-stage by-pass motor
- voltage: 230/240 V
- frequency: 50/60 Hz
- max. power: 1200 W
- airflow rate: 58 l/sec.
- max. suction power: 190 mbar
- max. drum capacity: 20 l, made of antistatic PP
- acoustic emissions: <70 dB(A)
- cable length: 5 m
- trolley for accessories

STANDARD ACCESSORIES, Ø 36 mm
- 1 corrugated hose with ergonomic handle
- 2 hard extension tubes
- 1 multiuse brush for floors and fluids
- 1 flat nozzle

FILTERING SYSTEMS
- 1 surface filter cartridge 1900 cm2 - 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



IPX4

1870	1 018700020

1872

solid and fluid vacuum cleaner, 35 l

- two-stage by-pass motor
- voltage: 230/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55 l/sec.
- max. suction power: 220 mbar
- max. drum capacity: 35 l, made of antistatic PE-HD
- acoustic emissions: <68 dB(A)
- cable length: 6 m

STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 aluminium extension tubes
- 1 articulated brush for floors and carpets
- 1 combined brush frame
- 1 upholstery nozzle
- 1 section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 1900 cm2, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30
- 2 post-filters made of PP-laminated PET



IPX4

1872	1 018720035

1873

solid and vacuum cleaner, 30 l, stainless steel drum

- two-stage by-pass motor
- voltage: 230/240 V
- frequency: 50/60 Hz
- max. power: 1100 W
- airflow rate: 55l/sec.
- max. suction pressure: 220 mbar
- max. drum capacity: 30 l, made of stainless steel
- acoustic emissions: <61 dB(A)
- cable length: 6 m
- trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 1900 cm2, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



1873	1 018730030



1874

solid and fluid vacuum cleaner, 50 l, stainless steel drum

- two-stage by-pass motor
- voltage: 230/240 V
- frequency: 50/60 Hz
- max. power: 1350 W
- airflow rate: 55 l/sec.
- max. suction pressure: 240 mbar
- max. drum capacity: 50 l, made of stainless steel
- acoustic emissions: <63 dB(A)
- cable length: 6 m
- trolley for accessories

STANDARD ACCESSORIES, Ø 45 mm
- 1 corrugated hose with ergonomic handle
- 2 stainless steel extension tubes
- 1 industrial brush frame
- 1 industrial section for carpets
- 1 industrial section with fluid collection hoses
- 1 flat nozzle

FILTERING SYSTEMS
- 1 filter paper bag
- 1 surface filter cartridge 5200 cm2, 12 µm nom.
- 1 anti-foam filter PPI 45/PPI 30



1874	1 018740050

1870-20/5S

5 horizontal paper bags for item 1870



1870 20/5S	1 018700021

1870-72 /FC

cartridge filter 1900 cm² 12 - µm nom. for items 1870 - 1872 - 1873



1870-72 /FC	1 018700026

1870-72/FL

fluid vacuum cleaning filter
for items 1870 - 1872 - 1873 - 1874



1870-72/FL	1	018700027

1872-35/5S

5 vertical paper bags for item 1872



1872 35/5S	1	018720036

1873-30/5S

5 vertical paper bags for item 1873



1873 30/5S	1	018730031

1874-50/5S

5 vertical paper bags for item 1874



1874 50/5S	1	018740051

1874-50/FC

cartridge filter 5200 cm² - 12 µm nom.
for item 1874



1874 50/FC	1	018740056

1877

exhausted oil drain unit, wheeled,
with 90 l tank

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- pneumatic tank emptying through 1.8 m pipe
- tool tray

CE



1877	1	018770008

1877A

exhausted oil drain unit / vacuum cleaner,
wheeled,
with 90 l tank and pre-chamber

- level indicator
- big diameter pan with breakwater grate; capacity: 12 l
- transparent pre-chamber: capacity 9.5 l
- 1.8 m suction pipe
- pneumatic tank emptying through 1.8 m pipe
- tool tray

Standard accessories:
- 1 hard probe, Ø 5x700 mm
- 1 flexible probe, Ø 5x700 mm
- 1 hard probe, Ø 6x600 mm
- 1 flexible probe, Ø 6x700 mm
- 1 flexible probe, Ø 7x700 mm
- 1 flexible probe, Ø 8x700 mm
- adapters for VW, BMW, CITROËN

CE



1877A	1	018770080

1878 3

oil collection tank,
for truck hubs
With oil drip catcher



1878 3	lt 3	1	018780003

1878 11

fluid collection tank

- Maximum capacity: 11 l
- Fluid drain plug
- Interior wall for preventing
fluid leakage during transportation

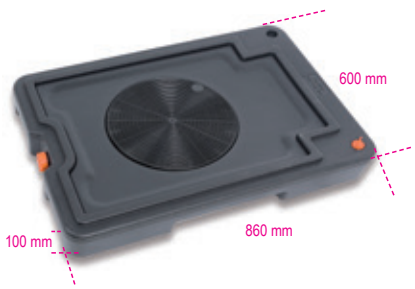


1878 11	1	018780011

1878 30

fluid collection tank

- Maximum capacity: 30 l
- Splashproof grate
- Fitted with 4 pivoting wheels



1878 30	1	018780030

1879

9.5 l manual/pneumatic operation fluid
extractor



1879	1	018790001

1879R/K4

kit of 4 spare tubes for fluid extractor 1879



1879R/K4	1	018790504

1880

manual barrel pump



	gr		
1880	240	1	018800001

1881

pneumatic barrel pump, ratio 3:1



	l/min		
1881	14	1	018810001

1882

oil gun with flexible end and automatic drip catcher

- 1/2"
- Maximum delivery rate: 65 l/min
- Maximum operating pressure: 100 bar
- Lockable delivery lever



1882	1	018820010

1883

digital litre counter for oil

- 1/2"
- Shockproof rubber coating
- Battery: 1 CR2 (included)
- Max. delivery rate: 0÷35 l/min (0÷9 gal/min)
- Max. pressure: 50 bar (750 psi)
- Viscosity: 8÷5000 mPas
- Tolerance: ±0.5%

CE



1883	1	018830035

1883NC

male-male nipple, 1/2, for items 1882 and 1883



1883NC	1	018830135

1884

oil filler tool for manual and automatic gearboxes and differentials

Complete with 12 adaptors for direct connection



1884	1	018840010

AT-101	FORD
AT-102	UNIVERSAL (Bmw, Honda, Nissan...)
AT-103	VW-AUDI
AT-104	VW-AUDI-PORSCHE
AT-105	VW-AUDI-MINI COOPER
AT-106	MERCEDES
AT-107	DSG
AT-108	VW-AUDI CVT
AT-109	VOLVO
AT-110	TOYOTA-LEXUS
AT-111	SKODA
AT-112	VW Passat/Tiguan <2007

1884/C12

case of adapters for item 1884



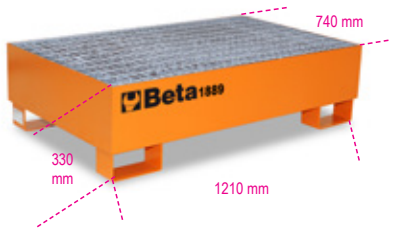
1884/C12	1	018840100

1889

steel handling and storage base for 2 200-l barrels

- Completely hot painted with epoxy powder
- Easy to carry with a fork lift truck or a transpallet
- Support cannot be placed under any part

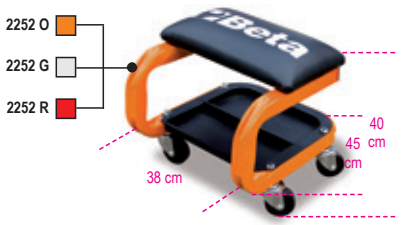
CE



1889	1	018890200

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

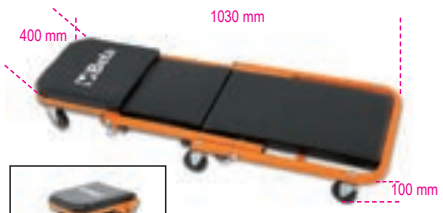


3000M/RLS	1	030000206

3002

creeper and seat

• Steel frame
• PVC lining with upholstery
• Easily convertible into a creeper or a seat





NOT AVAILABLE IN THE USA, CANADA & MEXICO

3002	1	030020001

3002/RLS

6 spare wheels for creeper 3002



3002/RLS	1	030020501

3003

creeper
made of shockproof plastic

• Wheel Ø: 76 mm



3003	1	030030001

3003/RLS

6 spare wheels for creeper 3003

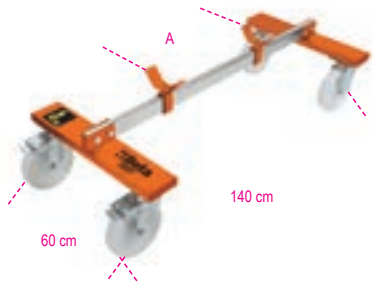


3003/RLS	1	030030501

3007

underbody trolley for vehicles without forecarriage / rear axle

Allows vehicles without forecarriage or rear axle to be easily handled while working
• 4 pivoting wheels, including 2 with brakes, suitable for use in painting furnaces
• 2 sliding supports to fit all chassis
• max. capacity: 800 kg



	A Max mm		
3007	110	1	030070001

3008

jack and positioner for single and twin truck wheels

• max. capacity: 700 kg
• min. height: 140 mm
• max. height: 660 mm
• distance between rollers: 470÷740 mm
• hydraulic overloading safety device
• front pivoting wheels

CE

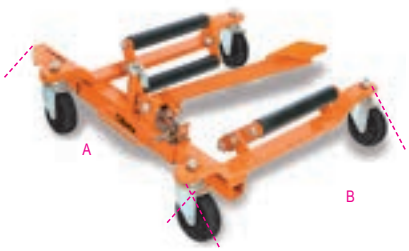


3008	1	030080100

3009

wheel lifter

Maximum lifting capacity: 550 kg
4 pivoting rollers
Roller width: 200 mm
For wheels up to 240 mm in width



A	B		
400÷850 mm	600 mm	1	030090001

3009R/GR4

4-wheel groups for trolleys 3009 R/GR4

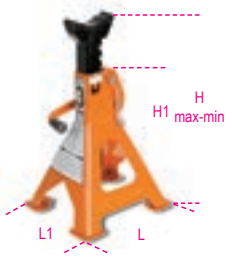


3009 R/GR4	1	030090501

3010/T...

jack stands, pair





C max kg	H min mm	H max mm	H1 mm	L mm	L1 mm		
2000	280	425	245	185	165		
3010/T2						1	030100002
3000	285	430	250	180	195		
3010/T3						1	030100003
6000	400	580	340	245	280		
3010/T6						1	030100006
10000	471	735	420	330	290		
3010/T10						1	030100010

3011/T
hydraulic bottle jacks



C max kg	H min mm	H Max mm	L mm
3500	170	366	86

3011/T3,5 1 030110035

C max kg	H min mm	H Max mm	L mm
5000	203	467	118

3011/T5 1 030110050

C max kg	H min mm	H Max mm	L mm
10000	220	484	114

3011/T10 1 030110100

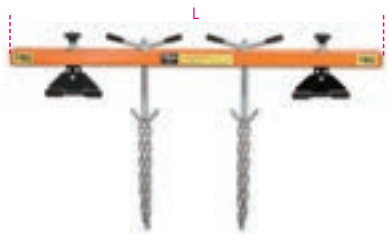
C max kg	H min mm	H Max mm	L mm
15000	230	497	113

3011/T15 1 030110150

C max kg	H min mm	H Max mm	L mm
20.000	245	521	115

3011/T20 1 030110200

3012
engine brackets



L mm	C max kg	
1500	500	1 030120010
1800	400	1 030120018

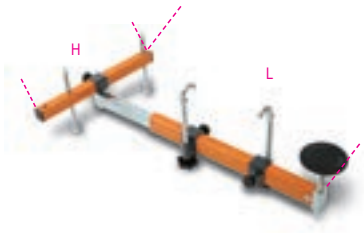
3012C
lower engine bracket

ideal for cars and commercial vehicles



3012C 1 030120255

3012I
lower engine bracket



	L mm	H mm	
3012I	630÷960	190	1 030120250

3014
engine stand



3014 1 030140010

3014R/GR5
5 spare wheels for engine stand 3014



3014R/GR5 1 030140501

3014 SAR
folding engine stand

- **Easy to fold up, for significantly increased compactness**
- **Allows 360° rotation of engine or gear**
- **Provides unparalleled safety and stability during jobs**

Maximum capacity: 450 kg



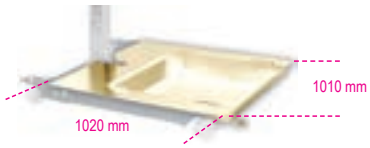
3014 SAR 1 030140360

3014SAR/RR
4 spare wheels for engine stand 3014SAR



3014SAR/RR 1 030140370

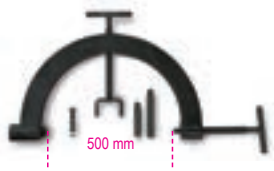
3014SAR/1
fluid collection tank
for item 3014 SAR



3014 SAR/1 1 030140361

1020x1010x11 mm

3014SAR/2
clamp for fixing transmission gear on stand
item 3014 SAR



3014 SAR/2 1 030140362

3025
folding hydraulic crane with dual effect pump

Maximum capacity: 1 t



3025 3025 1 030250001

3025/RF
2 spare fixed wheels for hydraulic crane 3025



3025/RF 1 030250901

3025/RG

2 spare swivel wheels for hydraulic crane 3025



3025/RG	1	030250902

3025/PF

barrel handling pliers

Maximum capacity: 300 kg

CE



	A mm	B mm		
3025/PF	550÷640	70	1	030250011

3026 0,3

hydraulic pit and under bridge jack

CE



3026 0,3	1	030260003

3026/R0,3

4 spare swivel wheels for hydraulic jack 3026 0,3



3026/R0,3	1	030260903

3026 0,5

hydraulic pit and under bridge jack

Maximum capacity: 500 kg

CE



3026 0,5	1	030260005

3026/R0,5

4 spare swivel wheels for hydraulic jack 3026 0,5



3026/R0,5	1	030260905

3026 1,0

hydraulic pit and under bridge jack

Maximum capacity: 1 t



3026 1,0	1	030260010

3026/S

swivel transmission gear support with reduction bushes for jacks item 3026

Maximum capacity: 500 kg



3026/S	1	030260501

3026/SP

Universal transmission support

Allows one operator to disassemble and reassemble any transmissions of cars, commercial vehicles and off-roaders quickly and safely.



3026/SP	1	030260505

3027 10

hydraulic bench press with moving piston

Maximum capacity: 10 t

CE



3027 10	1	030270010

90 kg

3027 20

hydraulic press with moving piston 20 t

Maximum capacity: 20 t

CE



3027 20	1	030270020

140 kg

3027 30

hydraulic press with moving piston and hoist

Maximum capacity: 30 t



3027 30	1	030270030

230 kg

3027 50

hydraulic press with moving piston and hoist

Maximum capacity: 50 t

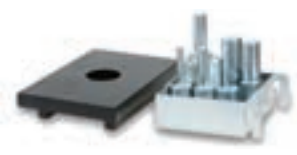


3027 50	1	030270050

350 kg

3027/KP

set of pin punches and plate for press item 3027



3027/KP10	3027 10	1	030270510
3027/KP20	3027 20	1	030270520
3027/KP30	3027 30	1	030270530
3027/KP50	3027 50	1	030270550

3027/KPP50

pedal control for hydraulic press item 3027 20-30-50



3027/KPP50	1	030270555

3030/2T

lowered car jack, 2 t with 6 wheels

- **dual front tilting wheels made of plastic material (PTFE)**
- **car jack can be easily handled on uneven, irregular floors**
- **maximum capacity: 2 tons**



3030	1	030300020

43 kg

3030/2T-R5

front wheel with pin for jack 3030 2T



3030/2T-R5	1	030300505

3030/2T-R6

spare rear wheel for item 3030/2T



3030/2T-R6	1	030300506

3030/2TRP

spare 85-mm rubber plate for item 3030/2T



3030/2TRP	5	030300501

3033/3T

hydraulic jack, 3t long version

- **For use on commercial vehicles**
- **Maximum capacity: 3 t**
- **Polyamide wheels**



3033	1	030330030

3035

tyre trolley

-2 castors Ø 260 mm
-2 castors Ø 125 mm
-Maximum carrying capacity: 200 kg
-Forks can be adjusted in 2 positions:
first position: maximum opening 880 mm
second position: maximum opening 980 mm
-Can be used as a top by locking position horizontally



3035	1	030350100

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 M6x1 mm Aprilia, Yamaha, Triumph	1	030400506
3040A/8 M8x1.25 mm Suzuki, Honda, Ducati	1	030400508
3040A/10 M10x1.25 mm Kawasaki	1	030400510

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

3041T

front motorcycle stand, high, adjustable,
with radial calipers

- **Matt black lacquer**
- **Polyamide slider holder**
- **4 thermoplastic rubber wheels**



3041T	1	030410011

3041T/17

L-shaped sliders (pair), made of rubber, for
radial calipers
for item 3041T



3041T/17	1	030410517

3042

front stand
for motorcycle steering pin

- **Matt black lacquer**
- **4 thermoplastic rubber wheels**
- **Includes a 6-pin kit**



3042	1	030420001

3042/K6P

6-pin kit for motorcycle stand item 3042

(already included in item 3042)



3042/K6P	1	030420101

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



	Ø mm		
3043A/41 Ducati	21,8	1	030430541
3043A/42 Triumph	27,5	1	030430542
3043A/43 MV - Ducati	42	1	030430543
3043A/44 Ducati 1098	40	1	030430544
3043A/45 Honda	28,6	1	030430545
3043A/46 BMW F800S	30	1	030430546
3043A/47 BMW K,R,S	52,9	1	030430547

3061/2T

air hydraulic jack, 2 tons - 2 stages



Fitted with:
- high-resistance three-layer diaphragm and internal telescopic guide
- end-of-stroke stop and overloading safety valve
- can also be used on auto lifts

TECHNICAL DATA
capacity: 2 t
weight: 14 kg
power supply pressure: 8-10 bar
height: min.132 - max. 326 mm

3061/2T	1	030610020

3061/2T-P50

50-mm extension for item 3061/2T



3061/2T-P50	1	030610021

3061/2T-P100

100-mm extension for item 3061/2T



3061/2T-P100	1	030610022

3063/2,5T

air hydraulic jack, 2.5 tons, wheeled



Particularly suitable for use on cars and commercial vehicles
Ideal for garages, tyre repairers' and body shops

FITTED WITH:
• automatic arm return
• full-load speed control

TECHNICAL DATA
capacity: 2.5t
weight: 75 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

3063/2,5T	1	030630125

3065/40-20T

air hydraulic jack, 40/20 tons



• suitable for use on heavy vehicles
• functional and easy to handle, for transportation on mobile repair shops as well
• automatic piston return
• two descent valves with under load speed control

TECHNICAL DATA
capacity: 40/20 tons
weight: 39 kg
power supply pressure: 8-10 bar
air consumption: 400 l/min

3065/40-20T	1	030650200

3067/70-13T

air hydraulic jack, 70-43-23-13 t



Long version, suitable for use on lorries, articulated vehicles, buses and coaches, and agricultural machines
• automatic piston return
• two descent valves with under load speed control

TECHNICAL DATA
capacity: 70-43-23-13 tons
weight: 74 kg
power supply pressure: 8-10 bar
air consumption: 600 l/min

3067/70-13T	1	030670130

INSULATED TOOLS

Beta Utensili's insulated tools are meant to guarantee installation and electrical maintenance men's safety.
All of the insulated tools make it possible to work on systems up to 1000V on alternating current and up to 1500V on direct current.
To provide the highest quality and performance standards and verify fitness and compliance with EN 60900, each tool is subjected to the following stringent tests: handle resistance to slipping and flame propagation, and high voltage test (10000V).
For assortments and thermoformed trays, see relevant sections.

All of Beta's insulated tools are built in accordance with the specifications of EN60900 and are approved by the best European certification institutions



Istituto Italiano del Marchio di Qualità - I

Verband der Elektrotechnik
Elektronik Informationstechnik - D

52MQ

single open end wrenches



1000 V

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



1000 V

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



1000 V

EN 60900

L mm	A max		
250	30	1	001100525

606MQ/50

click-type torque wrench with reversible ratchet



1000 V

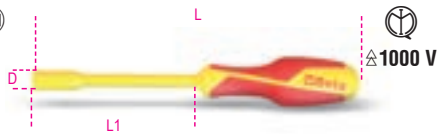
EN 60900
UNI EN 26789
ISO 6789

Nm	Kgfm	lbf.ft	A mm	L mm	g
5÷50	0,5÷5	4÷40	90	375	1130

606MQ/50	1	006060705

850MQ

magnetic bit holder, insulated, with bimaterial handle



1000 V

IMQ CSV

L mm	L1 mm	D mm		
233	125	12.5	1	008500910

920MQ/A

hexagon sockets



1000 V

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



1000 V

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



1000 V

EN 60900

L mm	Ø mm		
135	28	1	009200804

920MQ/22

1/2" square drive extension bar



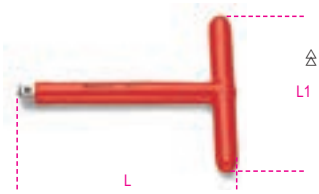
1000 V

EN 60900

L mm	Ø mm		
264	30	1	009200805

920MQ/T

1/2" square drive, T-handle



1000 V

EN 60900

L mm	L1 mm		
200	163	1	009200807

920MQ/55A

1/2" square drive reversible ratchet with socket locking system



1000 V

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



1000 V

EN 60900

920MQ/C16	1	009200917

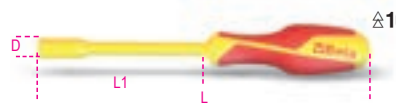


920MQ/A 8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 - 24 mm
920MQ/PE 5 - 6 - 8 mm
920MQ/21 135 mm
920MQ/22 264 mm
920MQ/55A
920MQ/T

420x280x60 mm - 5,2 kg

943MQ

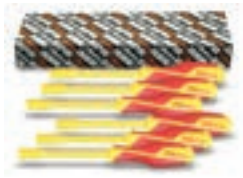
hexagon nut spinners with handles



1000 V

EN 60900

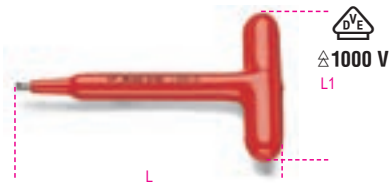
mm	L mm	L1 mm	D mm		
5,5	233	125	12,2	1	009430235
6	233	125	12,5	1	009430236
7	240	125	14,3	1	009430237
8	240	125	15,3	1	009430238
10	252	125	17,3	1	009430240
13	252	125	21,3	1	009430243



943MQ/S6 5,5-6-7-8-10-13 mm	1	009430250

951MQ

T-handle wrenches with hexagon male ends



EN 60900

mm	L mm	L1 mm		
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		
147	1	009930040

994MQ

straight knurled point spring tweezers



EN 60900

L mm		
145	1	009940040

1010MQ

long round nose pliers



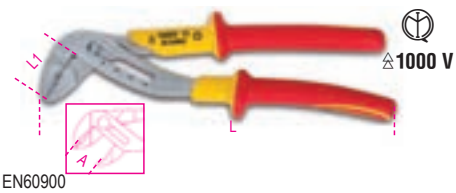
EN 60900

L mm	L1 mm		
160	51,5	1	010100096

1048MQ

slip joint pliers, boxed joint

- **Chrome-plated finish**



EN60900

L mm	A max mm	L1 mm		
250	48	39	1	010480315

1082MQ

diagonal cutting nippers



EN 60900

L mm	L1 mm	mm		
140	20	1,6	1	010820094
160	22	1,6	1	010820096

1084MQ

heavy duty diagonal cutting nippers

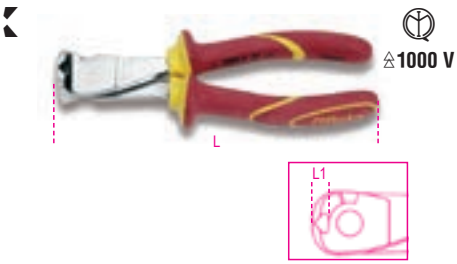


EN 60900

L mm	L1 mm	mm		
200	26	2,0	1	010840100

1088MQ

end cutting nippers



EN 60900

L mm	L1 mm	mm		
160	7	1,6	1	010880096

2115P L-MQ32



2115P L-MQ32		235

1128MQ

electrician's scissors, stainless steel blades, with microteeth

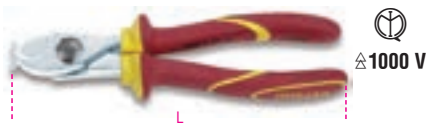


IEC60900

L mm	L1 mm		
145	45	1	011280101

1132MQ

cable cutter with insulated handles for copper and aluminium cables



EN 60900

L mm	mm		
230	18	1	011320193

1142MQ

wire stripping pliers



EN 60900

L mm	mm²		
160	0,5÷6	1	011420096

1150MQ

combination pliers, bright chrome-plated



EN 60900

L mm	L1 mm	mm		
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

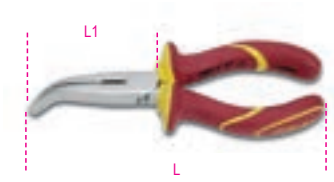
extra long flat nose pliers



EN 60900

L mm	L1 mm	mm		
160	56	1,6	1	011620096
200	76	1,6	1	011620100

1164MQ
extra-long bent flat nose pliers



1000 V

L mm	L1 mm	mm		
160	54	1,6	1	011640096
200	76	1,6	1	011640100

1166MQ
extra long needle nose pliers



1000 V

EN 60900

L mm	L1 mm	mm		
160	56	1,6	1	011660096
200	76	1,6	1	011660100

1168MQ
extra long bent needle nose pliers

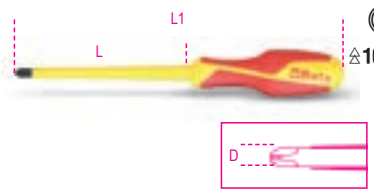


1000 V

EN 60900

L mm	L1 mm	mm		
160	50	1,6	1	011680096
200	70	1,6	1	011680100

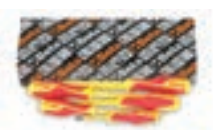
1272MQ
screwdrivers
for cross head Phillips® screws



1000 V

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

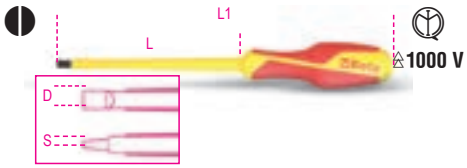
1273MQ/D6
set of 6 screwdrivers



1000 V

1273MQ/D6	1	012730851
1274MQ	0,5x3x100 -0,8x4x100 1,0x5,5x125 mm	
1272MQ	PH0x3x60 -PH1x4,5x80 PH2x6x100 mm	

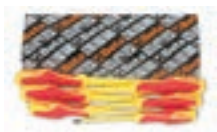
1274MQ
screwdrivers for headless slotted screws



1000 V

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



1274MQ/S6 0,5x3x100-0,8x4x100 1x5,5x125-1,2x6,5x150 1,2x8x175-1,6x10x200 mm	1	012740751

1279MQ
screwdrivers for cross head
Pozidriv®-Supadriv® screws



1000 V

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



1279MQ/S4 PZ 0-1-2-3	1	012790751

1725MQ
mini-hacksaw frame



1000 V

	L mm	H mm		
1725MQ	260	85	1	017250030

1777MQ/C
cable stripping knife, insulated

• for multicore cables



1000 V

	L mm		
1777MQ/C	190	1	017770026

1777MQ/U
cable stripping knife, insulated



1000 V

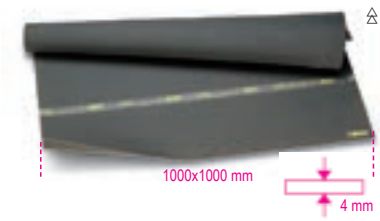
	L mm		
1777MQ/U	190	1	017770011

1777RL/U
4 spare blades for utility knife 1777MQ/U



1777RL/U	1	017770021

1995MQ/T
insulating mat

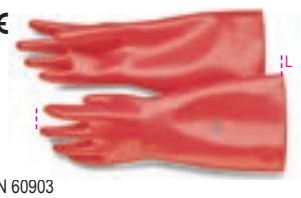


1000 V

VDE 0303

	LxSxH mm		
1995MQ/T	1000x1000x4	1	019950030

1995MQ/G1 - G2
insulating gloves in latex



1000 V

EN 60903

	Gr.	L mm		
1995MQ/G1	9	410	1	019950010
1995MQ/G2	10	410	1	019950013













STAINLESS STEEL
+ NO STAINLESS STEEL=
RUST



STAINLESS STEEL
+ STAINLESS
STEEL= NO RUST

THE BETA INOX TOOLS CAN BE AUTOCLAVE STERILIZED AT 121 °C

The **BETA INOX** tools can be used in **critical environments** - that is, in areas where the minimum level of contamination is not permitted. Some examples are:

- Nuclear applications
- Pharmaceutical production - **class C**
- Offshore applications
- Biotechnological and biomedical laboratories
- Food industry.

The Beta Inox tools avoid improper rust formation.
Whenever any tools other than those made of stainless steel are used on stainless steel screws, nuts or surfaces, a few particles may come off the tools, thereby triggering corrosion. This often results in aesthetic problems and, sometimes, in structural problems as well.
Examples of applications are:

- Shipyards
- Building
- Solar systems
- Car industry.

CHARACTERISTICS
Accurate selection of the materials[1] and the expert quest for the best heat treatment provide the Beta Inox tools with mechanical characteristics which far exceed the standards and are comparable to those of the other Beta tools.

These tools share the same ergonomic properties and design as the other Beta tools, which have been known to, and appreciated by, professional users for over 75 years.

Stainless steel is 100% recyclable, which is also a major plus.

[1] *Beta Utensili uses magnetic stainless steel AISI 420*

42INOX

combination wrenches
made of stainless steel



mm	L mm		
6x6	95	2	000420306
8x8	116	2	000420308
10x10	137	2	000420310
11x11	148	2	000420311
12x12	158	2	000420312
13x13	169	2	000420313
14x14	180	2	000420314
15x15	190	2	000420315
16x16	201	2	000420316
17x17	212	2	000420317
19x19	233	2	000420319



42INOX/S11 6-8-10-11-12-13- 14-15-16-17-19 mm	1	000420391



42INOX/SC9 8-10-11-12-13-14-15-17-19 mm	1	000420387
42/SCV9I	1	000420103

42INOX-AS

combination wrenches,
made of stainless steel



"	L mm		
1/4x1/4	95	1	000420356
5/16x5/16	116	1	000420358
3/8x3/8	137	1	000420360
7/16x7/16	148	1	000420361
1/2x1/2	169	1	000420363
9/16x9/16	180	1	000420364
5/8x5/8	201	1	000420366
11/16x11/16	212	1	000420367
3/4x3/4	233	1	000420369



42INOX-AS/S9 1/4-5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4	1	000420396

96BPINOX

ball head offset hexagon key wrenches,
made of stainless steel



mm	L mm	L1 mm	g		
2	91	22	4	4	000961441
2,5	91	22	6	4	000961442
3	101	24	11	4	000961443
4	112	29	19	4	000961444
5	131	33	32	4	000961445
6	154	36	51	4	000961446
7	164	40	65	2	000961447
8	175	44	116	2	000961448
10	197	51	189	2	000961450



96BPINOX/B6 2,5-3-4-5-6-8 mm	1	000961455
96BPINOX/B9 2-2,5-3-4-5- 6-7-8-10 mm	1	000961456
96/BV	1	000961459

96BPINOX-AS

ball head offset hexagon key wrenches,
made of stainless steel



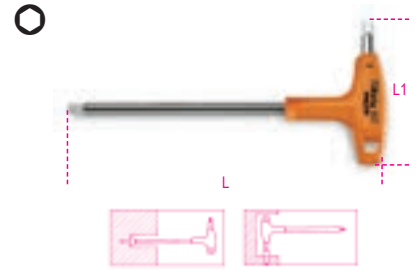
"	L mm	L1 mm	g		
5/64	91	22	5,5	4	000961989
3/32	91	22	5,3	4	000961990
7/64	101	24	10,5	4	000961991
1/8	101	24	10,7	4	000961992
9/64	112	29	18,7	4	000961993
5/32	112	29	18,7	4	000961994
3/16	131	33	31,5	2	000961995
7/32	154	36	50,0	2	000961996
1/4	164	40	70,0	2	000961997
5/16	175	44	115,0	2	000961998
3/8	197	51	186,5	2	000961999



96BPINOX-AS/B8 5/64-3/32-1/8-5/32- 3/16-7/32-1/4-5/16	1	000962000
96/BV	1	000961459

96TINOX

offset hexagon key wrenches,
with high-torque handles,
made of stainless steel



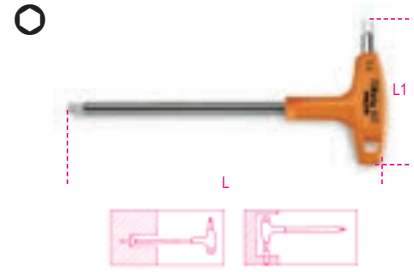
mm	L mm	L1 mm		
2.5	153	55	2	000961935
3	153	55	2	000961936
4	179	70	2	000961938
5	200	84	2	000961940
6	221	95	2	000961941
7	236	106	2	000961942
8	255	117	2	000961943
10	285	132	2	000961944



96TINOX/S5 2,5-3-4-5-6 mm	1	000961952
96TINOX/S8 2,5-3-4-5- 6-7-8-10 mm	1	000961954

96TINOX-AS

offset hexagon key wrenches,
with high torque handles,
made of stainless steel



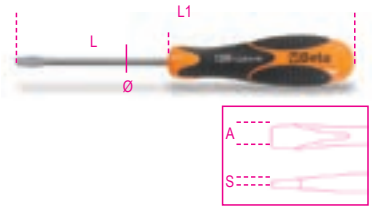
"	L mm	L1 mm	Ø mm		
3/32	153	55	3	2	000961861
7/64	153	55	4	2	000961862
1/8	179	70	4	2	000961863
9/64	179	70	5	2	000961864
5/32	200	84	6	2	000961865
3/16	200	84	6	2	000961866
7/32	221	103	7	2	000961867
1/4	236	106	8	2	000961868
5/16	255	117	10	2	000961869
3/8	285	132	12	2	000961870



96TINOX AS/S7 3/32-1/8-5/32-3/16- 7/32-1/4-5/16	1	000961877

1290INOX

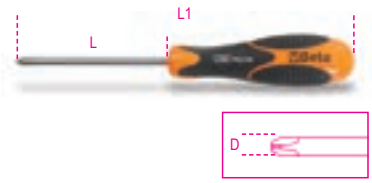
screwdrivers for slotted head screws
made of stainless steel



SxAxL mm	L1 mm	Ø mm		
0.4x2.5x50	146	2.5	4	012900403
0.5x3x75	171	3.0	4	012900409
0.8x4x100	196	4.0	4	012900430
1.x5.5x150	259	5.0	4	012900442
1.2x6.5x150	270	6.0	4	012900451

1292INOX

screwdrivers for cross head Phillips® screws,
made of stainless steel



PHxDxL mm	L1 mm		
0x3x60	156	4	012920403
1x4.5x80	189	4	012920409
2x6x100	220	4	012920418

1293INOX/D8

screwdriver set
made of stainless steel



1293INOX/D8		1	012930408
1290INOX	2,5x50-3x75 4x100-5,5x150-6,5x150 mm		
1292INOX	PH0x60-PH1x80 PH2x100 mm		

C04 TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel

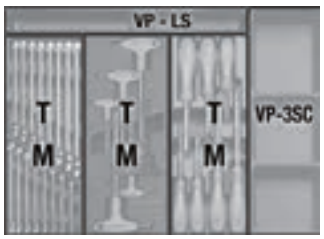
Main features:
• Seven drawers (570 x 410 mm) with ball bearing slides;
6 drawers, 83 mm high;
1 drawer, 170 mm high;
• 4 castors Ø 125 mm
2 fixed and 2 steering (two with brakes);
• Front centralized lock;
• Frame made entirely of stainless steel
• Castors, supports, ball bearings, drawer interiors and guides made of stainless steel
• Drawer handles made of aluminium

63 kg

700 kg

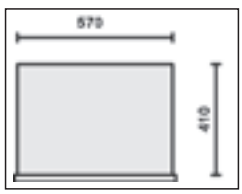


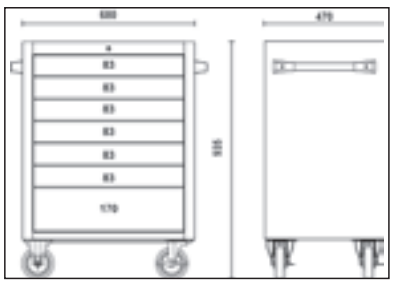




h	max
83 mm	25 kg
170 mm	30 kg







C04 TSS/7	1	024003077

SPARK-PROOF TOOLS

Copper-Berillium Cu-Be

The **Beta** spark-proof tools are specially designed for safe operations in environments subject to potential risk of explosion, in the presence of flammable liquids or gases, or for any applications that require using perfectly antimagnetic, corrosion-resistant tools.





The Beta sparkproof tools are certified by the Federal Institute for Materials Research and Testing, BAM, under European Directive 99/92/EC.

CLASSIFICATION OF AREAS SUBJECT TO EXPLOSION RISK			
ATEX	HIGH	MEDIUM-LOW	EXTREMELY LOW
GASES	**ZONE 0** An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is continuously present or present for long periods or frequently.	**ZONE 1** An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is likely to occur in normal operation.	**ZONE 2** An area in which an explosive atmosphere consisting of a mixture of air and flammable substances in the form of gas, vapour or mist is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
DUSTS	**ZONE 20** An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is continuously present or present for long periods or frequently.	**ZONE 21** An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is likely to occur in normal operation occasionally.	**ZONE 22** An area in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.

WARNING! Risk of explosion in ACETYLENE environment

The mechanical characteristics of sparkproof tools differ from those of normal steel tools. Sparkproof tools should be used with extreme caution, avoiding overloads.

30BA

sparkproof drift punches



Ø mm	L mm	S mm		
5	150	15	1	000300806
8	150	17	1	000300808
10	150	19	1	000300810

31BA

sparkproof pin punches



Ø mm	L mm		
3	110	1	000310853
4	110	1	000310854
6	115	1	000310856
8	120	1	000310858

34BA

sparkproof flat chisels



L mm	A mm		
200	22	1	000340801
250	23	1	000340803
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



mm	L mm		
6x6	105	1	000420806
7x7	105	1	000420807
8x8	120	1	000420808
9x9	120	1	000420809
10x10	135	1	000420810
11x11	135	1	000420811
12x12	150	1	000420812
13x13	150	1	000420813
14x14	175	1	000420814
15x15	175	1	000420815
16x16	195	1	000420816
17x17	200	1	000420817
18x18	215	1	000420818
19x19	220	1	000420819
20x20	230	1	000420820
21x21	240	1	000420821
22x22	250	1	000420822
24x24	268	1	000420824
27x27	290	1	000420827
28x28	290	1	000420828
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



"	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



mm	L mm		
6x7	90	1	000550801
8x9	100	1	000550802
8x10	100	1	000550795
9x11	110	1	000550797
10x11	120	1	000550803
12x13	130	1	000550804
13x14	133	1	000550799
14x15	145	1	000550805
14x17	150	1	000550806
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



"	L mm		
3/8x7/16	110	1	000550853
1/2x9/16	130	1	000550854
5/8x11/16	160	1	000550857
3/4x13/16	180	1	000550859
7/8x15/16	210	1	000550865
1x1.1/16	230	1	000550868
1.1/8x1.3/16	245	1	000550870
1.1/4x1.5/16	255	1	000550872

58BA

sparkproof open end slogging wrenches



mm	L mm		
17	125	1	000580817
19	125	1	000580819
22	135	1	000580822
24	150	1	000580824
27	165	1	000580827
30	180	1	000580830
32	190	1	000580832
36	210	1	000580836
38	220	1	000580838
41	230	1	000580841
46	240	1	000580846
50	255	1	000580850
★55	305	1	000580855
★60	315	1	000580860
★65	335	1	000580865
★70	370	1	000580870
★75	375	1	000580875
★80	400	1	000580880

78BA

sparkproof bi-hex ring slogging wrenches



mm	L mm		
17	145	1	000780817
19	145	1	000780819
22	165	1	000780822
24	140	1	000780824
27	155	1	000780827
30	165	1	000780830
32	180	1	000780832
34	192	1	000780834
36	208	1	000780836
38	215	1	000780838
41	225	1	000780841
46	245	1	000780846
50	250	1	000780850
55	265	1	000780855
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		
6x7	122	1	000900801
8x9	128	1	000900802
10x11	155	1	000900803
12x13	175	1	000900806
14x15	200	1	000900808
14x17	220	1	000900809
16x17	230	1	000900811
16x18	235	1	000900812
18x19	265	1	000900815
20x22	295	1	000900818
21x23	298	1	000900820
22x24	315	1	000900821
24x26	333	1	000900822
24x27	340	1	000900823
30x32	395	1	000900824
34x36	410	1	000900826
★36x41	450	1	000900828
★41x46	470	1	000900829
★46x50	490	1	000900830

91BA

sparkproof heavy duty offset ring wrenches



mm	Ø mm		
24	38	1	000910824
27	42	1	000910827
30	48	1	000910830
32	49	1	000910832
36	54	1	000910836
41	62	1	000910841
★46	69	1	000910846
★50	75	1	000910850
★55	82	1	000910855

92BA

sparkproof tubes for item 91BA



	L mm	91BA mm	Ø mm		
92BA/1	460	24÷30	25	1	000920810
92BA/2	610	32÷41	28	1	000920820
★92BA/3	760	46÷55	32	1	000920830

93BA

ratcheting double-ended offset ring wrench for scaffolding bolts, sparkproof



mm	L mm		
21x22	345	1	000930821

95BA

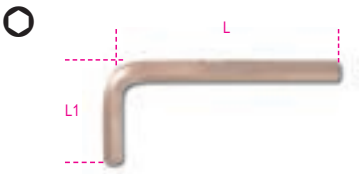
double ended flat ring wrenches, sparkproof



mm	L mm		
7x9	115	1	000950801
8x10	115	1	000950802
10x11	140	1	000950804
10x12	140	1	000950805
12x14	145	1	000950806
14x17	165	1	000950807
★16x18	170	1	000950809
★17x19	185	1	000950808
★18x19	185	1	000950810
★19x22	200	1	000950812
★21x23	230	1	000950815
★24x27	255	1	000950817
★30x32	295	1	000950820

96BA

sparkproof offset hexagon key wrenches



mm	L mm	L1 mm		
1,5	50	17	1	000960760
2	50	16	1	000960762
2,5	56	20	1	000960761
3	63	21	1	000960763
4	69	25	1	000960764
5	78	29	1	000960765
6	88	33	1	000960766
7	93	34	1	000960767
8	97	36	1	000960768
9	104	37	1	000960769
10	110	39	1	000960770
12	122	44	1	000960772

96BA/BP

ball head offset hexagon key wrenches, sparkproof



mm	L mm	L1 mm		
3	60	20	1	000961803
4	66	25	1	000961804
5	75	28	1	000961805
6	84	32	1	000961806
8	92	36	1	000961808
10	102	40	1	000961810
12	113	45	1	000961812

99BA

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



mm	A mm		
32-75	4,0	1	000990803
50-120	4,5	1	000990805
115-170	4,5	1	000990811

110BA

sparkproof adjustable wrenches



L mm	A max		
100	13	1	001100810
150	18	1	001100815
200	24	1	001100820
250	32	1	001100825
300	39	1	001100830
375	48	1	001100837
★450	55	1	001100845
★600	65	1	001100860

330BA

sparkproof pipe cutters for gas pipes



	Ø max	L mm		
330BA/2	50 mm 2"	375	1	003300802

363BA

sparkproof heavy duty pipe wrenches



L mm	Ø max	Ø max mm		
150	1/2" gas	20	1	003630815
200	1" gas	30	1	003630820
250	1"1/2 gas	49	1	003630825
300	2" gas	60	1	003630830
350	2" gas	60	1	003630835
450	2"1/2 gas	76	1	003630845
600	3" gas	90	1	003630860

378BA

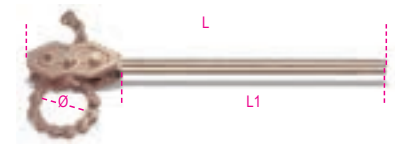
sparkproof pipe wrench, Swedish pattern, made from copper/beryllium alloy



L mm	Ø max "		
430	1" 1/2 gas	1	003780800
530	2" gas	1	003780801

386BA

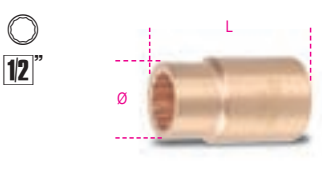
sparkproof heavy duty reversible chain pipe wrenches



L mm	Ø max mm	L1 mm		
600	100	470	1	003860806
900	200	750	1	003860809

921BA

sparkproof bi-hex sockets



mm	Ø mm	L mm		
8	24,0	40	1	009210808
9	24,0	40	1	009210809
10	16,5	40	1	009210810
11	17,5	40	1	009210811
12	18,5	40	1	009210812
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/25

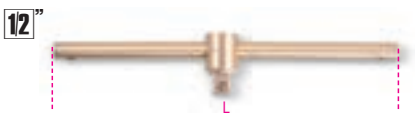
sparkproof 1/2" drive universal joint



L mm	Ø mm	□	■		
80	25	1/2	1/2	1	009210845

921BA/42

sparkproof 1/2" drive sliding T handle



L mm		
250	1	009210846

921BA/50

sparkproof 1/2" drive push-through square ratchet



L mm	D mm	A mm		
250	45	16,5	1	009210850

921BA/R50

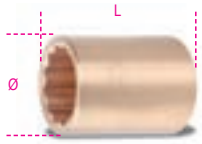
sparkproof spare set



1/2"	1	009210851

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
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

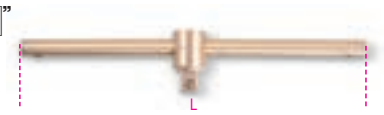
sparkproof 3/4" drive extension bars



	L mm	Ø mm		
926BA/22	200	38	1	009260872

926BA/42

sparkproof 3/4" drive slide T-handle



L mm		
400	1	009260876

926BA/50

sparkproof 3/4" push-through drive ratchet



L mm	D mm	A mm		
300	61	22	1	009260880

926BA/R50

sparkproof
spare set

3/4"



■		
3/4"	1	009260881

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 bars with pointed and flat bent ends



L mm	A mm		
500	24	1	009630801
★800	24	1	009630803
★1000	30	1	009630805

964BA

sparkproof wrench bungs

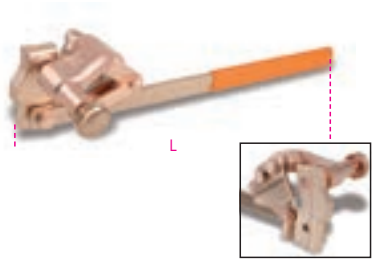


L mm		
385	1	009640801

964BA/L

universal shears for barrels, sparkproof

For opening edged metal barrels



L mm		
★964BA/L 510	1	009640821

965BA

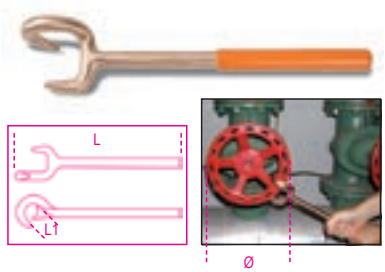
safety valve wrenches, sparkproof



A mm	A1 mm	L mm		
30	44	200	1	009650830
32	50	300	1	009650832
35	47	250	1	009650835
40	50	300	1	009650840
45	58	350	1	009650845
48	62	375	1	009650848
50	67	400	1	009650850
55	73	450	1	009650855
60	79	500	1	009650860
★65	82	550	1	009650865
★70	85	600	1	009650870

966BA

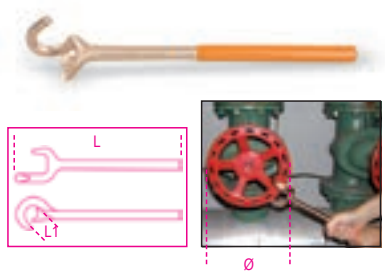
sparkproof safety valve wrench



L mm	L1 mm	Ø min÷max mm		
350	40	50÷150	1	009660801

966BA/V

sparkproof safety valve wrenches



L mm	L1 mm	Ø min÷max mm		
370	36	125÷250	1	009660812
430	48	250÷400	1	009660814

1032BA

sparkproof internal circlip pliers, straight pattern,
PVC-coated handles



L mm	⊙ mm		
200	40÷100	1	010320820

1036BA

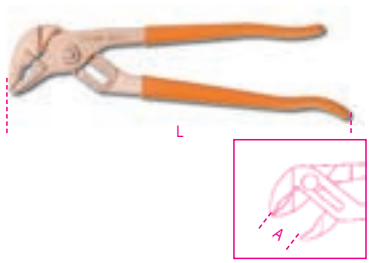
sparkproof external circlip pliers, straight pattern,
PVC-coated handles



L mm	● mm		
200	40÷100	1	010360820

1046BA

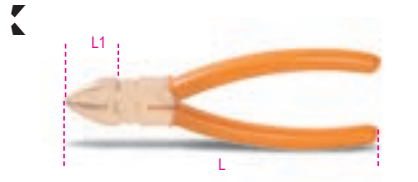
sparkproof slip joint pliers



L mm	A max mm		
250	32	1	010460801
★300	52	1	010460803

1082BA

sparkproof diagonal cutting nippers



L mm	L1 mm		
160	22	1	010820801

1137BA

blasting pliers



L mm	L1 mm		
185	30	1	011370801

1137BA/RC

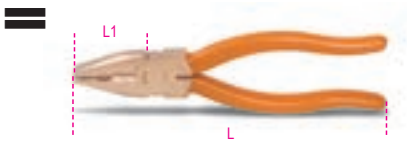
spare blade for item 1137BA



1137BA/RC	1	011370851

1150BA

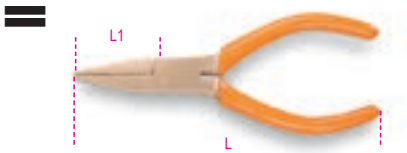
sparkproof combination pliers



L mm	L1 mm		
200	40	1	011500820

1162BA

sparkproof extra-long flat knurled nose pliers



L mm	L1 mm		
150	54	1	011620815

1166BA

sparkproof extra-long needle knurled nose pliers



L mm	L1 mm		
150	54	1	011660815

1270BA

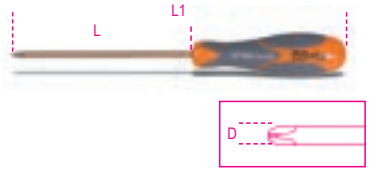
sparkproof screwdrivers for slotted head screws



AxL mm	L1 mm		
3x75	178	1	012700803
4x100	209	1	012700804
5x150	250	1	012700805
6x150	270	1	012700806
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 1370BA/500	1	013700865
1370BA/MR1000 1370BA/1000	1	013700870

1375BA/PL

sparkproof ball pein and claw hammer, wooden shaft



g	L mm	L1 mm	Ø mm		
680	321	125	30	1	013750800

1377BA

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm		
340	90	280	1	013770834

1377BA/PL

sparkproof ball pein hammer, round head, for coppersmiths and tinsmiths



g	L1 mm	L mm		
340	90	280	1	013770884

1379BA

sparkproof scraping hammer, wooden shaft



g	L1 mm	L mm		
500	142	315	1	013790850

1380BA

sparkproof lump hammers, wooden shafts



g	L1 mm	L mm		
1000	100	400	1	013800810
1500	118	400	1	013800815
2000	126	449	1	013800820

1380BA/MR

spare shafts for item 1380BA

1380BA/MR1000 1380BA/1000	1	013800860
1380BA/MR1500 1380BA/1500	1	013800865
1380BA/MR2000 1380BA/2000	1	013800870

1381BA

sparkproof sledge hammers, wooden shafts



g	L1 mm	L mm		
5000	179	900	1	013810850
★8000	190	900	1	013810858

1381BA/MR

spare shaft for item 1381BA

1381BA/MR5000 1381BA/5000	1	013810870
★**1381BA/MR8000** 1381BA/8000	1	013810878

1390BA

spark-proof soft face hammer



Ø mm	L mm	L1 mm		
★**52**	370	130	1	013900805

1390BA/R

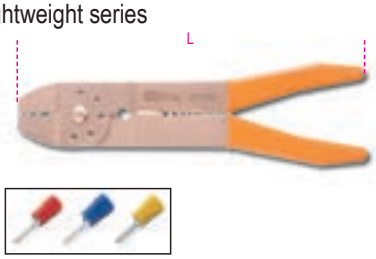
spare nylon faces for item 1390BA



D mm		
52	4	013900885

1602BA

sparkproof crimping pliers for insulated terminals, lightweight series



mm²	L mm		
0.75÷6	200	1	016020801

1701BA

sparkproof hexagon chisels



L mm	A mm	S mm		
150	12	10	1	017010810
200	16	14	1	017010814
250	18	14	1	017010815
350	19	17	1	017010817

1703BA/A

sparkproof axe



L mm	L1 mm	A mm		
340	145	82	1	017030082

1703BA/P

sparkproof pick



A mm	L mm	L1 mm		
56	1050	410	1	017030150

1703BA/PL

sparkproof shovel



A mm	L1 mm	L mm		
240	420	990	1	017030200

1717BA

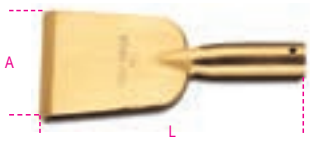
sparkproof rigid spatulas



A mm		
60	1	017170801
80	1	017170803

1717BA/1

sparkproof wall scraper



A mm	L mm		
100	220	1	017170805

1719BA8

sparkproof files, 8"



	L mm		
1719BA8/P	200	1	017190801
1719BA8/M	200	1	017190805
1719BA8/R	200	1	017190810
1719BA8/T	200	1	017190815
1719BA8/Q	200	1	017190820

1719BA12

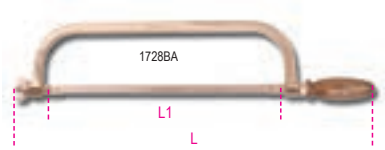
sparkproof files, 12"



	L mm		
1719BA12/P	300	1	017190831

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 15 years Beta Utensili has supplemented its products with a comprehensive range of pneumatic tools and accessories developed for the automotive and industrial maintenance markets: impact wrenches, ratchets, drills, grinders, sanders and many more items.

During this period close co-operation with professional users has been key to ongoing growth. It is on the basis of such growth that Beta's pneumatic tools can boast an excellent reliability/performance ratio.
In order to satisfy market requirements in the best possible way, Beta Utensili repairs the pneumatic tools in its Quality Department. This process has allowed the company to improve its know-how to a significant extent and become increasingly responsive to the customer base.



1921B1
baby reversible air ratchet

1/4"



Free speed	**350 rpm**
Max. torque	24 Nm
Bolt capacity	**Cl 8.8 M7●11 mm**
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	68 l/min
Weight	**0,4 kg**

■ "	kg	
1/4		1 019210001

1921M1
compact reversible air ratchet

1/4"



Free speed	**200 rpm**
Max. torque	27 Nm
Bolt capacity	**Cl 8.8 M7●11 mm**
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min
Weight	**0,6 kg**

■ "	kg	
1/4	0,6	1 019210005

1921M2
compact reversible air ratchet

3/8"



Free speed	**200 rpm**
Max. torque	27 Nm
Bolt capacity	**Cl 8.8 M7●11 mm**
Bolt capacity	Cl 12.9 M6●10 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	96 l/min
Weight	**0,6 kg**

■ "	kg	
3/8	0,6	1 019210015

1921N3
reversible ratchet

1/2"



Free speed	**150 rpm**
Max. torque	68 Nm
Bolt capacity	**Cl 8.8 M10●16 mm**
Bolt capacity	Cl 12.9 M8●13 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	140 l/min
Weight	**1,2 kg**

■ "	kg	
1/2	1,2	1 019210025

1921I
impact reversible ratchet

• **"Pin Clutch" impulse device**

1/2"



Free speed	**400 rpm**
Max. torque	101 Nm
Bolt capacity	**Cl 8.8 M10●16 mm**
Bolt capacity	Cl 12.9 M8●13 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	235 l/min
Weight	**1,3 kg**

■ "	kg	
1/2	1,3	1 019210035

1924B
compact reversible impact wrench

• **"Pin Clutch" impulse device**

3/8"



Free speed	**10,000 rpm**
Max. torque	353 Nm
Bolt capacity	**Cl 8.8 M16●24 mm**
Bolt capacity	Cl 12.9 M14●21 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	80 l/min
Weight	**1,5 kg**

■ "	kg	
3/8	1,5	1 019240021

1924CD
reversible impact wrench,
made from composite material

• **Double hammer impulse device**

3/8"



Free speed	**10,000 rpm**
Max. torque	410 Nm
Bolt capacity	**Cl 8.8 M16●24mm**
Bolt capacity	Cl 12.9 M14●21mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	79 l/min
Weight	**1,3 kg**

■ "	kg	
3/8	1,3	1 019240007

1927CD

reversible impact wrench, made from composite material

• **Double hammer impulse device**



Free speed	**7,000 rpm**
Max. torque	1020 Nm
Bolt capacity	**Cl 8.8 M22●34 mm**
Bolt capacity	Cl 12.9 M18●27 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	130 l/min
Weight	**1,9 kg**

■ "	kg		
1/2	1,9	1	019270007

1927P

reversible impact wrench, made from composite material

• **Double hammer impulse device**



Free speed	**7,500 rpm**
Max. torque	1,750 Nm
Bolt capacity	**Cl 8.8 M24●36 mm**
Bolt capacity	Cl 12.9 M20●30 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	290 l/min
Weight	**2 kg**

■ "	kg		
1/2	2,0	1	019270008

1927XM

compact reversible impact wrench

• **Single hammer impulse device**



Free speed	**10,000 rpm**
Max. torque	770 Nm
Bolt capacity	**Cl 8.8 M22●34 mm**
Bolt capacity	Cl 12.9 M18●27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	122 l/min
Weight	**1.3 kg**

■ "	kg		
1/2	1,3	1	019270030

1927A

reversible impact wrench

• **"Pin Clutch" impulse device**



Free speed	**7,000 rpm**
Max. torque	610 Nm
Bolt capacity	**Cl 8.8 M22●34 mm**
Bolt capacity	Cl 12.9 M18●27 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min
Weight	**2.7 kg**

■ "	kg		
1/2	2,7	1	019270002

1927AN

Angle reversible impact wrench

• **Single hammer impulse device**



Max. torque	**244 Nm**
Bolt capacity	Cl 8.8 M14●21 mm
Bolt capacity	**Cl 12.9 M12●19 mm**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**190 l/min**
Weight	2.1 kg
Peso	**2,1 kg**

■ "	kg		
1/2	2,1	1	019270012

1927SP-AM

magnetic support for pneumatic impact wrench

• **Fitted with two high-powered magnets with protective rubber tops**
• **Can accommodate 1 1/2" impact wrench, 4 sockets and 1 torque wrench**
• **Capacity: 10 kg**



g		
400	1	019270000

1928CD

reversible impact wrench,
made from composite material

• **Double hammer impulse device**



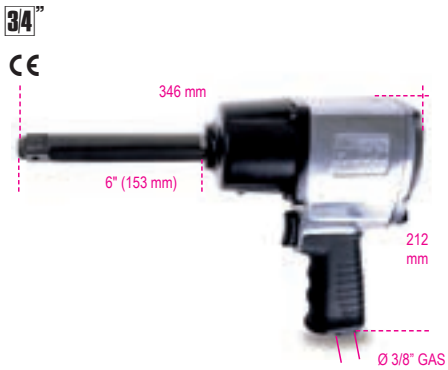
Free speed	**4.500 rpm**
Max. torque	1800 Nm
Bolt capacity	**Cl 8.8 M27●41mm**
Bolt capacity	Cl 12.9 M22●34mm
Air inlet	**3/8" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	215 l/min
Weight	**3,5 kg**

■ "	kg	
3/4	3,5	1 019280007

1928DAL

reversible impact wrench

• **Double hammer impulse device**



Free speed	**5,000 rpm**
Max. torque	1695 Nm
Bolt capacity	**Cl 8.8 M27●41 mm**
Bolt capacity	Cl 12.9 M24●36 mm
Air inlet	**3/8" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min
Weight	**4,8 kg**

■ "	kg	
3/4	4,8	1 019280023

1930CD

reversible impact wrench,
made from composite material

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2445 Nm
Bolt capacity	**Cl 8.8 M36●55 mm**
Bolt capacity	Cl 12.9 M30●46 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	320 l/min
Weight	**7,1 kg**

■ "	kg	
1	7,1	1 019300022

1928DA

reversible impact wrench

• **Double hammer impulse device**



Free speed	**5,000 rpm**
Max. torque	1695 Nm
Bolt capacity	**Cl 8.8 M27●41 mm**
Bolt capacity	Cl 12.9 M24●36 mm
Air inlet	**3/8" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	240 l/min
Weight	**4,3 kg**

■ "	kg	
3/4	4,3	1 019280022

1928K4

assortment of one reversible impact wrench
and four impact sockets, long series

• **"Pin Clutch" impulse device**



○ **728L** 27-30-32-36 mm

Free speed	**4,000 rpm**
Max. torque	1493 Nm
Bolt capacity	**Cl 8.8 M27●41 mm**
Bolt capacity	Cl 12.9 M24●36 mm
Air inlet	**3/8" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	260 l/min
Impact wrench weight	**5,2 kg**
Kit weight	9,3 kg

■ "	kg	
3/4	9,3	1 019280104

410x330x106 mm

1930NCD

reversible impact wrench,
made from composite material

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2445 Nm
Bolt capacity	**Cl 8.8 M36●55 mm**
Bolt capacity	Cl 12.9 M30●46 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	320 l/min
Weight	**8,8 kg**

■ "	kg	
1	8,8	1 019300027

1930PA

reversible impact wrench

• **Double hammer impulse device**



Free speed	**3,500 rpm**
Max. torque	2,445 Nm
Bolt capacity	**Cl 8.8 M36●55 mm**
Bolt capacity	Cl 12.9 M30●46 mm
Air inlet	**1/2" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	350 l/min
Weight	**9.6 kg**

"	kg		
1	9,6	1	019300032

1930A

reversible impact wrench

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2.445 Nm
Bolt capacity	**Cl 8.8 M36●55 mm**
Bolt capacity	Cl 12.9 M30●46 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**9.5 kg**

"	kg		
1	9,5	1	019300036

1930ZL

reversible impact wrench

• **Double hammer impulse device**



Free speed	**3,000 rpm**
Max. torque	4068 Nm
Bolt capacity	**Cl 8.8 M42●65 mm**
Bolt capacity	Cl 12.9 M36●55 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	480 l/min
Weight	**15 kg**

"	kg		
1 1/2	15	1	019300070

1930LA

reversible impact wrench

• **Double hammer impulse device**



Free speed	**4,000 rpm**
Max. torque	2445 Nm
Bolt capacity	**Cl 8.8 M36●55 mm**
Bolt capacity	Cl 12.9 M30●46 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**10,6 kg**

"	kg		
1	10,6	1	019300037

1930HLA

reversible impact wrench

• **Double hammer impulse device**



Free speed	**3,000 rpm**
Max. torque	3661 Nm
Bolt capacity	**Cl 8.8 M42●65 mm**
Bolt capacity	Cl 12.9 M33●50 mm
Air inlet	**1/2" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**13 mm**
Mean air consumption	460 l/min
Weight	**16,4 kg**

"	kg		
1	16,4	1	019300040

1931CD6

reversible drill,
made from composite material



Free speed	**2,600 rpm**
Chuck capacity	1÷6 mm
Power	**0.23 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	130 l/min
Weight	**0,6 kg**

kg		
0,6	1	019310006

1931CD10

reversible drill,
made from composite material



Free speed	**1,800 rpm**
Chuck capacity	1÷10 mm
Power	**0.38 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min
Weight	**1 kg**

kg 1,0 — 1 019310010

1931AN10

reversible angle drill



Free speed	**1,400 rpm**
Chuck capacity	1÷10 mm
Power	**0.38 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min
Weight	**1,1 kg**

kg 1,1 — 1 019310030

1932RS13

reversible drill



Free speed	**750 rpm**
Chuck capacity	1.5÷13 mm
Power	**0.55 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min
Weight	**1,4 kg**

kg 1,4 — 1 019320043

1931CD13

reversible drill,
made from composite material



Free speed	**800 rpm**
Chuck capacity	1÷13 mm
Power	**0.38 kW**
Spindle thread	1/2" - 20UNC
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	170 l/min
Weight	**1,3 kg**

kg 1,3 — 1 019310013

1932B10

reversible drill



Free speed	**1,800 rpm**
Chuck capacity	1÷10 mm
Power	**0.23 kW**
Spindle thread	3/8" - 24UNF
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	160 l/min
Weight	**1,2 kg**

kg 1,2 — 1 019320040

1932B13

reversible drill



Free speed	**400 rpm**
Chuck capacity	1.5÷13 mm
Power	**0.34 kW**
Spindle thread	1/2" - 20UNC
Air inlet	**1/4" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	180 l/min
Peso	**1,6 kg**

kg 1,6 — 1 019320004

1933
die grinder



Free speed	**25,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.20 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**
Weight	380 g

g 380 — 1 019330001

1933I
die grinder



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.38 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**260 l/min**
Weight	670 g

g 670 — 1 019330005

1933L
long spindle die grinder



Free speed	**25,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.20 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**270 l/min**
Weight	670 g

g 670 — 1 019330015

1933IL
long spindle die grinder

- **High power**



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.38 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**113 l/min**
Weight	1,4 kg

kg 1,4 — 1 019330010

1933AN90
angle grinder



Free speed	**20,000 rpm**
Chuck capacity	3 - 6 mm
Power	**0.20 kW**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**230 l/min**
Weight	510 g

g 510 — 1 019330020

1934BV
low-speed tyre buffer



Free speed	**3,700 rpm**
Chuck capacity	3 - 6 mm
Power	**0.37 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**113 l/min**
Weight	0.84 kg

g 840 — 1 019340000

1934MAV
micro die grinder



Free speed	**56,000 rpm**
Chuck capacity	3 mm
Power	**0.04 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	4.5 mm
Mean air consumption	**115 l/min**
Weight	0.2 kg

g 205 — 1 019340010

1934MAV70
high-speed micro die grinder



Free speed	**70,000 rpm**
Chuck capacity	3 mm
Power	**0.08 kW**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	4.5 mm
Mean air consumption	**115 l/min**
Weight	0.21 kg

g 210 — 1 019340030

1935F
reversible air screwdriver



Free speed	**800 rpm**
Torque range	16 Nm
Screw capacity	**6-9 M**
Bit holder	⬣ 1/4"
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	150 l/min
Weight	**1,3 kg**

kg		
1,3	1	019350045

1936/4A
angle grinder



Free speed	**11,000 rpm**
Grinding disc size	115 mm
Power	**0.66 kW**
Spindle thread	M14
Air inlet	**1/4" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	390 l/min
Weight	**1.77 kg**

kg		
1,8	1	019360024

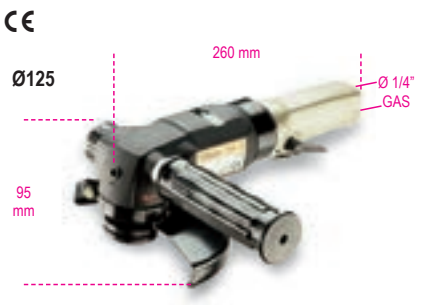
1936/5A
angle grinder



Free speed	**10,000 rpm**
Grinding disc size	125 mm
Power	**0.66 kW**
Spindle thread	M14
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Ø internal hose size	**10 mm**
Mean air consumption	390 l/min
Weight	**1,9 kg**

kg		
1,9	1	019360025

1936/5
angle grinder



Free speed	**10,500 rpm**
Grinding disc size	125 mm
Power	**0,7 kW**
Spindle thread	M14
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Ø internal hose size	**10 mm**
Mean air consumption	380 l/min
Weight	**2 kg**

kg		
2,0	1	019360005

1936/7
angle grinder



Free speed	**7,000 rpm**
Grinding disc size	178 mm
Power	**1,4 kW**
Spindle thread	M14
Air inlet	**3/8" GAS**
Working pressure	6.2 bars
Ø internal hose size	**13 mm**
Mean air consumption	500 l/min
Weight	**3,6 kg**

kg		
3,6	1	019360007

1937
Roto-orbital palm sander, lubrication free, made from composite material

- **Orbit diameter: 5 mm**



Free speed	**12,000 rpm**
Power	0.18 kW
Pad size	**150 mm**
Orbit diameter	5 mm
Spindle thread	**5/16"-24**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**170 l/min**
Weight	860 g

g		
860	1	019370001

1937R/P
6-hole pad, Ø 150 mm, for item 1937



1937R/P	1	019370002

1937/KL

orbital mini polisher

- backing pad, Ø 75 mm
- 2 polishing sponges, Ø 90 mm
- lambswool pad, Ø 90 mm

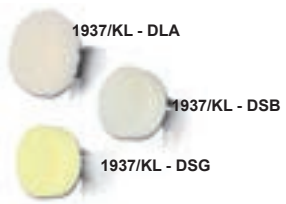


Free speed	**3,200 rpm**
Power	0.25 kW
Pad size	**75 mm**
Spindle thread	M6
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	91 l/min
Polisher weight	**0.75 kg**
Kit weight	1.8 kg

kg		
1,8	1	019370161

1937/KL-D

accessories for item 1937/KL



	D mm		
1937/KL-DLA	90	1	019370164
1937/KL-DSB	90	1	019370165
1937/KL-DSG	90	1	019370166

1937M

multi-use sander
with 16 accessories



Free speed	**3,500 rpm**
Power	0,34 kW
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	113 l/min
Sander weight	**1,5 kg**
Kit weight	4,5 kg

kg		
4,5	1	019370011

458x495x116 mm

1937M-01÷11

accessories for item 1937M



	L mm	1937M-		
1937M-01	30		1	019370101
1937M-02	30		1	019370102
1937M-03	11		1	019370103
1937M-04	23		1	019370104
1937M-05	11		1	019370105
1937M-06	23		1	019370106
* **1937M-07**	16		1	019370107
1937M-08	13	07	1	019370108
1937M-09	26	07	1	019370109
1937M-10	11	03, 05	1	019370110
1937M-11	23	01, 02, 04, 06	1	019370111

*** The prices shown are for 6 pieces**

1937N10

pneumatic belt sander



Free speed	**20,000 rpm**
Power	0,37 kW
Belt size	**10x330 mm**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**374 l/min**
Weight	0,9 kg

kg		
0,9	1	019370041

1937N10-GR

sand belts for item 1937N10



	P		
1937N10-GR60	60	1	019370146
1937N10-GR80	80	1	019370148
1937N10-GR100	100	1	019370150
1937N10-GR120	120	1	019370152

The prices shown are for 10 pieces

1937N20

pneumatic belt sander



Free speed	**16,000 rpm**
Power	0,45 kW
Belt size	**20x520 mm**
Air inlet	1/4" GAS
Working pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Mean air consumption	**400 l/min**
Weight	1,6 kg

kg		
1,6	1	019370051

1937N20-GR

sand belts for item 1937N20

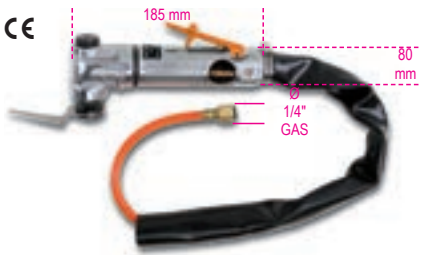


	P		
1937N20-GR60	60	1	019370156
1937N20-GR80	80	1	019370158
1937N20-GR100	100	1	019370160
1937N20-GR120	120	1	019370162

The prices shown are for 10 pieces

1938

Windscreen remover

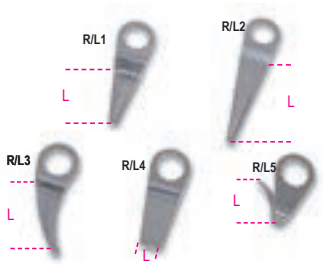


Oscillations/minute	**20,000**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	6.5 mm
Mean air consumption	**200 l/min**
Weight	1 kg

kg		
1,0	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



Strokes per minute	**3,500**
Chisel inlet	⎔ 11 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Working pressure	6,2 bars
Ø internal hose size	**8 mm**
Mean air consumption	240 l/min
Weight	**1,9 kg**

kg		
1,9	1	019400001

1940MT

spare retainer spring for item 1940



1940MT	5	019400110

1940S...

chisels for air hammers
item 1940



1940SN	5	019400020
1940ST	5	019400021
1940SD	5	019400022
1940SPS	5	019400023
1940SDT	5	019400024

1940/S5

set of 5 chisels for air hammers
item 1940



1940/S5	1	019400030

1940E10

air hammer

- **Compatible with chisels with 10-mm hexagon drive**



Strokes per minute	**2.900**
Chisel inlet	⎔ 10 mm
Piston size	**19 mm**
Piston stroke	67 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bar
Internal hose size (Ø)	**10 mm**
Mean air consumption	76 l/min
Weight	**1.7 kg**

kg		
1,7	1	019400010

1940E10/MT

spare retainer spring for item 1940E10



1940E10/MT	5	019400112

1940E10/S...

chisels for air hammers 1940E10



1940E10/SN	5	019400040
1940E10/ST	5	019400041
1940E10/SD	5	019400042
1940E10/SPS	5	019400043
1940E10/SDT	5	019400044

1940E10/S5

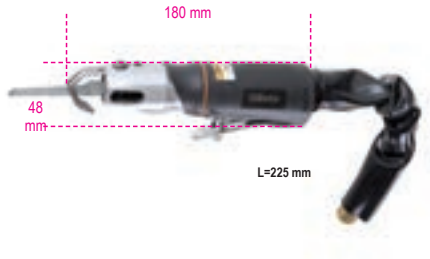
set of 5 chisels
for air hammers 1940E10



1940E10/S5	1	019400050

1942A

air saw



Strokes per minute	**10.000**
Stroke length	10 mm
Air inlet	**1/4" GAS**
Operating pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	75 l/min
Weight	**550 g**

g		
550	1	019420000

1942LR

Bimetal blades
for air saw 1942A



1942LR	5	019420032

1944
needle scaler



Strokes per minute	**3,000**
Stroke length	33 mm
N°. of needles	**19**
Needle size (Ø)	3 mm
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	140 l/min
Weight	**2,6 kg**

kg 2,6 — 1 019440001

1944AR
set of 19 needles for needle scaler item 1944



1944AR — 1 019440005

1946
air riveter

• **Supplied with interchangeable nozzles, 2.4-3.2-4.0-4.8 mm long**



Traction power	**8000 N**
Stroke length	14 mm
Maximum rivet capacity	**Ø aluminium 4,8 mm**
Working pressure	6,2 bars
Air inlet	**1/4" GAS**
Internal hose size (Ø)	6 mm
Mean air consumption	**1,2 l/cycles**
Weight	1,5 kg

kg 1,5 — 1 019460001

1946C4,8
riveter

• **Automatic suction**
• **Supplied assembled for use with 2.4 - 3.2 - 4.0 - 4.8 mm long steel, stainless steel, aluminium and copper rivets**



Traction power	**8,900 N**
Stroke length	15 mm
Maximum rivet capacity	**Stainless steel Ø 4.8 mm**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Air consumption	**2.6 l/cycle**
Weight	1.5 kg

kg 1,5 — 1 019460006

1946C7,8
riveter

• **Automatic suction**
• **Supplied assembled for use with 4.8 - 5.6 - 6.4 - 7.8 mm long steel, stainless steel, aluminium and copper rivets**



Traction power	**16,900 N**
Stroke length	22.5 mm
Maximum rivet capacity	**Stainless steel Ø 7.8 mm**
Air inlet	1/4" GAS
Operating pressure	**6.2 bar**
Internal hose size (Ø)	10 mm
Air consumption	**4.9 l/cycle**
Weight	1.8 kg

kg 1,8 — 1 019460008

1946KF
air riveter for threaded inserts

• **Supplied assembled for threaded rivets made of steel, stainless steel, aluminium and copper, M4, M5, M6, M8**



Traction power	**14,235 N**
Stroke length	7 mm
Maximum rivet capacity	**Stainless steel Ø, M8**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Internal hose size (Ø)	10 mm
Air consumption	**2.1 l/cycle**
Air riveter weight	2.1 kg
Kit weight	**3.4 kg**

kg 3,4 — 1 019460012

1946KF/M...
spare pins for item 1946KF



1946KF/M4	1 019460124
1946KF/M5	1 019460125
1946KF/M6	1 019460126
1946KF/M8	1 019460128

1947
bonding gun



Tube size	**50x210 mm**
Cartridge capacity	350 ml
Air inlet	**1/4" GAS**
Working pressure	4,8 bars
Internal hose size (Ø)	**10 mm**
Mean air consumption	120 l/min
Weight	**1,1 kg**

kg 1,1 — 1 019470001

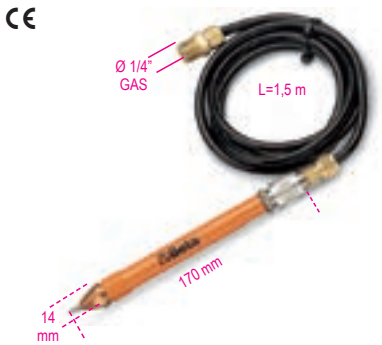
1947H
bonding gun



Tube size	**210x50 mm**
Cartridge capacity	300/310 ml
Air inlet	**1/4" GAS**
Operating pressure	4 ÷ 8 bars
Internal hose size (Ø)	**2.5 mm**
Mean air consumption	120 l/min
Weight	**750 g**

g 750 — 1 019470011

1948
engraving pen



Maximum hardness	**60 HRC**
Air inlet	1/4" GAS
Operating pressure	**6.2 bars**
Mean air consumption	50 l/min
Weight	**0.15 kg**
Peso	150 g

g 150 — 1 019480001

1948PR
spare tungsten carbide bit for item 1948
- **Maximum hardness: 60 HRC**



1948PR — 1 019480005

1949BC
progressive blow gun with rubber nozzle
- **Hard-wearing, shockproof composite material body**
- **Replaceable scratchproof rubber nozzle**



Aluminium threaded insert	**1/4" GAS**
Operating pressure	6-8 bars
Maximum operating pressure	**15 bars**
Mean air consumption	87 l/min
Operating temperature	**-20°C ÷ 70°C**
Weight	120 g

g 120 — 1 019490022

1949BC/RU
5 rubber nozzles for item 1949BC



1949BC/RU — 1 019490122

1949T
telescopic progressive blow gun
- **Hard-wearing, shockproof composite material body**
- **Telescopic steel swivel tube: 165 mm ÷ 300 mm**



Aluminium threaded insert	**1/4" GAS**
Operating pressure	6÷8 bars
Maximum operating pressure	**15 bars**
Mean air consumption	144 l/min
Operating temperature	**-20°C ÷ 70°C**
Weight	160 g

g 190 — 1 019490040

1949F
progressive blow gun
- **Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material**
- **The special valve and the lever allow the circuit to be progressively opened, thus optimizing air flow**



Brass threaded insert	**1/4" GAS**
Operating pressure	6-8 bars
Maximum operating pressure	**10 bars**
Operating temperature	-15°C ÷ 70°C
Weight	**130 g**

g 130 — 5 019490027

1949G
progressive blow gun with air regulator
- **Made from hard-wearing, shockproof, scratchproof, thermally insulated composite plastic material**
- **The special valve and the lever allow the circuit to be progressively opened, thus optimizing air flow**



Brass threaded insert	**1/4" GAS**
Operating pressure	6-8 bars
Maximum operating pressure	**10 bars**
Operating temperature	-15°C ÷ 70°C
Weight	**140 g**

g 140 — 5 019490035

1949DGT

digital tyre inflator

- Operating pressure: 0÷11 bar (2.0÷160 psi)
- 4 units of measurement: psi/bar/kgcm2/kpa
- Backlit LCD display
- Reset feature
- Self-power off after 3 min.
- Pressure release button
- Resolution: 0.05 bar
- ABS housing, protective rubber shell on gauge, shockproof, nonslip handle grip
- Power supply: 2 AAA size 1.5V batteries
- Compatible with coupling 1916G 1/4"



	bar	g		
1949DGT	0-11	500	1	019490020

1949GPE

tyre inflator

- **Operating pressure: 0÷11 bars (10÷160 psi)**
- **Pressure release feature**
- **Pressure measurement feature**
- **Gauge coated with schockproof rubber**
- **360 degree hose rotation**



	bar	g		
1949GPE	0÷11	640	1	019490008

1949GPN

tyre inflator,
ABS housing

- **CE certified pressure gauge with scale 0.7÷12 bars (graduation: 1/10 bars)**
- **Two servo-controlled buttons allow accurate, quick tyre inflating (+) and deflating (-)**
- **Supplied with a calibration certificate**
- **Fitted with a shockproof, protective shell and an eyelet**
- **Fitted with a 1/4" GAS threaded coupler**
- **Swivel air inlet for rubber hose, Ø 7 mm**



	bar	g		
1949GPN	0,7÷12	810	1	019490011

1949M

tyre pressure tester



	bar	psi	g		
1949M	0÷4	5÷60	280	1	019490400

1951

cleaning gun

- **For cleaning car upholstery, carpeting, seats and boots**



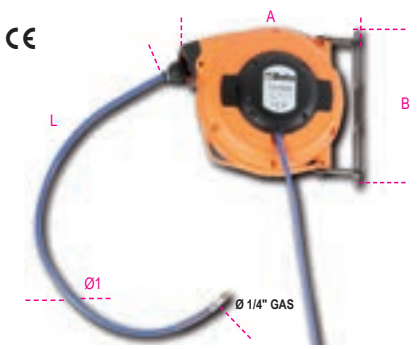
Free speed	**3,600 rpm**
Tank capacity	1000 ml
Air inlet	**1/4" GAS**
Working pressure	6.2 bars
Internal hose size (Ø)	**8 mm**
Mean air consumption	110 l/min
Weight	**650 g**

g		
650	1	019510051

1901BM/8

automatic hose reel
shock-proof plastic body
for compressed air or cold water

- **Max. operating pressure: 12 bar**



Ø1 mm	L m	A mm	B mm		
8	9+1	370	305	1	019010111

1901T/10

automatic hose reel,
shock-proof plastic body,
for compressed air or cold water

- **Max. operating pressure: 15 bars**



Ø1 mm	L m	A mm	B mm		
10	15+1	445	160	1	019010210

1910/8 - 1910/10

automatic hose reel,
aluminium body,
for compressed air or cold water

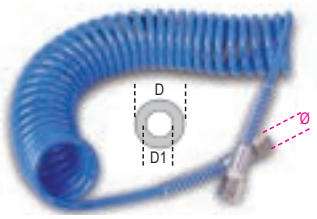
- **Max. operating pressure: 15 bar**



Ø1 mm	L m	A mm	B mm	Ø2 mm		
8	9+1	375	130	1/4" GAS		
1910/8					1	019100008
10	15+1	490	160	3/8" GAS		
1910/10					1	019100010

1914

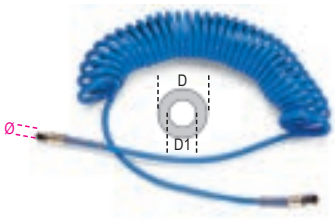
polyurethane recoil hoses, 98 Shore, extendable



L m	D1xD mm	Ø GAS BSP		
4	5x8	1/4"	1	019140054
6	5x8	1/4"	1	019140056
10	5x8	1/4"	1	019140060

1915B

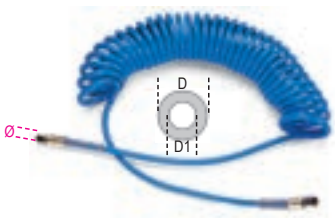
polyurethane recoil hoses, 95 Shore,
extendable up to 9 m



D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150011
8x12	1/4"	1	019150012
11x16	3/8"	1	019150013

1915C

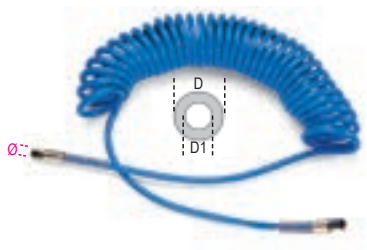
polyurethane recoil hoses, 95 Shore,
extendable up to 12 m



D1xD mm	Ø GAS BSP		
6,5x10	1/4"	1	019150014
8x12	1/4"	1	019150015
11x16	3/8"	1	019150016

1915C/L

polyurethane recoil hoses, 95 Shore,
extendable up to 15 m



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150115
11x16	3/8"	1	019150116

1915D

braided polyurethane hose,
95 Shore, 9 metres long



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150017
11x16	3/8"	1	019150018

1915E

braided polyurethane hose,
95 Shore, 12 metres long



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150019
11x16	3/8"	1	019150020

1915E/XL

braided polyurethane coils, 95 Shore,
50 m long



D1xD mm	Ø GAS BSP		
8x12	1/4"	1	019150519
11x16	3/8"	1	019150520

1916I

quick couplings Italian profile
male threaded, cylindrical (BSP)



Ø GAS BSP		
1/4"	5	019160001
3/8"	5	019160002

1916G

quick couplings European profile
male threaded, tapered (BSPT)



Ø GAS BSPT		
1/4"	5	019160005
3/8"	5	019160010
1/2"	5	019160012

1917M

universal ball quick couplers,
shockproof rubber,
male threaded, cylindrical (BSP)

• **Designed for couplings 1916I and 1916G**



Ø GAS BSP		
1/4"	5	019170001
3/8"	5	019170003
1/2"	5	019170004

1917F

universal ball quick couplers,
shockproof rubber,
female threaded, cylindrical (BSP)

• **Designed for couplings 1916I and 1916G**



Ø GAS BSP		
1/4"	5	019170005
3/8"	5	019170010

1917RS

rotary universal coupler

• **Made of orange anodized aluminium**
female threaded, GAS cylindrical (BSP)
male threaded, GAS conical (BSPT)
• **Matches all joints with Italian and European profiles**



Ø GAS BSP	Ø GAS BSPT	g		
1/4"	1/4"	57	1	019170250

1919FE1/4

filter-regulator-lubricator



Air in/outlet	**1/4" GAS BSPT**
Pressure gauge inlet	1/8" GAS BSPT
Maximum air capacity	**750 l/min**
Maximum pressure	9.5 bars
Operating pressure	**0.5 - 8.5 bars**
Operating temperature	5 - 60 °C
Filter capacity	**5 microns**
Cup capacity	15 cc air / 25 cc oil
Weight	**700 g**

g		
700	1	019190200

1919RB-FE1/4

set of spare cups for item 1919FE1/4



1919RB-FE1/4	1	019190210

1919RF-FE1/4

spare filter for item 1919FE1/4



1919RF-FE1/4	1	019190230

1919RM-FE1/4

spare pressure gauge
for item 1919FE1/4



1919RM-FE1/4	1	019190220

1919F1/4

filter-regulator-lubricator



Air in/outlet	**1/4" GAS BSPT**
Maximum air capacity	1000 l/min
Maximum pressure	**9.5 bars**
Operating pressure	0.5 - 8.5 bars
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg			
1,3	1	019190250	



1919F3/8

filter-regulator-lubricator



Air in/outlet	**3/8" GAS BSPT**
Maximum air capacity	1350 l/min
Maximum pressure	**9.5 bars**
Operating pressure	0.5 - 8.5 bars
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg			
1,3	1	019190350	

1919F1/2

filter-regulator-lubricator



Air in/outlet	**1/2" GAS BSPT**
Maximum air capacity	2500 l/min
Maximum pressure	**9.5 bars**
Operating pressure	0.5 - 8.5 bars
Operating temperature	**5 - 60 °C**
Filter capacity	5 microns
Cup capacity	**60 cc air / 90 cc oil**
Weight	1.3 kg

kg			
1,3	1	019190450	

1919RB-F

set of spare cups for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RB-F	1	019190510

1919RF-F

spare filter for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RF-F	1	019190530

1919RM-F

spare pressure gauge for filters
item 1919F - 1/4", 3/8" and 1/2"



1919RM-F	1	019190520

1919ML

mini lubricators



Ø		
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/m³**
Viscosity 40°C	32 cSt
Flammability COC	**210°C**



cc			
500	5	019190050	

CONTAINERS AND ASSORTMENTS



2001/B26

fabric wallet with assortment of 26 tools



2001/B26	1	020010050

55	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm
96N/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
1044F	250 mm
1128BMX	145 mm
1150	180 mm
1201	3x75 - 4x100 - 5,5x150 mm
1202	PH1x80 - PH2x100 mm
1370	300 g
1692	2 m
1770A	9 mm

2001/BV26	1	020010051

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



mm		
530x190x210	1	020090200

2009ID

bag with assortment of tools
for plumbing maintenance



2009ID (2009N/BV+5980ID)	1	020090012

2029/VV

tool case, made of thick polypropylene, aluminium edged

2 interior tool panels



mm		
490x380x230	1	020290000

2029E

tool cases with assortments of tools
for electronic and electrotechnical
maintenance



2029BG-MQ (2029/VV+5980/MQ)	1	020290256
2029ET/B (2029/VV+5980ET/B)	1	020290221
2029EL/B (2029/VV+5980EL/B)	1	020290217

2029/RT

universal shoulder strap for bags and cases



2029/RT	1	020290900

2032/VV

wall tool case, made from plastic



mm		
450x390x170	1	020320010

2032E

tool cases with assortments of tools
for electronic and electrotechnical
maintenance



2032ET/A (2032/VV+5980ET/A)	1	020320118
2032EL/A (2032/VV+5980EL/A)	1	020320114

2032/TV

tool trolley, made from plastic

2 tool panels
Tool pocket
Interior bottom with removable partitions



mm		
430x370x200	1	020320110

2032/TE

tool trolley with assortments of tools for electronic and electrotechnical maintenance



2032TET/A (2032/TV+5980ET/A)	1	020320228
2032TEL/A (2032/TV+5980EL/A)	1	020320214

2033 P/VV

wall tool case, made from aluminium, with ABS sides

2 tool panels
Interior bottom with removable partitions



mm		
500x380x200	1	020330300

2033P

tool cases with assortments of tools for electronic and electrotechnical maintenance



2033P ET/B (2033P/VV+5980ET/B)	1	020330127
2033P EL/A (2033P/VV+5980EL/A)	1	020330114
2033P EL/B (2033P/VV+5980EL/B)	1	020330115

2036/TV

tool trolley, made of thick polypropylene, aluminium edged

2 tool panels
Telescopic handle
Ball bearing castors



mm		
490x380x260	1	020360000

2036E

trolley with assortments of tools for electronic and electrotechnical maintenance



2036ET/B (2036/TV+5980ET/B)	1	020360123
2036 EL/B (2036/TV+5980EL/B)	1	020360118



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	○1,5÷10 mm
111	200 mm
920A	◎ 10 - 12 - 13 - 14 - 17 - 19 mm
920AS	◎ 7/16 - 1/2 - 9/16 - 11/16 - 7/8"
920/22	255 mm - □1/2 - ■1/2
920/25	□1/2 - ■1/2
920/42	■1/2
920/55	■1/2
956C	□1/2 - 16 - 20,8 mm
1048	250 mm
1084BM	160 mm
1128BMX	145 mm
1150BM	180 mm
1166BM	160 mm
1201	◖3x75 - 4x100 - 5,5x150 - 6,5x150 mm
1202	✪PH1x80 - PH2x100 mm
1390	Ø 35 mm
1490/2	ø max 240 mm
1737	145 mm
1778X	
1995 WD40	400 ml
1639NS-N	25m

585x393x92 mm - 9 kg

2055HB

"Home Bag" case with assortment of 24 tools



2055HB		1	020550210

55	6x7 - 8x9 - 10x11 - 12x13 mm
96N/SC9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm
1128BMX	145 mm
1150	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

hard cavity wall tool case

Floating, waterproof/watertight
Made from thick resin
With manual pressure release valve



mm			
490x410x210		1	020600101

2080/V6

organizer tool case with 6 removable tote-trays and adjustable partitions



mm			
2080/V6	385x320x60	1	020800060

2080/V6-U

removable tote-tray for organizer tool case 2080/V6



2080/V6-U		1	020800066

90x60x50 mm

2080/V12

organizer tool case with 12 removable tote-trays



mm			
2080 /V12	300x145x330	1	020800000

2080/V12-...

removable tote-tray for organizer tool case 2080/V12



2080/V12-S		3	020800013
	143x74x69 mm		
2080/V12-M		2	020800015
	95x65x65 mm		
2080/V12-L		1	020800020
	295x73x67 mm		

C4 - 2104

tool basket made of technical fabric

Removable internal tool panel
Internal and external pockets and elastic tool holder
Sturdy waterproof base with rubber feet
Supplied with shoulder strap







C4		1	021040000
2104 VU/0		1	021040121
(C4+5915VU/0)			

360x330x260x mm - 2,5 kg

C5 - 2105

tool rucksack, made of technical fabric



C5		1	021050000
2105 VU/0		1	021050121
(C5+5915VU/0)			

500x400x180 mm - 2,5 Kg

C6T - 2106

tool rucksack, made of technical fabric, with castors



C6T	1	021060010
2106T VU/0 (C6T+5915VU/0)	1	021060121

480x370x220 mm - 4,5 kg

C7 - 2107

technical fabric tool bag

2 removable interior tool panels
Interior PC pocket
2 exterior front pockets
Interior bottom made of plastic, with removable partitions





C7	1	021070000
2107 VU/2 (C7+5915VU/2)	1	021070102
2107 VU/3 (C7+5915VU/3)	1	021070104



C8 - 2108

technical fabric tool trolley



C8	1	021080000
2108VU/1 (C8+5915VU/1)	1	021080021

470x370x280 mm - 4 kg

C9 - 2109

technical fabric tool bag

- **Hard base**
- **Interior and exterior tool pockets**
- **Exterior pocket with zip closure for enhanced safety**
- **Pocket with strap closure for personal belongings**
- **Double bottom**
- **Double string for levels**
- **Shoulder strap for easier transport**



C9	1	021090000
2109VU/1 (C9+5915VU/1)	1	021090021
2109VU/3 (C9+5915VU/3)	1	021090124

C9/RT

shoulder strap for items C4,C7,C9,C10,C10S,C11 and C12



C9/RT	1	021090900

C10 - 2110

technical fabric tool box

Hard frame
Double bottom. Bottom can be removed for increased bag capacity
Tilting handle for easier access to tools
Elastic tool bands and interior and exterior pockets
Cover
Tool tray included in double bottom



C10	1	021100000
2110VU/1 (C10+5915VU/1)	1	021100021
2110VU/3 (C10+5915VU/3)	1	021100024
2110VU/AS (C10+5915VU/AS)	1	021100026

C10S - 2110S

technical fabric tool box

Hard frame
Double bottom. Bottom can be removed for increased bag capacity
Tilting handle for easier access to tools
Elastic tool bands and interior and exterior pockets
Cover
Tool tray included in double bottom



C10S	1	021100001
2110SVU/1 (C10S+5915VU/1)	1	021100101
2110SVU/3 (C10S+5915VU/3)	1	021100104

C11 - 2111

technical fabric tool box



C11	1	021110000
2111VU/1 (C11+5915VU/1)	1	021110101
2111VU/3 (C11+5915VU/3)	1	021110104

C12 - 2112

technical fabric tool bag

Removable interior tool panel
Elastic tool bands and capacious interior and exterior pockets
Bag opens at front for easier access to tools at workplace
Hard, waterproof base with rubber feet
Can be used with trolley C8



C12	1	021120000
2112ET/A (C12+5980ET/A)	1	021120128
2112ET/B (C12+5980ET/B)	1	021120129
2112VU/5 (C12+5915VU/5)	1	021120156

C13

tool trunk with castors,
made of sturdy polypropylene



C13	1	021130000

870x410x350 mm - 7,2 kg

CP15 - 2115

tool box, made from plastic, removable tote-tray and tool trays

- **1 tool tray built into cover**
- **2 removable tool trays with adjustable partitions**
- **1 interior tote-tray with adjustable partitions**



CP15	1	021150201
2115P VU/1 (CP15+5915VU/1)	1	021150231
2115P VU/2 (CP15+5915VU/2)	1	021150233

445x240x250 mm - 2 kg

CP15L - 2115

tool box, long series, made from plastic, removable tote-tray and tool trays

- **3 tool trays built into cover with adjustable partitions**
- **1 interior tote-tray with adjustable partitions**



CP15L	1	021150202
2115P L-VU/1 (CP15L+5915VU/1)	1	021150241
2115P L-VU/3 (CP15L+5915VU/3)	1	021150244

2115P L-MQ32

assortment of 32 insulated tools for hybrid cars, in plastic tool box with soft thermoformed tray



2115P L-MQ32	1	021150332

920MQ/55A	
89MQ	10-12 mm
850MQ	1/4"
860TX/A10	T7-T8-T9-T10-T15-T20-T25-T27-T30-T40
920MQ/A	8-10-12-13-14-17-19 mm
920MQ/21	125mm
920MQ/22	250mm
1048MQ250	250mm
1150MQ	180mm
1164MQ160	160mm
1272MQ	4.5X80-6X100mm
1274MQ	3X100-4X100-5.5X125
1995MQ/G2	G2
CP15L	

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	021160104

CP17 - CP17L - 2117

tool box,
made of stainless steel and plastic,
removable tote-tray



CP17
500x200x220 mm



CP17L
575x245x265 mm

CP17	1	021170500
2117PVU/1 (CP17+5915VU/1)	1	021170041
2117PVU/3 (CP17+5915VU/3)	1	021170044
CP17L	1	021170502
2117PLVU/1 (CP17L+5915VU/1)	1	021170141
2117PLVU/3 (CP17L+5915VU/3)	1	021170144

C18 - 2118

tool box
made from sheet metal



C18	1	021180001
2118VU/1 (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

C19	1	021190001
C19L	1	021190002
2119VU/3 (C19+5915VU/3)	1	021190024
2119L-VU/3 (C19L+5915VU/3)	1	021190124

C20 - C20L - 2120

five-section cantilever tool box,
made from sheet metal



C20
450x200x210 mm



C20L
550x200x210 mm

C20	1	021200001
2120VU/2 (C20+5915VU/2)	1	021200016
2120VU/3 (C20+5915VU/3)	1	021200028
2120VU/4 (C20+5915VU/4)	1	021200018
2120-VU/AS (C20+5915VU/AS)	1	021200021
C20L	1	021200002
2120LVU/2 (C20L+5915VU/2)	1	021200116
2120L-VU/3 (C20L+5915VU/3)	1	021200128
2120LVU/4 (C20L+5915VU/4)	1	021200118
2120L-VU/AS (C20L+5915VU/AS)	1	021200121

C22B

tool trunk,
made of sheet metal



C22B O
720x320x310 mm



C22BM O
850x360x350 mm



C22BL O
1010x410x400 mm

C22B O	1	022000150
C22BM O	1	022000160
C22BL O	1	022000170

C22B O: 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

C22W O	1	022000269
C22WL O	1	022000299

C22W O: 15 kg
C22WL O: 28 kg

C22P

tool trunk for building yards, made of sheet metal

built-in, retractable handles
raised shoes for forklift truck handling
double burglar-proof lock closure (not included)



C22PM O
915x540x430 mm



C22PL O
1220x720x615 mm

C22PM O	1	022000240
C22PL O	1	022000245

C22PM O: 39 kg
C22PL O: 67 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



C22S O



C22S G

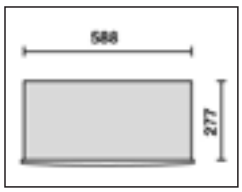


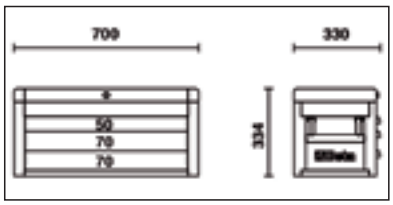
C22S R

C22S O		1	022000501	
2200S-O/VUM	(C22S-O+5927VU/M)	1	022000221	**314**
2200S-O/VI	(C22S-O+5902VI)	1	022000461	**294**
2200S-O/MT	(C22S-O+5902MT)	1	022000431	**325**
2200S-O/MTAS	(C22S-O+5902MT/AS)	1	022000441	**326**
C22S G		1	022000502	
2200S-G/VUM	(C22S-G+5927VU/M)	1	022000222	**314**
2200S-G/VI	(C22S-G+5902VI)	1	022000462	**294**
2200S-G/MT	(C22S-G+5902MT)	1	022000432	**325**
2200S-G/MTAS	(C22S-G+5902MT/AS)	1	022000442	**326**
C22S R		1	022000503	
2200S-R/VUM	(C22S-R+5927VU/M)	1	022000223	**314**
2200S-R/VI	(C22S-R+5902VI)	1	022000463	**294**
2200S-R/MT	(C22S-R+5902MT)	1	022000433	**325**
2200S-R/MTAS	(C22S-R+5902MT/AS)	1	022000443	**326**

h	max
50 mm	25 kg
70 mm	25 kg







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



C23S O



C23S G

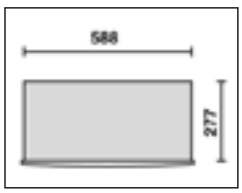


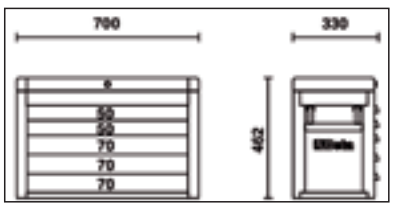
C23S R

C23S O	1	023000501
C23S G	1	023000502
C23S R	1	023000503

h	max
50 mm	25 kg
70 mm	25 kg







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



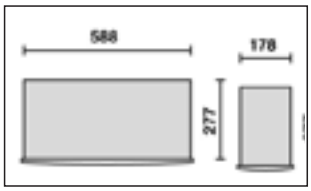
C23SC O

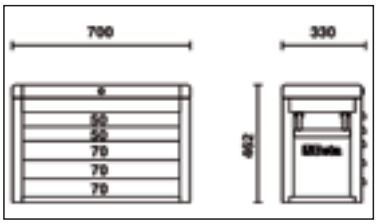

C23SC G


C23SC R

h	max
50 mm	25 kg







C23SC O	1	023000511	
C23SC G	1	023000512	
C23SC R	1	023000513	

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.
- Can be fitted with kit composed of 4 castors and 1 handle (2300ST/KIT)

36 kg



C23ST O


C23ST R

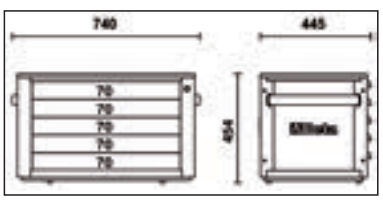

C23ST G

h	max
70 mm	25 kg









C23ST O		1	023000521	
2300ST-O/VG1M	(C23ST O+5904VG/1M)	1	023000685	**327**
C23ST G		1	023000522	
2300ST-G/VG1M	(C23ST G+5904VG/1M)	1	023000686	**327**
C23ST R		1	023000523	
2300ST-R/VG1M	(C23ST R+5904VG/1M)	1	023000687	**327**

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	

C04 TSS-7

mobile roller cab with seven drawers, made entirely of stainless steel

Main features:
• Seven drawers (570 x 410 mm) with ball bearing slides;
6 drawers, 83 mm high;
1 drawer, 170 mm high;
• 4 castors Ø 125 mm
2 fixed and 2 steering (two with brakes);
• Front centralized lock;
• Frame made entirely of stainless steel
• Castors, supports, ball bearings, drawer interiors
and guides made of stainless steel
• Drawer handles made of aluminium

63 kg



h	max
83 mm	25 kg
170 mm	30 kg

C04 TSS/7	1	024003077	207

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, 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.
• 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



C24S O/5


C24S G/5


C24S R/5

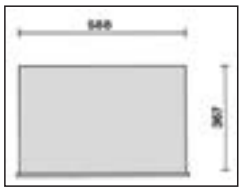
h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

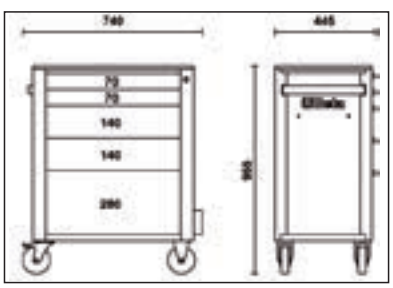




C24S O/5		1	024002051	
2400S5-O/VI1T	(C24S5/O+5904VI/1T)	1	024002504	**295**
2400S5-O/VG2T	(C24S5/O+5904VG/2T)	1	024002514	**329**
2400S5-O/VU1M	(C24S5/ O+5904VU/1M)	1	024002517	**304**
C24S G/5		1	024002052	
2400S5-G/VI1T	(C24S5/G+5904VI/1T)	1	024002505	**295**
2400S5-G/VG2T	(C24S5/G+5904VG/2T)	1	024002515	**329**
2400S5-G/VU1M	(C24S5/G+5904VU/1M)	1	024002518	**304**
C24S R/5		1	024002053	
2400S5-R/VI1T	(C24S5/R+5904VI/1T)	1	024002506	**295**
2400S5-R/VG2T	(C24S5/R+5904VG/2T)	1	024002516	**329**
2400S5-R/VU1M	(C24S5/R+5904VU/1M)	1	024002519	**304**







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, 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.
• 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

h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg

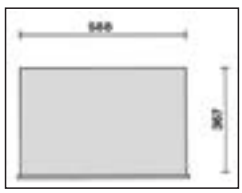


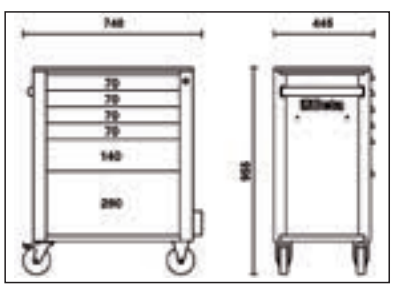




C24S O/6		1	024002061	
2400S6-O/VI1T	(C24S6/O+5904VI/1T)	1	024002614	**295**
2400S6-O/VG2T	(C24S6/O+5904VG/2T)	1	024002624	**329**
C24S G/6		1	024002062	
2400S6-G/VI1T	(C24S6/G+5904VI/1T)	1	024002615	**295**
2400S6-G/VG2T	(C24S6/G+5904VG/2T)	1	024002625	**329**
C24S R/6		1	024002063	
2400S6-R/VI1T	(C24S6/R+5904VI/1T)	1	024002616	**295**
2400S6-R/VG2T	(C24S6/R+5904VG/2T)	1	024002626	**329**







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

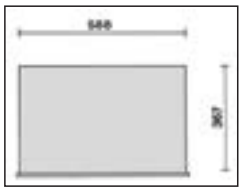
h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg

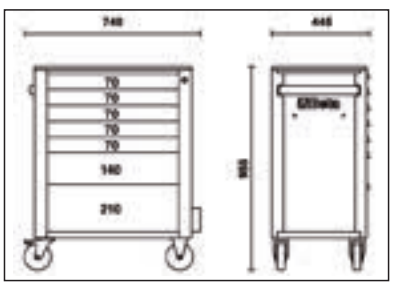




C24S O/7		1	024002071	
2400S7-O/VG3	(C24S7/O+5904VG/3)	1	024002734	**330**
2400S7-O/VG2M	(C24S7/O+5904VG/2M)	1	024002774	**328**
2400S7-O/VU2M	(C24S7/O+5904VU/2M)	1	024002744	**305**
2400S7-O/VU3T	(C24S7/O+5904VU/3T)	1	024002747	**306**
2400S7-O/VI2T	(C24S7/O+5904VI/2T)	1	024002434	**296**
C24S G/7		1	024002072	
2400S7-G/VG3	(C24S7/G+5904VG/3)	1	024002735	**330**
2400S7-G/VG2M	(C24S7/G+5904VG/2M)	1	024002775	**328**
2400S7-G/VU2M	(C24S7/G+5904VU/2M)	1	024002745	**305**
2400S7-G/VU3T	(C24S7/G+5904VU/3T)	1	024002748	**306**
2400S7-G/VI2T	(C24S7/G+5904VI/2T)	1	024002435	**296**
C24S R/7		1	024002073	
2400S7-R/VG3	(C24S7/R+5904VG/3)	1	024002736	**330**
2400S7-R/VG2M	(C24S7/R+5904VG/2M)	1	024002776	**328**
2400S7-R/VU2M	(C24S7/R+5904VU/2M)	1	024002746	**305**
2400S7-R/VU3T	(C24S7/R+5904VU/3T)	1	024002749	**306**
2400S7-R/VI2T	(C24S7/R+5904VI/2T)	1	024002436	**296**







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


C24S G/8


C24S R/8

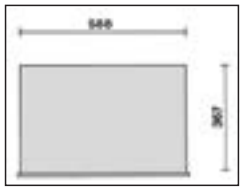
h	max
70 mm	25 kg
140 mm	30 kg

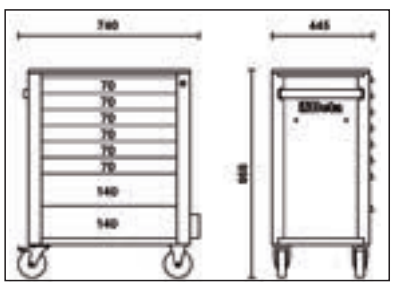




C24S O/8		1	024002081	
2400 S8-O/VI3T	(C24S8/O+5904VI/3T)	1	024002861	297
2400S8-O/VG5T	(C24S8/O+5904VG/5T)	1	024002824	331
C24S G/8		1	024002082	
2400 S8-G/VI3T	(C24S8/G+5904VI/3T)	1	024002862	297
2400S8-G/VG5T	(C24S8/G+5904VG/5T)	1	024002825	331
C24S R/8		1	024002083	
2400S8-R/VG5T	(C24S8/R+5904VG/5T)	1	024002826	331
2400 S8-R/VI3T	(C24S8/R+5904VI/3T)	1	024002863	297







C24SA/6 - 2400SA6

mobile roller cab with six drawers,
with anti-tilt system

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 Ø 125 mm:
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



C24SA-O/6


C24SA-G/6

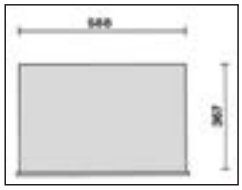

C24SA-R/6

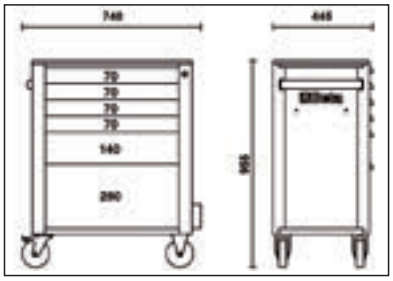
h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg











C24SA-O/6	1	024002161
C24SA-G/6	1	024002162
C24SA-R/6	1	024002163

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

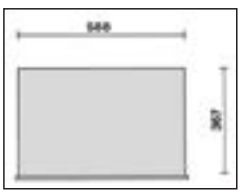

C24SA-R/7

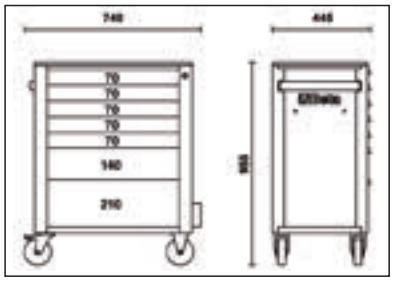
h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg











C24SA-O/7		1	024002171	
2400SA7-O/VG3	(C24SA7/O+5904VG/3)	1	024002737	**330**
C24SA-G/7		1	024002172	
2400SA7-G/VG3	(C24SA7/G+5904VG/3)	1	024002738	**330**
C24SA-R/7		1	024002173	
2400SA7-R/VG3	(C24SA7/R+5904VG/3)	1	024002739	**330**

C24SA/8 - 2400SA8

mobile roller cab with eight drawers,
with anti-tilt system

Main features:
• 8 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 Ø 125 mm:
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



C24SA-O/8



C24SA-G/8



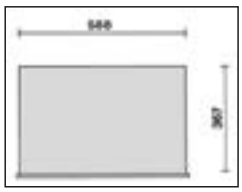
C24SA-R/8

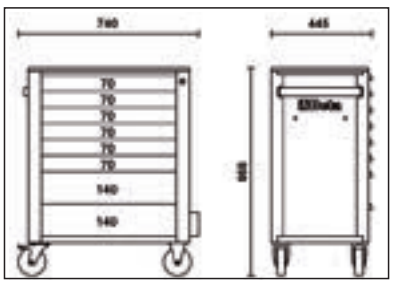
h	max
70 mm	25 kg
140 mm	30 kg











C24SA-O/8	1	024002181
C24SA-G/8	1	024002182
C24SA-R/8	1	024002183

C24SA-XL/7 - 2400SAXL7

mobile roller cab with 7 drawers,
with anti-tilt system,
long model

Main features:
• 7 drawers (882x367) mm, with ball bearing slides:
5 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 210 mm high
• Sturdy ABS worktop,
with 6 tool trays.
• Sturdy nylon front,
with integrated label holder.
• 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: 1,000 kg.
• Integrated side bottle holder.

84 kg



C24SA-XL 7/O


C24SA-XL 7/G


C24SA-XL 7/R

h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg

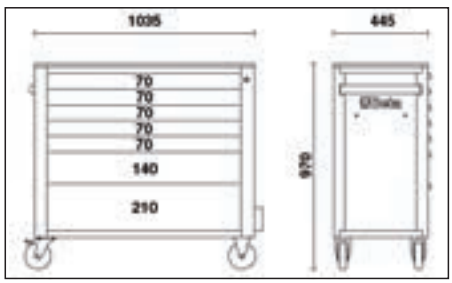




C24SA-XL 7/O	1	024002271	
2400SAXL7-O/VI3T (C24SA-XL/7 O+5904VI/3T)	1	024002464	**297**
C24SA-XL 7/G	1	024002272	
2400SAXL7-G/VI3T (C24SA-XL/7 G+5904VI/3T)	1	024002465	**297**
C24SA-XL 7/R	1	024002273	
2400SAXL7-R/VI3T (C24SA-XL/7 R+5904VI/3T)	1	024002466	**297**







C24SA-XL/8 - 2400SAXL8

mobile roller cab with eight drawers,
with anti-tilt system,
long model

Main features:
• 8 drawers (882x367 mm), with ball bearing slides:
6 drawers, 70 mm high
2 drawers, 140 mm high.
• Sturdy ABS worktop, with 6 tool trays.
• Sturdy nylon front, with integrated label holder.
• Drawer bases protected by foamed rubber mats.
• Four castors Ø 125 mm:
2 fixed and 2 steering (one with brake).
• Front centralized safety lock.
• Static load capacity: 1,000 kg.
• Integrated side bottle holder.
• Paper roll holder item 2400S-R/PC can also be included.

88 kg



C24SA-XL 8/O



C24SA-XL 8/G



C24SA-XL 8/R

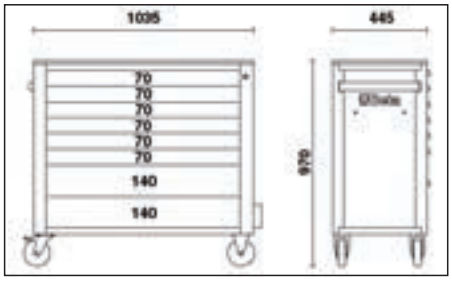
h	max
70 mm	30 kg
140 mm	35 kg











C24SA-XL 8/O	1	024002281
C24SA-XL 8/G	1	024002282
C24SA-XL 8/R	1	024002283

2400S-R/PC

paper roll holder

• Matches roller cabs C24S

0,3 kg





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





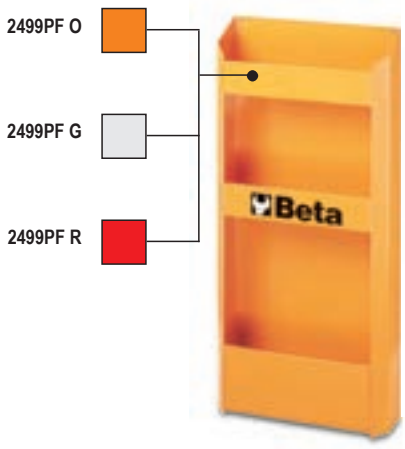
2400S/PF	1	024002906

2499PF

bottle holder

• Can match roller cabs C38, C38A

2,5 kg





2499PF O	1	024990210
2499PF G	1	024990219
2499PF R	1	024990230

2499PF/M

universal magnetic bottle holder

2,2 kg



2499PF/M	1	024990050

2499PC

paper roll holder

- Matches all Tank and roller cabs and C38, C38A.

2,2 kg





2499PC	1	024990090

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: 1.100 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.

80 kg



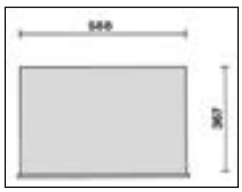


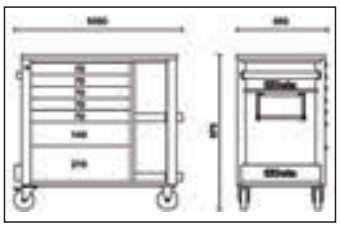




h	max
70 mm	25 kg
140 mm	30 kg
210 mm	30 kg







C24SL O		1	024002101	
2400SL-O/VI2T	(C24SL/7 O+5904VI/2T)	1	024002431	**296**
C24SL G		1	024002102	
2400SL-G/VI2T	(C24SL/7 G+5904VI/2T)	1	024002432	**296**
C24SL R		1	024002103	
2400SL-R/VI2T	(C24SL/7 R+5904VI/2T)	1	024002433	**296**

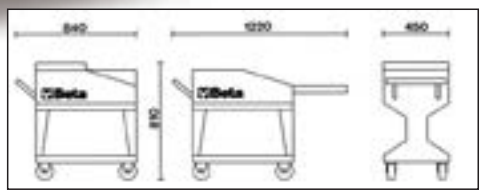
C25 - 2500

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 (024990104).
• Paper roll holder item 2499PC
can also be included

31,5 kg





C25		1	025000001	
2500/VI	(C25+5902VI)	1	025000087	**294**
2500/VG1	(C25+5905VG/1)	1	025000092	**332**
2500/VG2	(C25+5905VG/2)	1	025000084	**333**

C27S

folding tool trolley for outdoor jobs

Folding tool trolley, with folding columns for effortless transport.
2 drawers, 588x277 mm, with ball bearing slides for two-way opening.
Large lower object compartment, 588x277x220 mm.
Sheet metal frame.
2 fixed castors, Ø 160 mm, and 2 steering castors with brake, Ø 100 mm
Thermoplastic worktop with 6 built-in tool trays.
Centralized lock.
Can accommodate drawer partitions and MC foam tool trays

20 kg





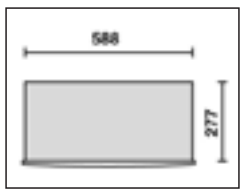


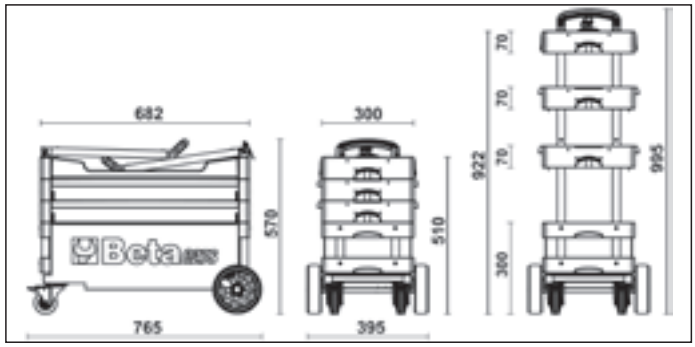
h	max
70 mm	20 kg











C27S-O		1	027000201	
2700 S-O/VUM	(C27S O+5927VU/M)	1	027000221	**314**
C27S-G		1	027000202	
2700S-G/VUM	(C27S G+5927VU/M)	1	027000222	**314**
C27S-R		1	027000203	
2700S-R/VUM	(C27S R+5927VU/M)	1	027000223	**314**

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

130 kg







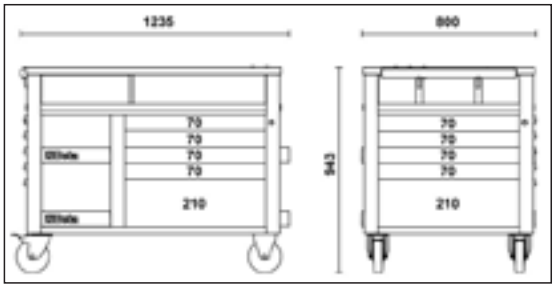




C28 O		1	028000301	
2800 O/VI2T	(C28 O+5908VI/2T)	1	028000324	**298**
2800 O/VG2T	(C28 O+5908VG/2T)	1	028000347	**334**
C28 G		1	028000302	
2800 G/VI2T	(C28 G+5908VI/2T)	1	028000325	**298**
2800 G/VG2T	(C28 G+5908VG/2T)	1	028000348	**334**
C28 R		1	028000303	
2800 R/VI2T	(C28 R+5908VI/2T)	1	028000326	**298**
2800 R/VG2T	(C28 R+5908VG/2T)	1	028000349	**334**

h	max
70 mm	25 kg
210 mm	30 kg





C30S - 3000S

MaxiTank mobile workbench

Main features:
• 5 front drawers with ball bearing slides:
3 drawers (367x588 mm), 90 mm high
1 drawer (610x588 mm), 90 mm high
1 drawer (610x588 mm), 180 mm high.
• Quick opening system with aluminium front.
• Drawer bases protected by foamed rubber mats.
• Can accommodate thermoformed trays.
• One hydraulic jack, designed to lift front part easily.
• Four high-capacity castors:
2 steering, front, Ø 150 mm
2 fixed, rear, Ø 170 mm.
• Oil-proof, rubber-coated worktop,
1300x800 mm, with drain hole
for fluid collection in a small tank.
• Can accommodate vice item 1599F/150
(to be ordered separately).
• Storage compartment, 720x250x1300 mm,
with PVC-coated worktop,
and front sliding panels.
• Centralized lock for drawers and panels.
• Integrated side bottle holders.
• Integrated paper roll holder.
• Static load capacity: 1,800 kg.
• Can accommodate a multi-ply wood worktop (3000 S/PLM), to be ordered separately.
• Can accommodate vice item 1599F/150 (to be ordered separately).













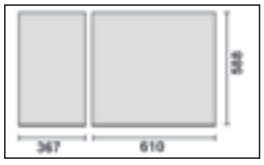


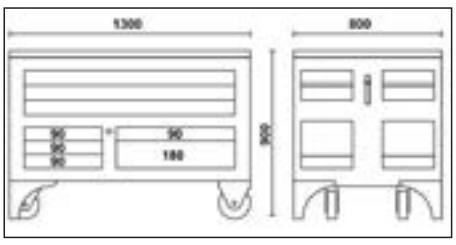
200 kg

C30S		1	030000100	
3000S/VI3T	(C30S+5910VI/3T)	1	030000093	**300**
3000S/VG3T	(C30S+5910VG/3T)	1	030000097	**335**
3000 /VI3	(C30S+5910VI3)	1	030000099	**299**



h	max
90 mm	30 kg
180 mm	35 kg





3000S/PLM

wood worktop for item C30S



1240x740x26 mm

10 kg

3000 S/PLM	1	030000150	

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, Ø 125 mm, 2 fixed and 6 steering (2 with brakes)

250 kg

2000 kg



C31 O





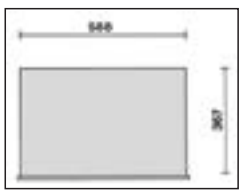
C31 R



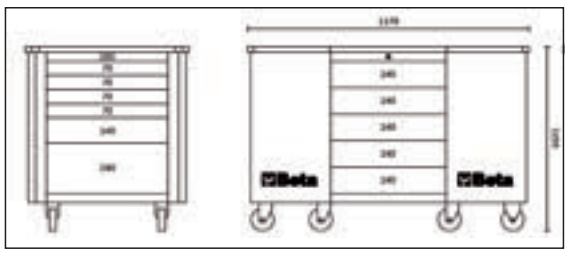
C31 G

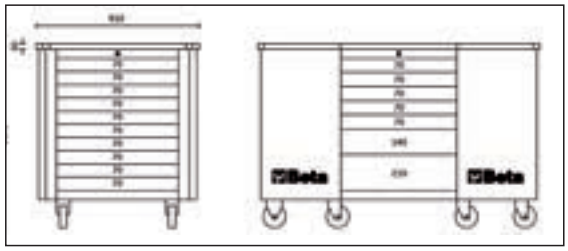
h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg











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





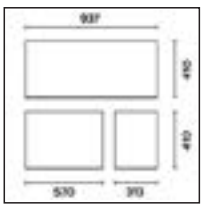
C38 G

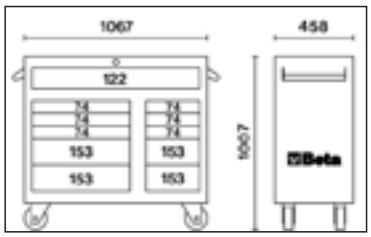


C38 R

h	max
74 mm	25 kg
153 mm	30 kg







C38 O		1	038000001	
3800 O/U2T	(C38 O+5938U/2T)	1	038000068	**315**
C38 G		1	038000003	
3800 G/U2T	(C38 G+5938U/2T)	1	038000069	**315**
C38 R		1	038000002	
3800 R/U2T	(C38 R+5938U/2T)	1	038000070	**315**

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





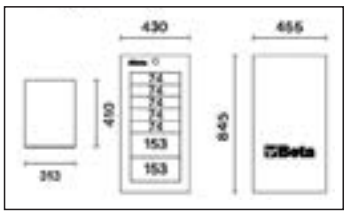
C38L G



C38L R

h	max
74 mm	25 kg
153 mm	30 kg

C38L O





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



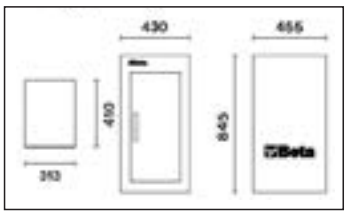


C38LA G



C38LA R

C38L A O



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 G

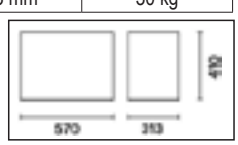


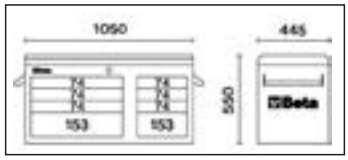
C38T R

C38T O

h	max
74 mm	25 kg
153 mm	30 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

268 kg



C38C O



h	max
74 mm	25 kg
153 mm	30 kg

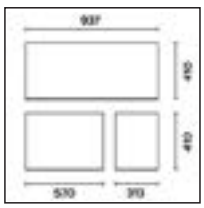


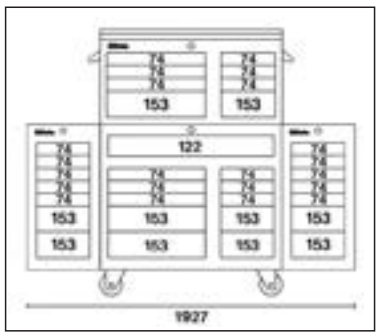
C38C G



C38C R







C38C O	1	038000201
C38C G	1	038000203
C38C R	1	038000202

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.

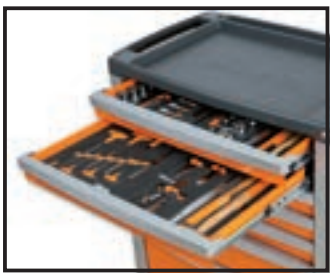
59 kg







h	max
70 mm	30 kg
140 mm	35 kg
280 mm	40 kg

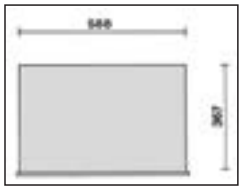


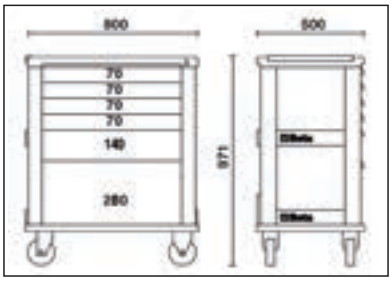












C39 O/6	1	039000031
C39 G/6	1	039000032
C39 R/6	1	039000033

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.

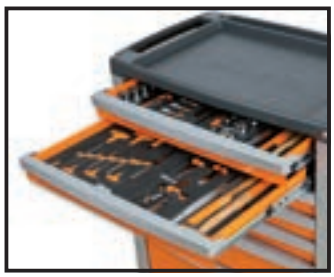
61 kg







h	max
70 mm	30 kg
140 mm	35 kg
210 mm	35 kg

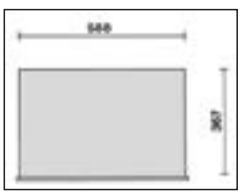


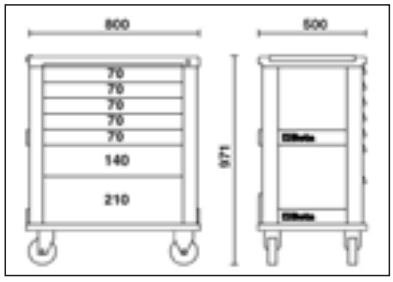












C39 O/7		1	039000001	
3900 O-7/VU2M	(C39 O/7+5904VU/2M)	1	039000154	**305**
C39 G/7		1	039000002	
3900 G-7/VU2M	(C39 G/7+5904VU/2M)	1	039000155	**305**
C39 R/7		1	039000003	
3900 R-7/VU2M	(C39 R/7+5904VU/2M)	1	039000156	**305**

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.

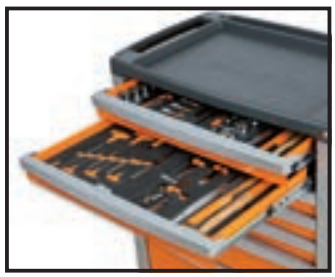
64 kg







h	max
70 mm	30 kg

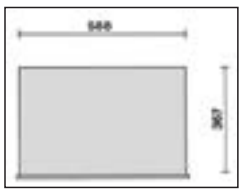


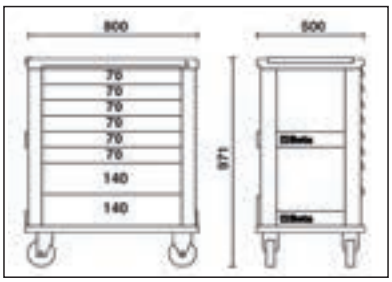












C39 O/8	1	039000041
C39 G/8	1	039000042
C39 R/8	1	039000043

C39T

portable tool chest
with four drawers

Main features:
- Four drawers (588x367 mm) with ball bearing slides: 4 drawers, 70 mm high
- Front centralized safety lock.
- Uprights and drawer front made of aluminium.

29 kg



C39T O



C39T G

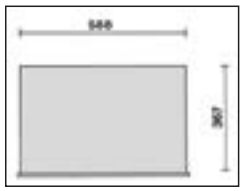


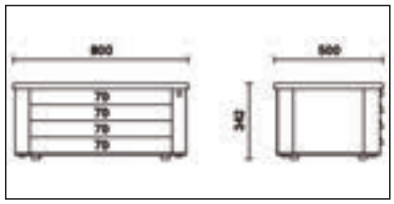
C39T R

h	max
70 mm	30 kg









C39T O	1	039000101
C39T G	1	039000102
C39T R	1	039000103

C39SM

special mobile roller cab, Racing SM type

Specifications
• Multi-ply wood worktop
• 4 castors, Ø 125 mm
2 fixed and 2 steering (one with brake), with exposed covering
• Static load capacity: 1200 kg

7-drawer module
588x367 mm, with ball bearing slides:
6 drawers, 70 mm high
1 drawer, 240 mm high
• Drawer bases protected by foamed rubber mats
• Front centralized safety lock
• Opening system throughout length of drawer
• Drawer front made of aluminium

Service module
• Integrated wastepaper basket
• Paper roll compartment
• 1 large drawer (420x305x270 mm)

125 kg

1200 kg



C39SM O



C39SM R



C39SM G



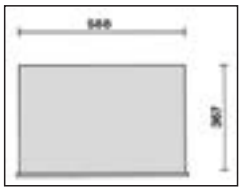
h	max
70 mm	30 kg
240 mm	40 kg

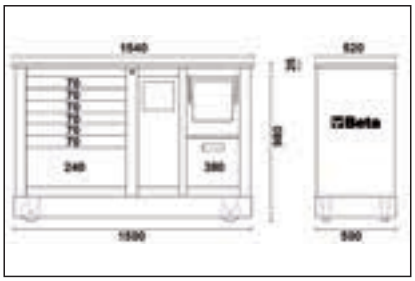












C39SM O		1	039390001
C39SM G	-	1	039390002
C39SM R		1	039390003

C39MD

special mobile roller cab, Racing MD type

Specifications
• Multi-ply wood worktop
• 4 castors, Ø 125 mm
2 fixed and 2 steering (one with brake), with exposed covering
• Static load capacity: 1200 kg

7-drawer module
588x367 mm, with ball bearing slides:
6 drawers, 70 mm high
1 drawer, 240 mm high
• Drawer bases protected by foamed rubber mats
• Front centralized safety lock
• Opening system throughout length of drawer
• Drawer front made of aluminium

2-drawer module
588x367x270 mm and 588x367x380 mm, with ball bearing slides
• Drawer bases protected by foamed rubber mats
• Front centralized lock
• Opening system throughout length of drawers
• Drawer front made of aluminium

123 kg



C39MD O



C39MD R



C39MD G

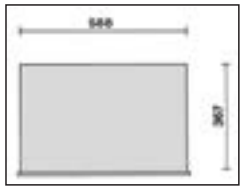


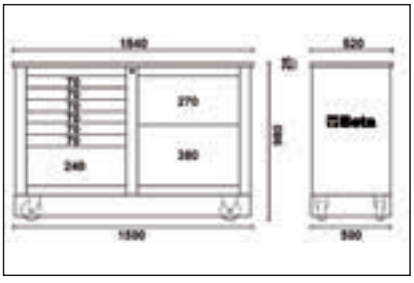
h	max
70 mm	30 kg
240 mm	40 kg











C39MD O	1	039390101
C39MD G	1	039390102
C39MD R	1	039390103

C41S - 4100S

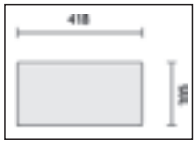
two-module tool trolley

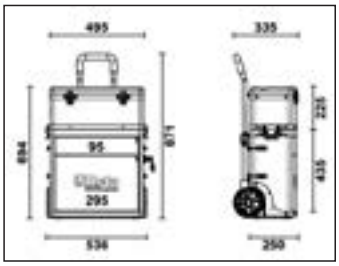
Main features:
• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 2 detachable modules:
1 upper tool box,
1 module with 2 drawers, 95 mm and 295 mm high respectively.
• Oversized castors (160 mm),
built into frame for easy transport - for example, on steps.
• 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

Recommended assortments: 5940/SBK and 5915VU/5









16 kg

C41S	1	041000001

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

• Recommended assortments: 5940/SBK and 5915VU/5
* Colours available on request



C41H O

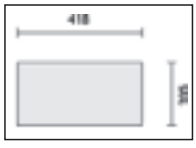


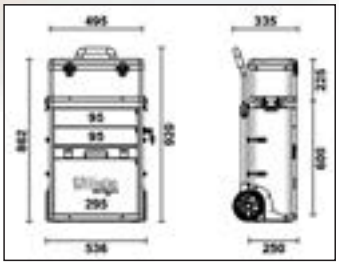


C41H W
C41H Y
C41H R
C41H V
C41H B
C41H G
C41H N

21 kg

C41H/ O	RAL 2011	1	041000002
C41 H/N	RAL 9005	1	041000005
C41 H/B	RAL 5002	1	041000006
C41 H/R	RAL 3000	1	041000008
C41 H/G	RAL 7016	1	041000010
C41 H/Y	RAL 1023	1	041000012
C41 H/V	RAL 6024	1	041000020
C41 H/W	RAL 9016	1	041000021





C42S - 4200S

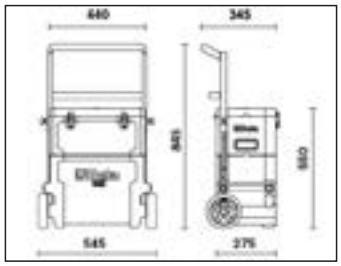
two-module tool trolley

Main features:
• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 2 detachable modules:
1 upper tool box, 220 mm high
1 lower tool module with castors, 330 mm high.
• Oversized castors (ø 160 mm).
• Telescopic handle, can be adjusted in 3 positions
• Quick module release system: easy, quick access to all compartment tools.
• Upper tool box with interior object compartment and 3 tool trays built into cover.

Recommended assortments: 5940/SBK and 5915VU/5

11,5 kg





C42S	1	042000001

C42H - 4200H

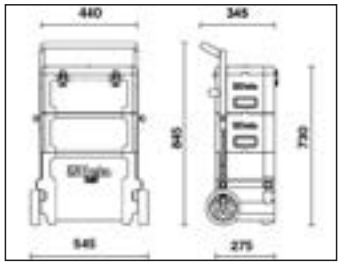
three-module tool trolley

Main features:
• Sheet metal frame and plastic tops, synonymous with remarkable sturdiness and reduced weight.
• 3 detachable modules:
1 upper tool box, 220 mm high
1 central tool module, 180 mm high.
1 lower tool module with castors, 330 mm high.
• Oversized castors (ø 160 mm).
• Telescopic handle, can be adjusted in 3 positions
• Quick module release system: easy, quick access to all tool compartments.
• Upper tool box with interior object compartment and 3 tool trays built into cover.
• Can be used with 2 modules.

Recommended assortments: 5940/SBK and 5915VU/5

14 kg





C42H	1	042000002

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

C42 MCH

additional central module for tool trolley item C42

2,5 kg



440x180x275 mm

C42 MCH	1	042000105



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 between3 shelves)

21 kg



C51/O	1	051000001
C51/G	1	051000002
C51/R	1	051000003

CP51

high-grade trolley

- 2 tops covered with rubber mats
- Ergonomic handle
- Four high-grade castors Ø 125 mm:
  2 fixed and 2 steering (one with brake).
- Static load capacity: 750 kg (shared by 2 tops)

37 kg



CP51/O	1	051000501
CP51/G	1	051000502
CP51/R	1	051000503

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

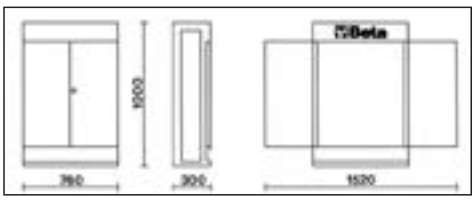


C53

5300

C53		1	053000001	
C53VI		1	053000090	
5300VI	(C53VI+5953VI)	1	053000015	**301**
C53VG		1	053000095	
5300VG	(C53VG+5953VG)	1	053000025	**337**





C54 - 5400

NewCargo cabinets

Same features as item C53.
• Empty thermoformed tray for 1/2" sockets and accessories.
• Single-sided doors.
• Models VI and VG have different toolholder assortments.

33 kg



5400 O



C54 O



C54 G

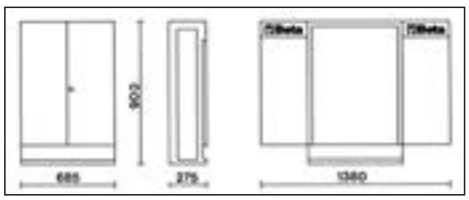


C54 R

C54 O		1	054000001	
C54VI O		1	054000090	
5400 O/VI	(C54VI O+5954VI)	1	054000150	**302**
C54VG O		1	054000095	
5400 O/VG	(C54VG O+5954VG)	1	054000160	**338**
C54 G		1	054000002	
C54VI G		1	054000092	
5400 G/VI	(C54VI G+5954VI)	1	054000152	**302**
C54VG G		1	054000097	
5400 G/VG	(C54VG G+5954VG)	1	054000162	**338**
C54 R		1	054000003	
C54VI R		1	054000093	
5400 R/VI	(C54VI R+5954VI)	1	054000154	**302**
C54VG R		1	054000098	
5400 R/VG	(C54VG R+5954VG)	1	054000164	**338**



359



C57S A - 5700SA

MasterCargo workbench

• Model with tool storage board (C57P) and one drawer cabinet.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Panel tool holder with holes on back for wall mounting.
Vertically operated aluminium shutter, with lock.
Three removable perforated panels for supporting tools.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

205 kg




C57S A G

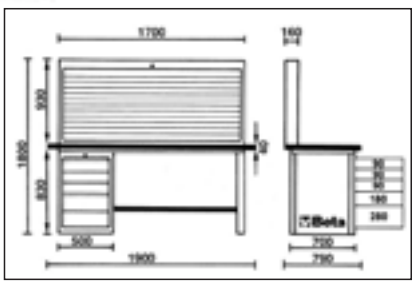

C57S A R


5700S A O

C57S A/O		1	057001005	
5700 AO/VI	(C57S A/O+5957VI)	1	057001091	**303**
5700 AO/VG	(C57S A/O+5957VG)	1	057001092	**339**
C57S A/G		1	057001205	
5700 AG/VI	(C57S A/G+5957VI)	1	057001291	**303**
5700 AG/VG	(C57S A/G+5957VG)	1	057001292	**339**
C57S A/R		1	057001405	
5700 AR/VI	(C57S A/R+5957VI)	1	057001491	**303**
5700 AR/VG	(C57S A/R+5957VG)	1	057001492	**339**


359

h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S D

MasterCargo workbench

• Model with one drawer cabinet

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Multi-ply worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

158 kg




359

h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg

C57S D/O	1	057001004	
C57S D/G	1	057001204	
C57S D/R	1	057001404	


C57S D G


C57S D R

C57S B - 5700SB

MasterCargo workbench

• Model with tool storage board (C57P) and two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.
Can accommodate thermoformed trays
Centralized lock.

Panel tool holder with holes on back for wall mounting.
Vertically operated aluminium shutter, with lock.
Three removable perforated panels for supporting tools.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

243 kg




C57S B G

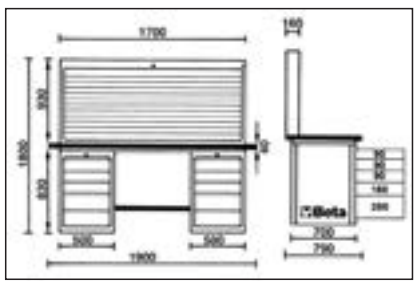

C57S B R


5700S B O

C57S B/O		1	057001006	
5700 BO/VI	(C57S B/O+5957VI)	1	057001093	303
5700 BO/VG	(C57S B/O+5957VG)	1	057001094	339
C57S B/G		1	057001206	
5700 BG/VI	(C57S B/G+5957VI)	1	057001293	303
5700 BG/VG	(C57S B/G+5957VG)	1	057001294	339
C57S B/R		1	057001406	
5700 BR/VI	(C57S B/R+5957VI)	1	057001493	303
5700 BR/VG	(C57S B/R+5957VG)	1	057001494	339



h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg



C57S C

MasterCargo workbench

• Model with two drawer cabinets.

Drawer cabinet: five drawers, 588x367 mm, 3 90 mm high 1 180 mm and 1 280 mm high, with ball bearing slides.
Can accommodate thermoformed trays.
Centralized lock.

Multi-ply wood worktop, coated in plastic laminate with three holes for vice item 1599F/150, to be ordered separately.

196 kg





h	max
90 mm	30 kg
180 mm	40 kg
280 mm	40 kg


C57S D G


C57S D R

C57S C/O	1	057001003	
C57S C/G	1	057001203	
C57S C/R	1	057001403	

C57SP - 5700SP

panel tool holder

Panel tool holder with two holes on back for wall mounting.
Aluminium shutter, vertically adjustable, with lock.
Three removable perforated panels for tool holding.

46 kg



C57SP O


C57P G


5700SP O/U


C57SP R


359

C57SP O		1	057001020	
5700SP O/U	(C57SP O+5957U)	1	057001075	**317**
C57SP G		1	057001220	
5700SP G/U	(C57SP G+5957U)	1	057001275	**317**
C57SP R		1	057001420	
5700SP R/U	(C57SP R+5957U)	1	057001475	**317**

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 + 5700SA O

5700LAMP	1	057000005	

C58P - 5800P

panel toolholder

• Security locked shutter.

31 kg



C58P O



C58P G



5800UP/O



C58P R

359

C58P/O		1	058000121	
5800 P-O	(C58P O+5958U)	1	058000181	**318**
C58P/G		1	058000122	
5800 P-G	(C58P G+5958U)	1	058000182	**318**
C58P/R		1	058000123	
5800 P-R	(C58P R+5958U)	1	058000183	**318**

PV

wall tool panel



359

	LxA mm	kg		
PV 1	1000x920	10,2	1	088880010
PV 1,5	1500x920	14,2	1	088880015

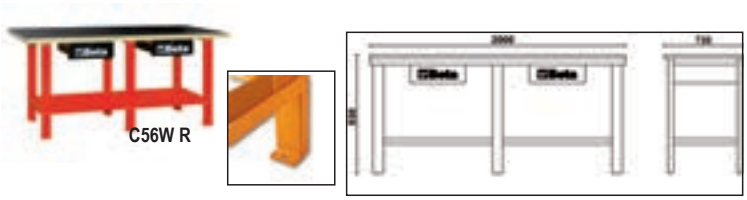
C56W

workbench with wood top

- Multi-ply wood worktop (30 mm thick)
- Steel frame with 6 supporting legs
- Static load capacity: 1,200 kg
- Matches panel tool holder C57P; cannot be fixed to worktop.
- Two drawers with locks.
- Can be fixed to floor.

86 kg





C56W O	1	056000251
C56W G	1	056000252
C56W R	1	056000253

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

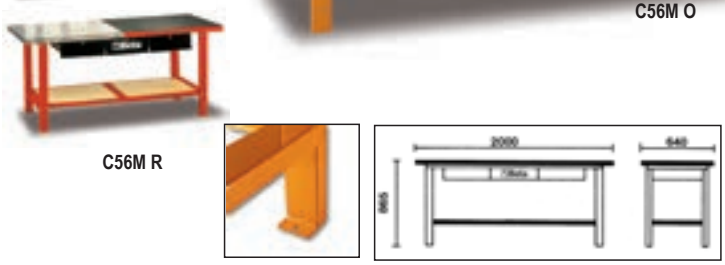
C56M

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

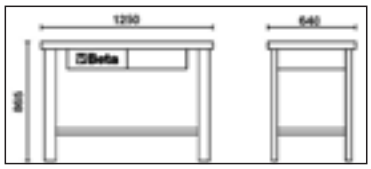
workbench

- Metal worktop fully covered with a removable antislip rubber mat.
- Lower shelf made from solid wood.
- Static load capacity: 800 kg.
- 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



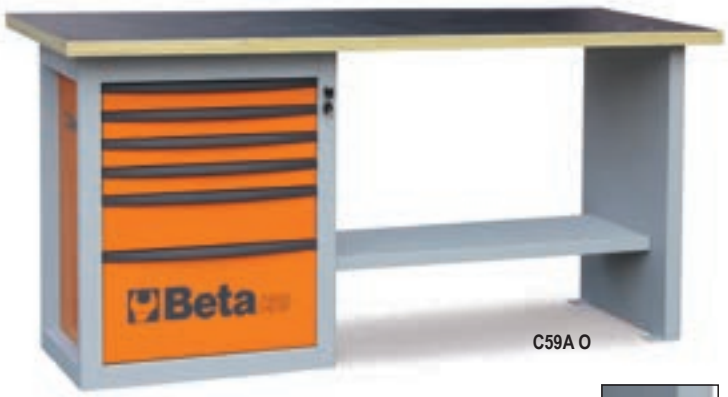
C58M/PA	1	058000350

C59A - 5900A

"Endurance" workbench with 1 cab with six drawers

Main features:
- Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
- 6 drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high.
- Drawers protected by foamed rubber mats.
- Hard-wearing nylon drawer front.
- Roller cabs can accommodate thermoformed trays.
- Front centralized safety lock.
- Lower object shelf.
- Can be fitted with paper roll holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.

115 kg

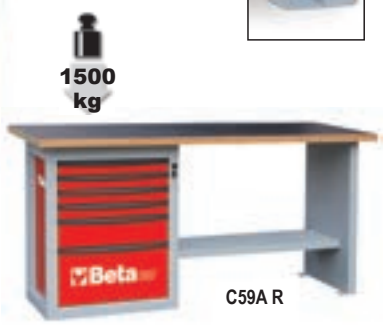


C59A O





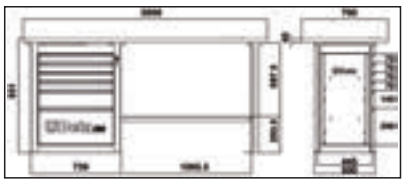
C59A G



C59A R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59A O	1	059000001
C59A G	1	059000021
C59A R	1	059000041

C59B - 5900B

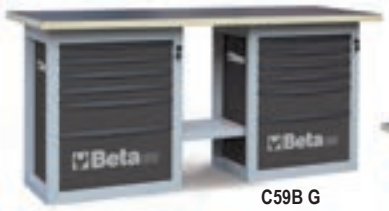
"Endurance" workbench with 2 cabs with six drawers

Main features:
• Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
• 12 drawers (588x367 mm) with ball bearing slides:
8 drawers, 70 mm high
2 drawers, 140 mm high
2 drawers, 280 mm high.
• Drawers protected by foamed rubber mats.
• Can accommodate thermoformed trays.
• Front centralized safety lock.
• Lower object shelf.
• Can be fitted with paper roll holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.

155 kg

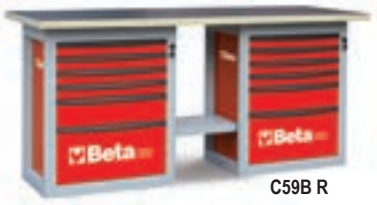


C59B O



C59B G

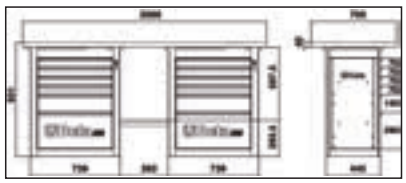

1500 kg



C59B R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59B O	1	059000002
C59B G	1	059000022
C59B R	1	059000042

C59C - 5900C

"Endurance" workbench with 1 cab with six drawers, short model

Main features:
• Worktop made from multi-ply wood with holes for vice item 1599F/125 (to be ordered separately).
• 6 drawers (588x367 mm) with ball bearing slides:
4 drawers, 70 mm high
1 drawer, 140 mm high
1 drawer, 280 mm high.
• Drawers protected by foamed rubber mats.
• Can accommodate thermoformed trays.
• Front centralized safety lock.
• Lower object shelf.
• Can be fitted with paper roller holder (2400S-R/PC) and bottle holder (2400S/PF), to be ordered separately.

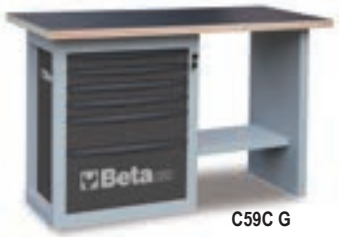
105 kg



C59C O




1500 kg



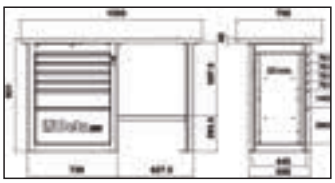
C59C G



C59C R



h	max
70 mm	25 kg
140 mm	30 kg
280 mm	35 kg



C59C O	1	059000003
C59C G	1	059000023
C59C R	1	059000043

Beta

RSC 55



WORKSHOP EQUIPMENT

To answer the requirements of a market where the emphasis is increasingly on quality, design and customization, Beta Utensili has developed "Racing System C55", modular garage furniture shaped on your needs, while allowing you to create a modern work environment.

Configure your workshop online

Go to **www.beta-tools.com/RSC55en**

Modularity

Modular garage fitting your spaces and requirements

Quality

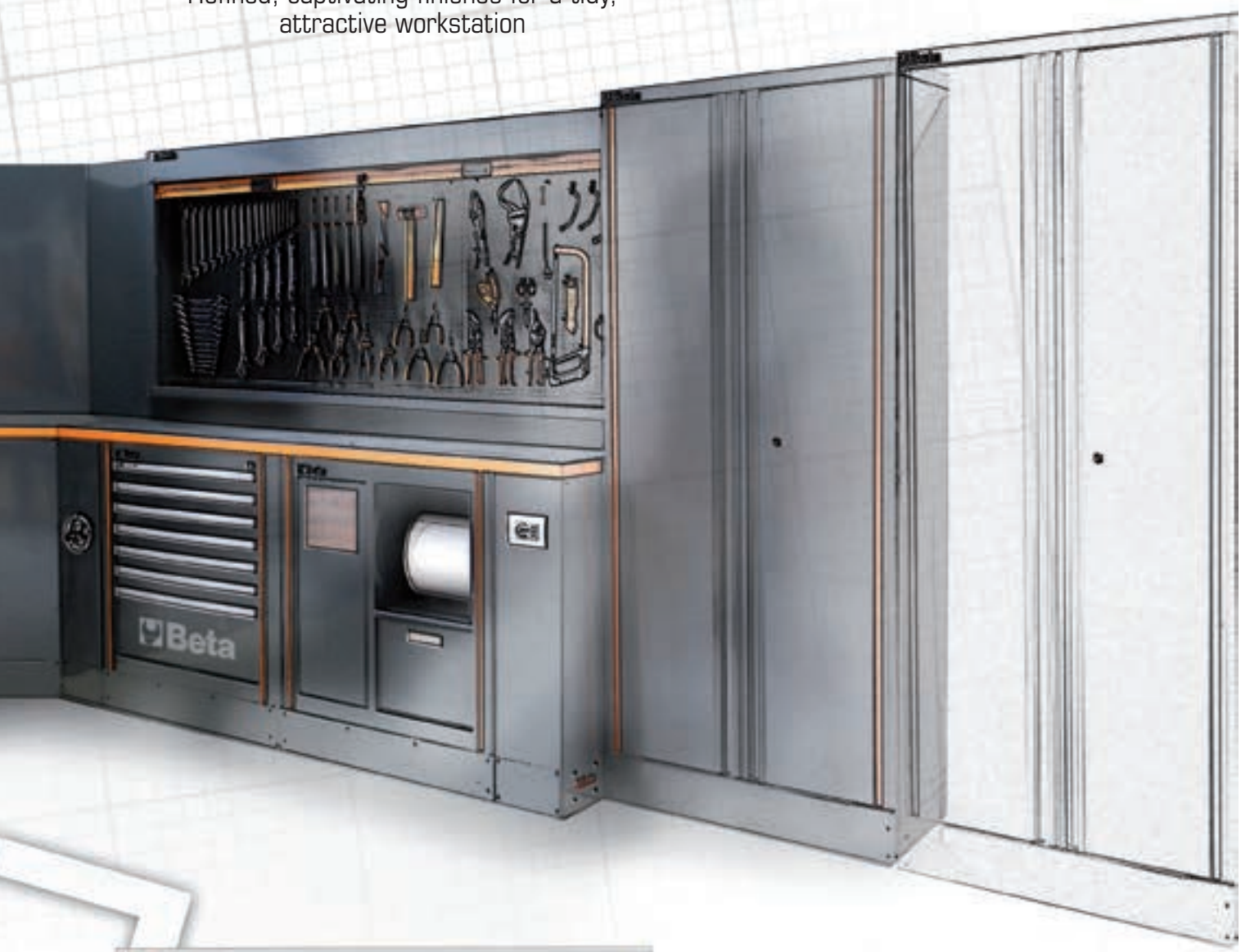
Beta's best Italian-made quality to furnish your garage

Organization

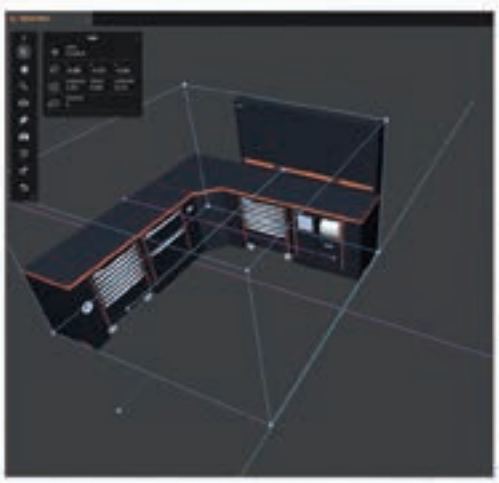
A sensibly organized workstation, synonymous with optimized work

Design

Refined, captivating finishes for a tidy, attractive workstation







C55B

sheet metal bench, for workshop equipment combination

Worktop (2050x700 mm) covered with a removable ABS coat

- Holes for a vice (1599F/150, to be ordered separately)
- Vertically adjustable feet

100 kg



C55M7

fixed module with 7 drawers, for workshop equipment combination

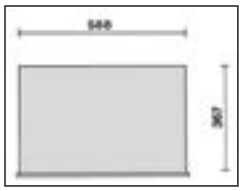
7 drawers (588x367 mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

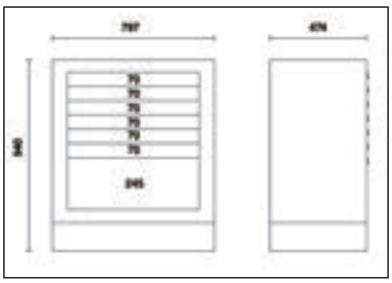
78 kg





h	max
70 mm	30 kg





C55M7	1	055000203

C55C7

mobile roller cab with 7 drawers, for workshop equipment combination

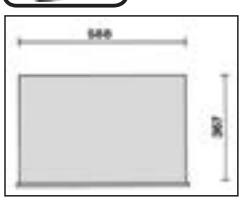
7 drawers (588x367 mm) with ball bearing slides
- 4 castors Ø 100 mm, 2 fixed (one with brake) and 2 steering
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock
- Can be fitted with foam trays

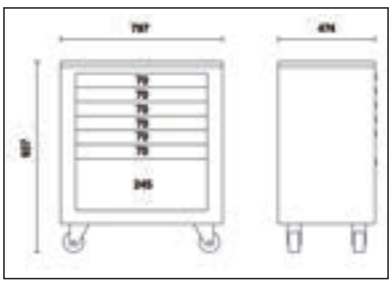
79 kg





h	max
70 mm	30 kg





C55C7	1	055000201

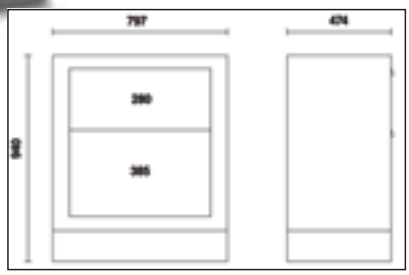
C55M2

fixed module with 2 drawers, for workshop equipment combination

2 drawers (588x367mm) with ball bearing slides
- Aluminium opening system throughout length of drawer
- Drawer bases protected by foamed rubber mats
- Front centralized lock

66 kg





C55M2	1	055000202

C55MS

fixed service module, for workshop equipment combination

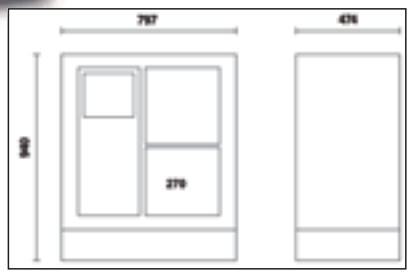
- Built-in waste bin
- Perforated paper roll compartment
- Storage drawer, 305x270 mm

75 kg









C55MS	1	055000204

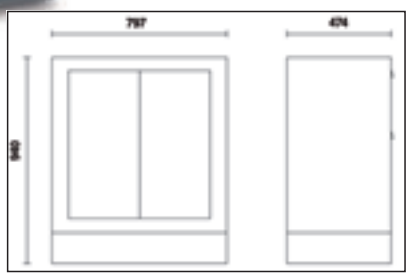
C55MA

fixed two-door module, for workshop equipment combination

Interior shelf, vertically adjustable

75 kg





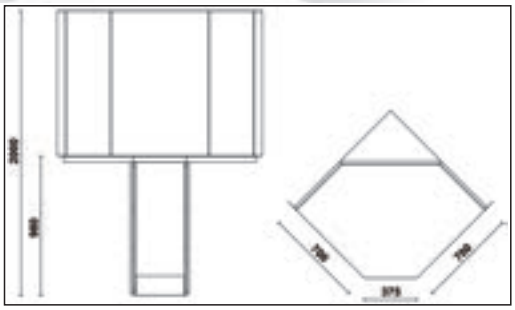
C55MA	1	055000205

C55AN/K-P

interior angle for workshop equipment combination

30 kg





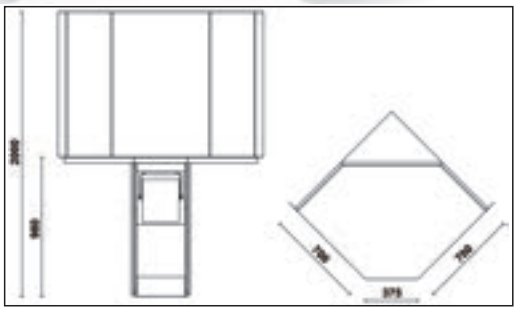
C55AN/K-P	1	055000181
C55AN/PS-45°	1	055000191

C55AN/K-PC

interior angle for workshop equipment combination, with paper roll compartment

32 kg





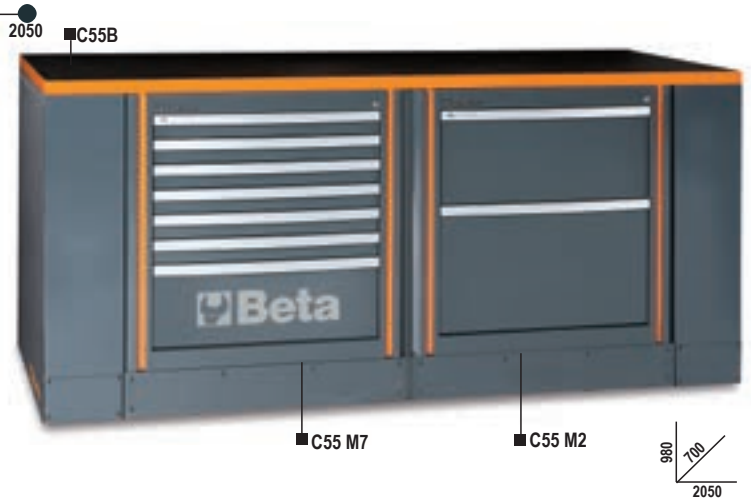
C55AN/K-PC	1	055000182
C55AN/PS-45°	1	055000191

C55B/1

workbench, for workshop equipment combination

Combination comprising:
- Workbench (C55 B)
- Fixed module with 2 drawers (C55 M2)
- Fixed module with 7 drawers (C55 M7)

246 kg



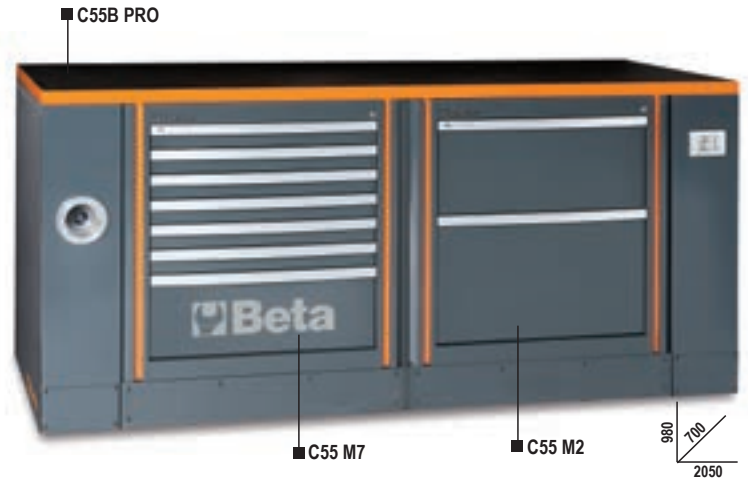
C55B/1	1	055000041

C55B-PRO/1

workbench, for workshop equipment combination

Combination comprising:
- Workbench with sockets (C55B-PRO)
- Fixed module with 2 storage drawers (C55 M2)
- Fixed module with 7 drawers (C55 M7)

251 kg



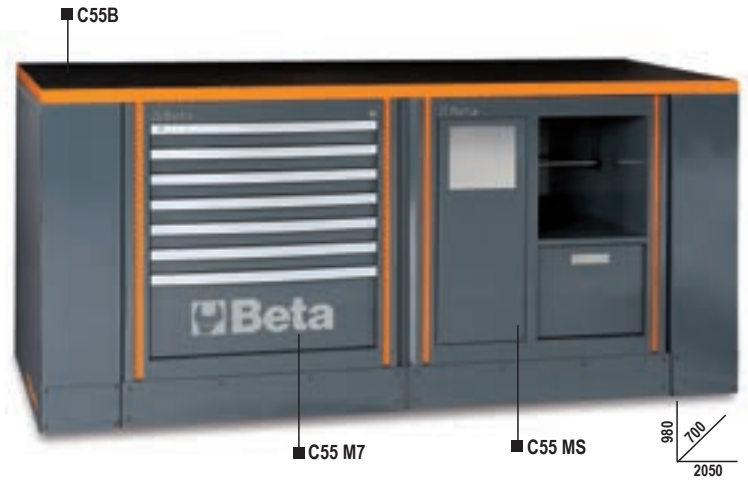
C55B-PRO/1	1	055000071

C55B/2

workbench, for workshop equipment combination

Combination comprising:
- Workbench (C55 B)
- Fixed module with 7 drawers (C55 M7)
- Fixed service module (C55 MS)

254 kg



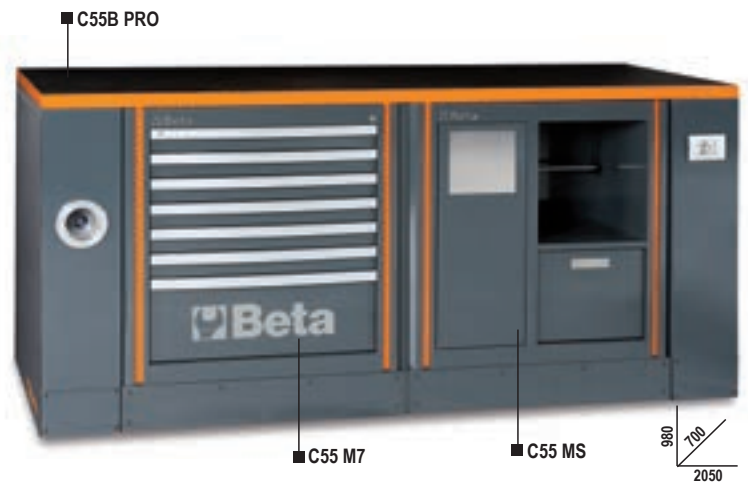
C55B/2	1	055000042

C55B-PRO/2

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench with sockets (C55B-PRO)
- Fixed module with 7 drawers (C55 M7)
- Fixed service module (C55 MS)

260 kg



C55B-PRO/2	1	055000072

C55B/3

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench (C55 B)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed module with 2 storage drawers (C55 M2)

246 kg



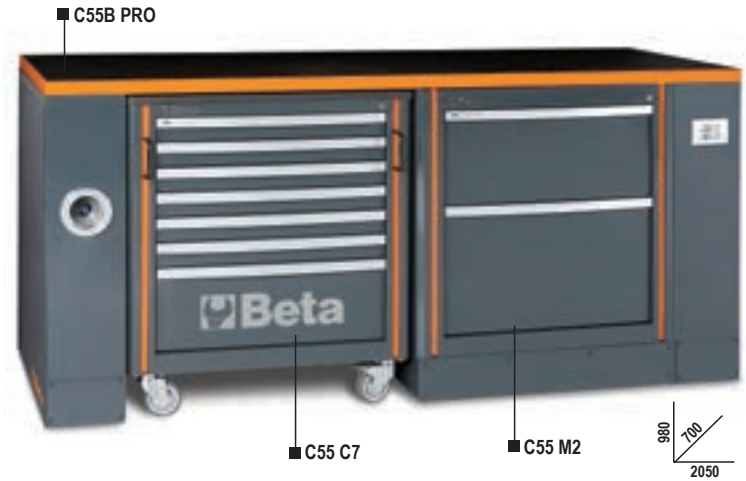
C55B/3	1	055000043

C55B-PRO/3

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench with sockets (C55B-PRO)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed module with 2 storage drawers (C55 M2)

251 kg



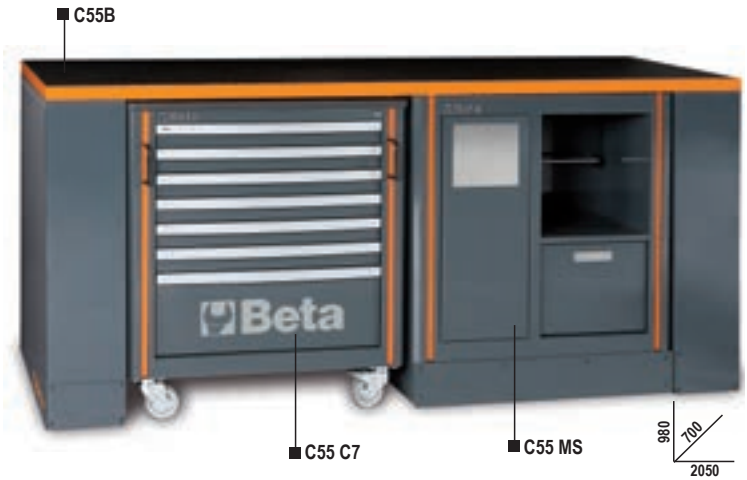
C55B-PRO/3	1	055000073

C55B/4

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench (C55 B)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed service module (C55 MS)

255 kg



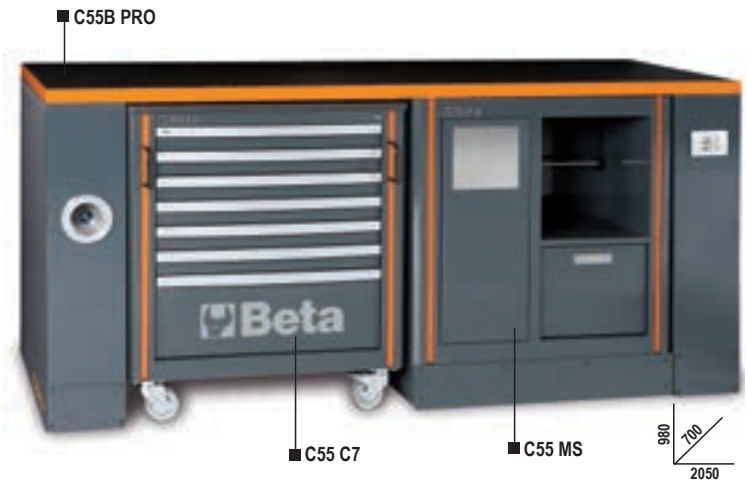
C55B/4	1	055000044

C55B-PRO/4

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench with sockets (C55B-PRO)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed service module (C55 MS)

260 kg



C55B-PRO/4	1	055000074

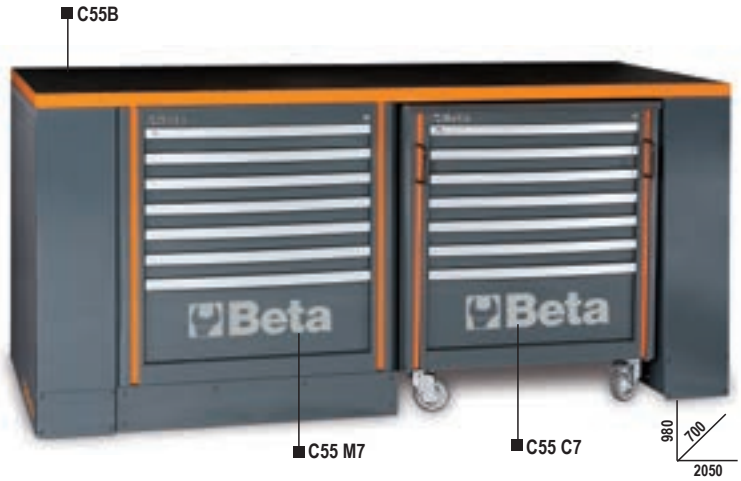
C55B/5

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench (C55 B)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed module with 7 drawers (C55 M7)

260 kg

C55B/5	1	055000045



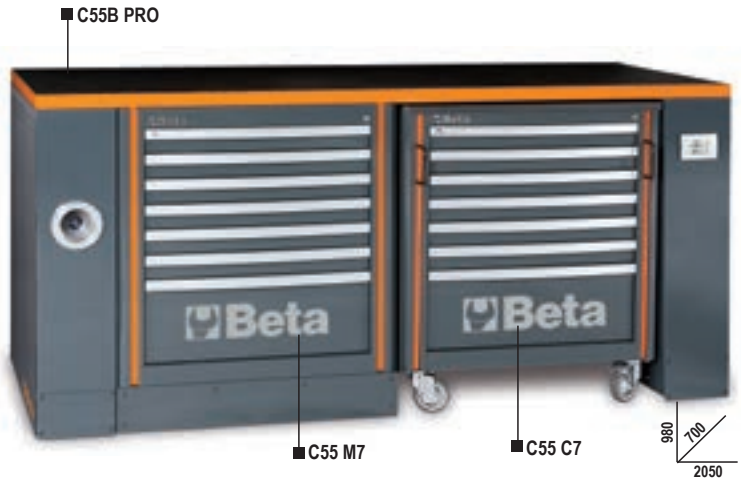
C55B-PRO/5

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench with sockets (C55B-PRO)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed module with 7 drawers (C55 M7)

264 kg

C55B-PRO/5	1	055000075



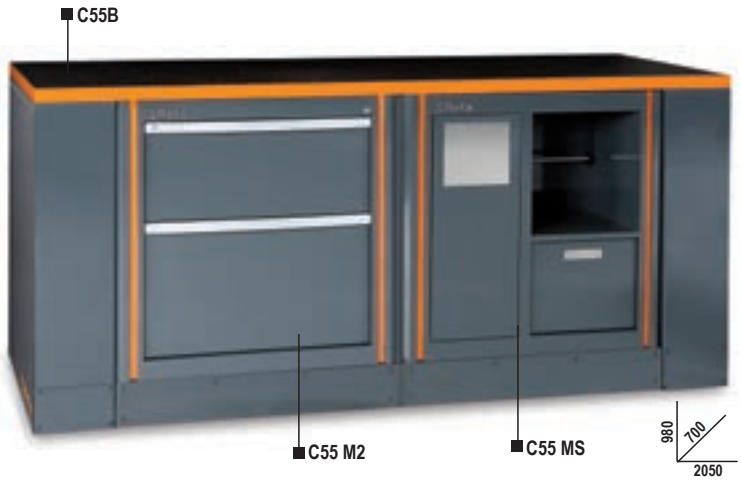
C55B/6

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench (C55 B)
- Fixed module with 2 storage drawers (C55 M2)
- Fixed service module (C55 MS)

242 kg

C55B/6	1	055000046



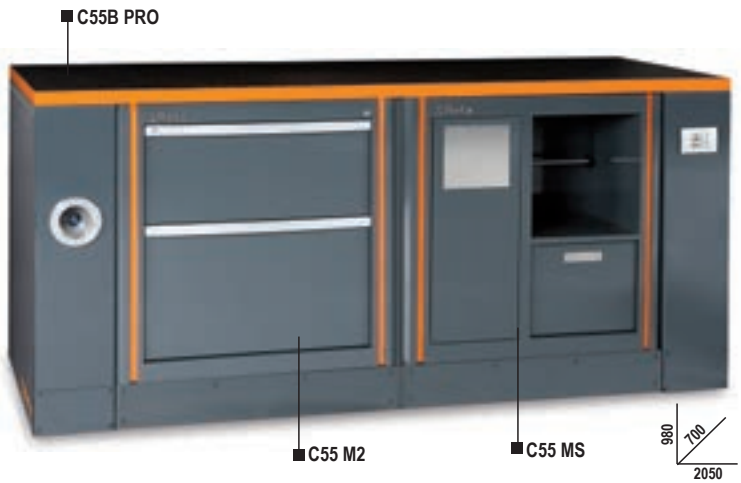
C55B-PRO/6

workbench, for workshop equipment combination

Comprehensive combination comprising:
- Workbench with sockets (C55B-PRO)
- Fixed module with 2 storage drawers (C55 M2)
- Fixed service module (C55 MS)

247 kg

C55B-PRO/6	1	055000076



C55PSP

tool panel with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated panel for holding tools
- Supplied with framework to match workbenches C55B and C55B-PRO

88 kg



359

C55PSP		1	055000250

C55P

tool panel with shutter, for workshop equipment combination

- Aluminium shutter, vertically adjustable, with lock
- Removable perforated panel for holding tools

61 kg



359



5955U 316

C55P		1	055000251

C55P/SP

framework for tool panel C55 P

15 kg



C55P/SP		1	055000252

C55 2PM

tool panel with suspended cabinets, for workshop equipment combination

• 2 suspended cabinets (1024x400x300 mm) fitted with gas springs, making it easier to open and close doors.
• Wall tool panel (2050x620 mm); can accommodate perforated tool panels C55 2PF
(to be ordered separately).
• Supplied with framework to match workbenches C55B and C55B-PRO.

80 kg



C552PM	1	055000301

C55LMP/1

LED lamp for workshop equipment combination C55

• Length: 1 m
• Easy to fix under cabinet through a pair of magnets
• ON/OFF switch
• Built-in cable and transformer, 18 W
• 1300 lumens

1,2 kg





C55LMP/1	1	055000320

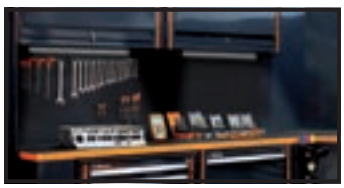
C55LMP/2

2 LED lamps for workshop equipment combination C55

• length: 2 1-m-long lamps, connected to each other
• Easy to fix under cabinet through a pair of magnets
• ON/OFF switch
• Built-in cable and transformer, 18 W
• 1300 lumens

2 kg





C55LMP/2	1	055000322

C55PM

suspended cabinet, for workshop equipment combination

1024x400x300 mm, fitted with gas springs, making it easier to open and close doors.

24 kg



C55 PM	1	055000302

C55PM/S

framework for supporting suspended cabinets C55PM

31 kg



C55PM/S	1	055000303

C552PF

perforated tool panels, for workshop equipment combination

- 2 perforated tool panels (1024x600 mm)
- To be matched with item C55 2PM

12 kg





C552PF	1	055000310

C55A1

sheet metal single-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x42x42 cm

50 kg



C55A1	1	055000401

C55A1/R42

interior shelf for tool cabinet C55A1

2,4 kg

C55A1/R42	420x420 mm	1	055000451

C55A2

sheet metal two-door tool cabinet, for workshop equipment combination

- 3 removable, vertically adjustable shelves
- With lock
- Usable interior dimensions: 177x70x42 cm

72 kg



C55A2		1	055000402

C55A2/R70

interior shelf for tool cabinet C55A2

3,5 kg

C55A2/R70	700x420 mm	1	055000452



C55AB-PRO/1

workshop equipment combination

Combination comprising:
- Two-door tool cabinet (C55 A2)
- Workbench with sockets (C55B-PRO)
- Fixed module with 2 storage drawers (C55 M2)
- Fixed module with 7 drawers (C55 M7)
- Tool panel with shutter (C55 PSP)

411 kg







C55AB-PRO/1	1	055000031

C55AB/2

workshop equipment combination

Combination comprising:
- Two-door tool cabinet (C55 A2)
- Workbench (C55 B)
- Fixed module with 7 drawers (C55 M7)
- Fixed service module (C55 MS)
- Tool panel with suspended cabinets (C55 2PM)

407 kg





C55AB/2	1	055000022





Comprehensive combination comprising:
- Single-door tool cabinet (C55 A1)
- Two-door tool cabinet (C55 A2)
- Workbench (C55 B)
- Workbench with sockets (C55B-PRO)
- Mobile roller cab with 7 drawers (C55 C7)
- Fixed module with 2 storage drawers (C55 M2)
- Fixed module with 7 drawers (C55 M7)
- Fixed service module (C55 MS)
- Tool panel with suspended cabinets (C55 2PM)
- Tool panel with shutter (C55 PSP)

C55	1	055000001

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			
5902VI	107	1	059020050	294
5904VI/1T	98	1	059040161	295
5904VI/2T	153	1	059040164	296
5904VI/3T	142	1	059040168	297

Beta n.	N° of pieces			
5910VI/3	297	1	059100053	299
5910VI/3T	256	1	059100062	300
5953VI	137	1	059530075	301
5954VI	115	1	059540075	302

For universal maintenance

Beta n.	N° of pieces			
5904VU/1M	91	1	059040201	304
5904VU/2M	152	1	059040202	305
5904VU/3T	146	1	059040203	306
5915VU/0	35	1	059150121	307
5915VU/1	45	1	059150124	308
5915VU/2	49	1	059150127	309

Beta n.	N° of pieces			
5915VU/5	111	1	059150156	312
5915VU/AS	68	1	059150132	313
5927VU/M	108	1	059270021	314
5938U/2T	210	1	059380062	315
5955U	113	1	059550000	316
5957U	132	1	059570026	317

For electronic, electrotechnical and plumbing maintenance

Beta n.	N° of pieces			
5980ET/A	69	1	059800262	319
5980ET/B	64	1	059800263	320

Beta n.	N° of pieces			
5980EL/A	57	1	059800241	322
5980EL/B	98	1	059800242	323
5980ID	35	1	059800321	324

For car repair, earth moving machinery

Beta n.	N° of pieces			
5902MT	106	1	059020043	325
5902MT/AS	99	1	059020044	326
5904VG/1M	76	1	059040197	327
5904VG/2M	170	1	059040198	328
5904VG/2T	99	1	059040191	329
5904VG/3	132	1	059040192	330

Beta n.	N° of pieces			
5905VG/1	94	1	059050158	332
5905VG/2	118	1	059050144	333
5908VG/2T	212	1	059080117	334
5910VG/3T	202	1	059100067	335
5953VG	147	1	059530085	337
5954VG	138	1	059540085	338
5957VG	189	1	059570029	339

For motorcycle repairs

Beta n.	N° of pieces			
5940SBK	124	1	059400081	336

5902VI

assortment of 107 tools

Industrial maintenance



19.5 kg

Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31
1	centre punch Ø 3 mm	32
1	flat chisels, ribbed type 200 mm	35
26	combination wrenches 6÷32 mm	42/S26
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 30x32 mm	55/S12
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
1	adjustable wrench 300 mm	111
13	1/2" square drive hexagon sockets with rail ◎ 10÷22 mm	920A/SB13
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers 160 mm	1084BM
1	compound leverage shears, straight blades 250 mm	1122
1	electrician's scissors, straight blades	1128BMX

Quantity	Description	Beta N.
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
8	screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
4	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1262
1	engineer's hammer 500 g	1370
1	dead blow hammer Ø 40 mm	1392
1	engineer's scriber	1688A
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
5	files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1726BM
1	metal oil can 300 cc	1751
1	snap - off blade utility knife	1771BM
1	magnetic, articulated lamp with high-brightness LEDs	1837N

5902VI		059020050
	**2200S-O/VI** (C22S-O+5902VI)	022000461
	**2200S-G/VI** (C22S-G+5902VI)	022000462
	**2200S-R/VI** (C22S-R+5902VI)	022000463
	**2500/VI** (C25+5902VI)	025000087

5904VI/1T

Assortment of 98 tools

Industrial maintenance



14.5 kg

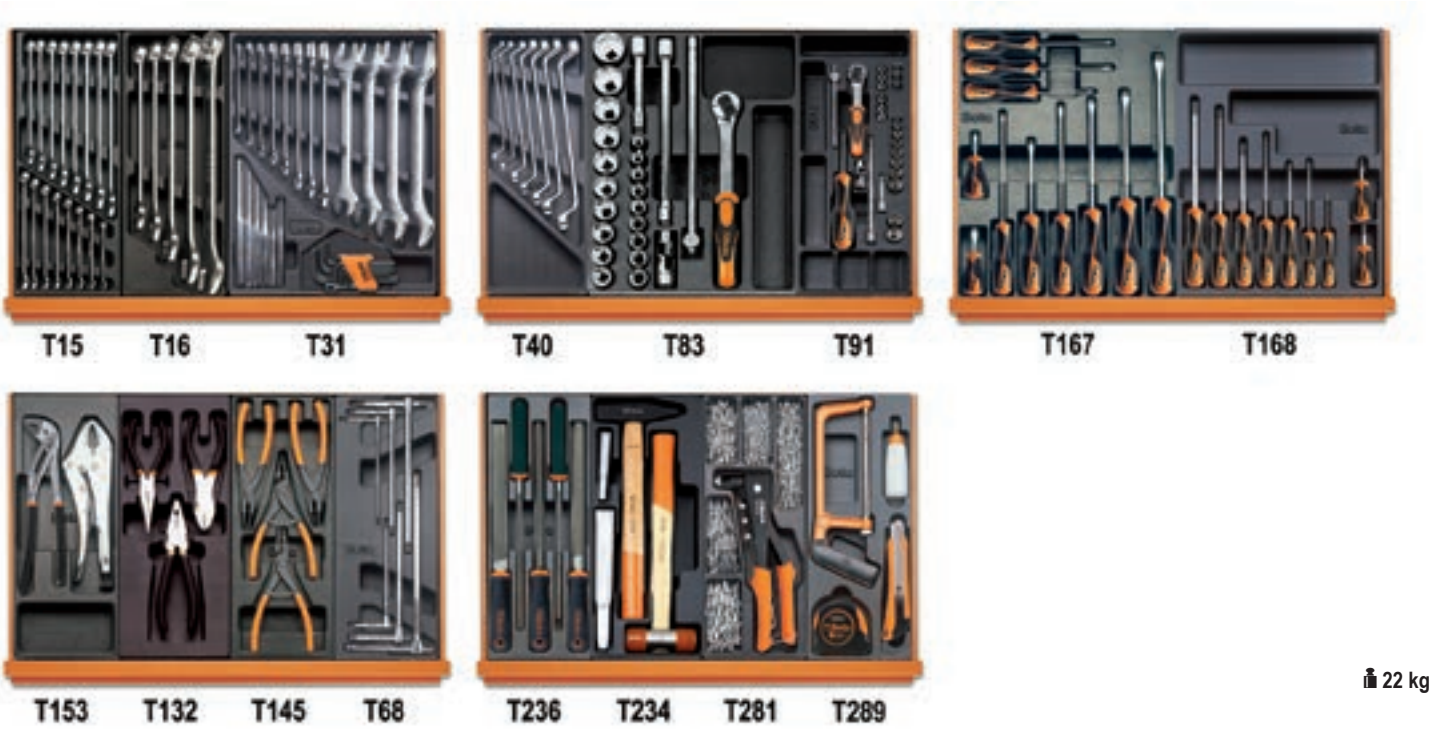
Quantity	Description	Beta N.	TR
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" drive reversible ratchet	920/55	T80
21	combination wrenches 6÷21 mm	42	T15
5	combination wrenches 22-24-27-30-32 mm	42	T16
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153
1	heavy duty diagonal cutting nippers 160 mm	1084BM	T131
1	half-round needle nose pliers 180 mm	1150BM	T131
1	extra long needle knurled nose pliers, bi-material handles 160 mm	1166BM	T131
1	circlip pliers straight, internal 180 mm	1032	T145
1	circlip pliers bent, internal 170 mm	1034	T145
1	circlip pliers straight, external 175 mm	1036	T145
1	circlip pliers bent, external 175 mm	1038	T145
5	second cut files 200 mm	1719BMA8/S5	T236
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	T33
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260	T208
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262	T208
6	T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68

	5904VI/1T	059040161
	**2400S5-O/VI1T** (C24S5/O+5904VI/1T)	024002504
	**2400S5-G/VI1T** (C24S5/G+5904VI/1T)	024002505
	**2400S5-R/VI1T** (C24S5/R+5904VI/1T)	024002506
	**2400S6-O/VI1T** (C24S6/O+5904VI/1T)	024002614
	**2400S6-G/VI1T** (C24S6/G+5904VI/1T)	024002615
	**2400S6-R/VI1T** (C24S6/R+5904VI/1T)	024002616

5904VI/2T

assortment of 153 tools in thermoformed tray

Industrial maintenance



22 kg

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1	centre punch Ø 4 mm	32	T31
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9	offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
7	double ended offset ring wrenches 6÷29 mm	90	T40
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T83
1	1/2" drive extension bar 125 mm	920/21	T83
1	1/2" drive extension bar 255 mm	920/22	T83
1	1/2" drive universal joint	920/25	T83
1	1/2" drive sliding T-handle	920/42	T83
1	1/2" drive reversible ratchet	920/55	T83
13	1/4" hexagon sockets ◎ 4÷14 mm	900	T91
6	1/4" socket drivers for hexagon screws O 2,5÷8 mm	900ME	T91
1	1/4" drive extension bar 50 mm	900/20	T91
1	1/4" drive extension bar 150 mm	900/21	T91
1	1/4" drive universal joint	900/25	T91
1	1/4" drive spinner handle	900BG/30	T91
1	1/4" drive swivel T-handle	900/42	T91
1	1/4" reversible ratchet	900/55	T91
9	screwdrivers for cross head Phillips® screws ◖ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	T167
2	screwdrivers for slotted head screws, extra-short series ◖ 4x30 - 6,5x30 mm	1260N	T167
7	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1262	T168
2	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N	T168
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153
1	heavy duty diagonal cutting nippers 160 mm	1084	T132
1	screwdrivers for slotted head screws ◖ 160 mm	1166	T132
1	half-round needle nose pliers 180 mm	1150	T132
1	circlip pliers straight, internal 180 mm	1032	T145
1	circlip pliers bent, internal 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
6	T-handle wrenches with hexagon male ends O 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
5	second cut files 200 mm	1719BMA8/S5	T236
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	riveting pliers	1741B	T281
100	aluminium rivets 2,9x6 mm	1741RV...K	T281
100	aluminium rivets 3,2X8 mm	1741RV...K	T281
100	aluminium rivets 3,8x10 mm	1741RV...K	T281
100	aluminium rivets 4x12 mm	1741RV...K	T281
100	aluminium rivets 4,8x12 mm	1741RV...K	T281
1	measuring tape	1692	T289
1	mini hacksaw frame	1725CR	T289
1	plastic oil bottle	1755	T289
1	snap - off blade utility knife	1771	T289

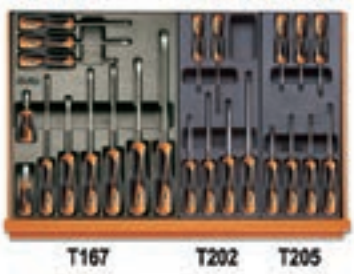
	5904VI/2T	059040164
	**2400SL-O/VI2T** (C24SL/7 O+5904VI/2T)	024002431
	**2400SL-G/VI2T** (C24SL/7 G+5904VI/2T)	024002432
	**2400SL-R/VI2T** (C24SL/7 R+5904VI/2T)	024002433
	**2400S7-O/VI2T** (C24S7/O+5904VI/2T)	024002434
	**2400S7-G/VI2T** (C24S7/G+5904VI/2T)	024002435
	**2400S7-R/VI2T** (C24S7/R+5904VI/2T)	024002436

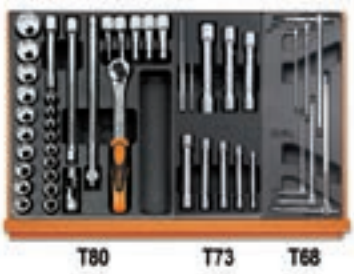
5904VI/3T

assortment of 142 tools in thermoformed tray

Industrial maintenance













26.5 kg

Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	**T15**
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T16**
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	**T31**
1 centre punch Ø 4 mm	32	**T31**
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	**T31**
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	**T31**
9 screwdrivers for cross head Phillips® screws ◐ 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	**T167**
2 screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N	**T167**
6 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	**T202**
7 drivers for Torx® head screws ✪ T6-T7-T8-T9-T10-T15-T20	1267TX	**T205**
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1 1/2" drive extension bar 125 mm	920/21	**T80**
1 1/2" drive extension bar 255 mm	920/22	**T80**
1 1/2" drive universal joint	920/25	**T80**
1 1/2" drive sliding T-handle	920/42	**T80**
1 1/2" drive reversible ratchet	920/55	**T80**
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
8 double ended bi-hex tubular socket wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 mm	930	**T73**
1 tommy bars for tubular wrenches	940/1	**T73**
1 tommy bars for tubular wrenches	940/2	**T73**
6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	**T68**
1 half-round needle nose pliers 180 mm	1150BM	**T131**
1 extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	**T131**
1 heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM	**T131**

Quantity/Description	Beta N.	TR
1 Slip joint pliers boxed joints 250 mm	1048	**T153**
1 self - locking pliers 240 mm	1052	**T153**
1 circlip pliers straight, internal ⊙ 180 mm	1032	**T145**
1 circlip pliers bent, internal ⊙ 170 mm	1034	**T145**
1 circlip pliers straight, external ● 175 mm	1036	**T145**
1 circlip pliers bent, external ● 175 mm	1038	**T145**
1 circlip pliers straight, internal ⊙ 140 mm	1032	**T146**
1 circlip pliers bent, internal ⊙ 225 mm	1034	**T146**
1 circlip pliers straight, external ● 140 mm	1036	**T146**
1 circlip pliers bent, external ● 225 mm	1038	**T146**
1 engineer's hammer 400 g	1370	**T231**
1 soft face hammer Ø 35 mm	1390	**T231**
1 second cut files 200 mm	1719BMA8/T	**T231**
1 second cut files 200 mm	1719BMA8/P	**T231**
1 second cut files 200 mm	1719BMA8/M	**T231**
1 digital vernier	1651DGT	**T297**
1 flexible graduated rule 300 mm	1682	**T297**
1 measuring tape 5 m	1691BM	**T297**
empty thermoformed tray	VP6	**T297**
1 riveting pliers 250 mm	1741B	**T281**
100 aluminium rivets 2,9x6 mm	1741RV...K	**T281**
100 aluminium rivets 3,2x8 mm	1741RV...K	**T281**
100 aluminium rivets 3,8x10 mm	1741RV...K	**T281**
100 aluminium rivets 4x12 mm	1741RV...K	**T281**
100 aluminium rivets 4,8x12 mm	1741RV...K	**T281**
1 tin snips 250 mm	1112	**T285**
1 electrician's scissors, straight blades	1128BM	**T285**
1 hacksaw frame, aluminium handle	1726	**T285**
(5) blades for hacksaw	1728BM	**T285**
1 plastic oil can 200 cc	1753	**T285**
empty thermoformed tray	VP6	**VP6**

	5904 VI/3T	059040168
	**2400SAXL7-O/VI3T** (C24SA-XL/7 O+5904VI/3T)	024002464
	**2400SAXL7-G/VI3T** (C24SA-XL/7 G+5904VI/3T)	024002465

	**2400SAXL7-R/VI3T** (C24SA-XL/7 R+5904VI/3T)	024002466
	**2400 S8-O/VI3T** (C24S8/O+5904VI/3T)	024002861
	**2400 S8-G/VI3T** (C24S8/G+5904VI/3T)	024002862

	**2400 S8-R/VI3T** (C24S8/R+5904VI/3T)	024002863

5908VI/2T

Assortment of 232 tools

Industrial maintenance



24,5 kg

Quantity/Description	Beta N.	TR
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1 1/2" drive extension bar 125 mm	920/21	T80
1 1/2" drive extension bar 255 mm	920/22	T80
1 1/2" drive universal joint	920/25	T80
1 1/2" drive sliding T-handle	920/42	T80
1 1/2" drive reversible ratchet	920/55	T80
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
16 combination wrenches 6÷21 mm	42	T15
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
13 1/4" hexagon sockets ◎ 4÷14 mm	900	T91
6 1/4" socket drivers for hexagon screws ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	900ME	T91
1 1/4" drive extension bar 50 mm	900/20	T91
1 1/4" drive extension bar 150 mm	900/21	T91
1 1/4" drive spinner handle	900BG/30	T91
1 1/4" drive universal joint	900/25	T91
1 1/4" drive swivel T-handle	900/42	T91
1 1/4" reversible ratchet	900/55	T91
6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
7 double ended offset ring wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19 mm	90	T40
5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	T41
7 screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1260	T199
6 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	T202
3 screwdrivers for cross head Phillips® screws ◐ 8x200 - 10x150 - 10x200 mm	1260	T201
2 screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N	T201
2 screwdrivers for cross head Phillips® screws ✪ PH3x150 - PH4x200 mm	1262	T204
2 screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N	T204
2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer Ø 35 mm	1390	T234
1 riveting pliers 250 mm	1741B	T281
100 aluminium rivets 2,9x6 mm	1741RV...K	T281
100 aluminium rivets 3,2x8 mm	1741RV...K	T281
100 aluminium rivets 3,8x10 mm	1741RV...K	T281

Quantity/Description	Beta N.	TR
100 aluminium rivets 4x12 mm	1741RV...K	T281
100 aluminium rivets 4,8x12 mm	1741RV...K	T281
1 Slip joint pliers boxed joints 250 mm	1048	T153
1 self - locking pliers 240 mm	1052	T153
5 second cut files 200 mm	1719BMA8/S	T236
1 circlip pliers straight, internal ○ 180 mm	1032	T145
1 circlip pliers bent, internal ○ 170 mm	1034	T145
1 circlip pliers straight, external ● 175 mm	1036	T145
1 circlip pliers bent, external ● 175 mm	1038	T145
1 half-round needle nose pliers 180 mm	1150BM	T131
1 extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	T131
1 heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM	T131
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	T31
1 centre punch Ø 4 mm	32	T31
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	T31
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T31
1 tin snips 250 mm	1112	T285
1 electrician's scissors, straight blades	1128BM	T285
1 hacksaw frame, aluminium handle	1726	T285
5 blades for hacksaw	1728BM	T285
1 plastic oil can 200 cc	1753	T285
1 empty thermoformed tray	VP5	VP5
1 adjstable tap wrench M3÷M12	435/1,5	T273
1 adjstable tap wrench M5÷M21	435/3	T273
1 reversible ratcheting tap wrench 2,0÷5,0 mm (M3÷M8)	436/1	T273
1 reversible ratcheting tap wrench 4,6÷8,0 mm (M5÷M12)	436/2	T273
1 die stock 25,4 mm	444/1	T273
1 die stock 38,1 mm	444/2	T273
1 screw pitch gauge 0,25÷6 W 62÷4x1"	1707	T273
26 coarse pitch hand taps M3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 12 - 14 - 16 - 18 - 20	430	T270
14 fine pitch hand taps M6x0,75 - M8x1 - M10x1,25 M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	433	T270
7 round dies, coarse pitch M3 - 4 - 5 - 6 - 7 - 8 - 9	440	T270
6 round dies, coarse pitch M10 - 12 - 14 - 16 - 18 - 20	440A	T270
2 round dies, fine pitch M6x0,75 - M8x0,75	441	T270
5 round dies, fine pitch M10x1,25 - M12x1,5 - M14x1,5 - M16x1,5 - M18x1,5	441A	T270

5908VI/2T	059080105	
2800 O/VI2T (C28 O+5908VI/2T)	028000324	
2800 G/VI2T (C28 G+5908VI/2T)	028000325	
2800 R/VI2T (C28 R+5908VI/2T)	028000326	

Industrial maintenance



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
30	combination wrenches 6÷41 mm	42
14	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 - 36x41 mm	55
13	double ended offset ring wrenches 6x7÷30x32 mm	90
14	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	96N
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
4	1/2" drive, socket drivers for hexagon screws ○ 10-12-14-17 mm	920ME
25	20 sockets and 5 accessories	920A/C20X
17	assortment of 12 sockets and 5 accessories 3/4"	928A/C12
12	double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	932
14	T-handle wrenches with hexagon male ends 2÷14 mm	951/S14
5	T handle wrenches with swivelling hexagon male ends ○ 3 - 4 - 5 - 6 - 8 mm	953
3	circlip pliers straight, internal ⊙ 180 - 225 - 300 mm	1032
3	circlip pliers bent, internal ⊙ 170 - 210 - 290 mm	1034
3	circlip pliers straight, external ● 140x1,3 - 175 - 225 mm	1036
3	circlip pliers bent, external ● 135x1,3 - 175 - 220 mm	1038
2	Slip joint pliers boxed joints 240 - 300 mm	1048
1	self locking pliers, double adjustment	1051
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM

Quantity	Description	Beta N.
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	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
1	bent needle nose pliers ◐ 160 mm	1168BM
9	screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x150 - 4x125 - 5,5x125 - 6,5x150 - 8x200 - 10x200 - 12x250 mm	1260
2	screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N
5	screwdrivers for cross head Phillips® screws ✪ PH0x100 - PH1x120 - PH2x150 - PH3x150 - PH4x200 mm	1262
2	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N
7	drivers for Torx® head screws ✪ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
2	engineer's hammer 300 - 600 g	1370
2	soft face hammer Ø 35 - 60 mm	1390
5	tapered extractors M3÷M18	1430/S5
1	two - leg universal puller 23÷70 mm	1500N/1
1	two - leg universal puller 23÷100 mm	1500N/2
1	sliding gauge	1650
1	semirigid stainless steel rule 300 mm	1683
1	engineer's scriber	1688A
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/13
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
5	files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1726BM
1	riveting pliers	1741B
1	metal oil can 200 cc	1751

5910VI/3	059100053		**3000/VI3** (C30S+5910VI3)	030000099

Industrial maintenance



Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	**T15**
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T16**
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	**T31**
1 centre punch Ø 4 mm	32	**T31**
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	**T31**
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	**T31**
5 double ended offset ring wrenches 20x22 - 21x23 - 24x26 - 25x28 - 27x29 mm	90	**T41**
7 double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm	90	**T40**
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1 1/2" drive extension bar 125 mm	920/21	**T80**
1 1/2" drive extension bar 255 mm	920/22	**T80**
1 1/2" drive universal joint	920/25	**T80**
1 1/2" drive sliding T-handle	920/42	**T80**
1 1/2" drive reversible ratchet	920/55	**T80**
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
9 screwdrivers for cross head Phillips® screws ◖ 3x75 - 3x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	**T167**
2 screwdrivers for slotted head screws, extra-short series ◖ 4x30 - 6,5x30 mm	1260N	**T167**
7 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 - PH3x150 mm	1262	**T168**
2 screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N	**T168**
4 offset hexagon key wrenches ○ 13-14-17-19 mm	96N	**T168**
1 tin snips 250 mm	1112	**T285**
1 electrician's scissors, straight blades	1128BM	**T285**
1 hacksaw frame, aluminium handle	1726	**T285**
(5) blades for hacksaw	1728BM	**T285**
1 plastic oil can 200 cc	1753	**T285**
1 half-round needle nose pliers 180 mm	1150BM	**T131**
1 extra long needle knurled nose pliers, bi-material handles ◖ 160 mm	1166BM	**T131**
1 heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM	**T131**
1 circlip pliers straight, internal ⊙ 180 mm	1032	**T145**
1 circlip pliers bent, internal ⊙ 170 mm	1034	**T145**

Quantity/Description	Beta N.	TR
1 circlip pliers straight, external ● 175mm	1036	**T145**
1 circlip pliers bent, external ● 175mm	1038	**T145**
2 flat chisels, ribbed type 100 - 200 mm	35	**T234**
1 engineer's hammer 300 g	1370	**T234**
1 soft face hammer Ø 35 mm	1390	**T234**
1 second cut files 200 mm	1719BMA8/S5	**T236**
4 combination wrenches 35-36-38-41 mm	42	
1 double open end wrenches 36x41 mm	55	
1 adjustable wrench 250 mm	111	
1 heavy duty pipe wrench 300 mm	362	
25 twist drills with cylindrical shanks, short series	412/SP25	
37 assortment of HSS taps and dies, metric thread	447/C37	
1 click type torque wrench 200 Nm	606/20	
17 assortment of 12 sockets and 5 accessories 3/4"	928A/C12	
14 T-handle wrenches with hexagon male ends	951/S14	
5 T handle wrenches with swivelling hexagon male ends ○ 3-4-5-6-8 mm	953	
1 circlip pliers straight, internal ⊙ 300 mm	1032	
1 circlip pliers bent, internal ⊙ 290 mm	1034	
1 circlip pliers straight, external ● 225 mm	1036	
1 circlip pliers bent, external ● 220 mm	1038	
1 Slip joint pliers boxed joints 300 mm	1048	
1 self locking pliers, double adjustment	1051	
1 toggle lever assisted end cutting nippers ⧓ 180 mm	1092V	
1 engineer's hammer 600 g	1370	
1 soft face hammer 60 mm	1390	
5 tapered extractors M3-M18	1430/S5	
1 two - leg universal puller	1500/3	
1 sliding gauge	1650	
1 semirigid stainless steel rule	1683	
1 engineer's scriber	1688	
1 measuring tape 5 m	1692	
1 metric feeler gauge	1708/13	
1 flexible magnetic pick-up tool	1712E/2	

5910VI/3T 059100062



3000S/VI3T
(C30S+5910VI/3T) 030000093

5953VI

Assortment of 137 tools

Industrial maintenance



22.5 kg

Quantity	Description	Beta N.
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 200 - 250 mm	35
18	combination wrenches 6÷14 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm	42
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
12	offset hexagon key wrenches O 2÷10 mm	96/SC12
1	adjustable wrench 250 mm	111
1	pipe wrench Swedish pattern 320 mm	374
20	1/2" square drive bi - hex sockets ○ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920B
6	1/2" drive, socket drivers for hexagon screws O 5 - 6 - 8 - 10 - 12 - 14 mm	920ME
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive swivel T-handle	920/40
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
6	T-handle wrenches with hexagon male ends O 2,5 - 3 - 4 - 5 - 6 - 8 mm	951
2	circlip pliers straight, internal ○ 140 - 180 mm	1032
1	circlip pliers bent, internal ○ 170 mm	1034
2	circlip pliers straight, external ● 140x1,3 - 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038

Quantity	Description	Beta N.
1	Slip joint pliers boxed joints 240 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	toggle lever assisted end cutting nippers ⧓ 180 mm	1092V
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
1	mains testing screwdriver ◐	1253
9	screwdrivers for cross head Phillips® screws ◐ 3x75 - 3,5X100 - 4x100 - 5,5x100 - 5,5x150 - 6,5X150 - 8X150 -10X200 - 12x250 mm	1260
2	screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N
8	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	engineer's hammer 300 - 500 g	1370
1	soft face hammer Ø 45 mm	1390
1	flexible magnetic pick-up tool 0,5 kg	1712E/1
5	second cut files 200 mm	1719BMA8/S5
1	hacksaw frame, aluminium handle	1726BM
1	plastic oil can 250 cc	1754

	5953VI	059530075
	**5300VI** (C53VI+5953VI)	053000015

5954VI

Assortment of 115 tools

Industrial maintenance



17 kg

Quantity	Description	Beta N.
2	drift punches Ø 2 - 3 mm	30
5	pin punches Ø 2 - 3 - 4 -5 - 6 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
1	cape chisels, standard type 150 mm	36
18	combination wrenches 6÷22 - 24 mm	42
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	55/S12X
12	offset hexagon key wrenches ○ 2÷10 mm	96/SC12
1	adjustable wrench 250 mm	111
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet ⚙	920/55
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 boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers ⧓ 160 mm	1082BM
1	tin snips 250 mm	1112

Quantity	Description	Beta N.
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◖ 160 mm	1166BM
1	bent needle nose pliers ◖ 200 mm	1168BM
5	screwdrivers for cross head Phillips® screws ◖ 3x75 - 4x125 - 5,5x125 - 6,5x150 - 10x200 mm	1260
1	screwdrivers for slotted head screws, extra-short series ◖ 4x30 mm	1260N
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1262
1	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 mm	1262N
1	engineer's hammer 400 g	1370
1	dead blow hammer Ø 35 mm	1392
1	puller with floating legs	1515/3
1	crimping pliers for insulated terminals	1602
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
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	plastic oil can 250 cc	1754

	5954VI	059540075
	**5400 O/VI** (C54VI O+5954VI)	054000150
	**5400 G/VI** (C54VI G+5954VI)	054000152
	**5400 R/VI** (C54VI R+5954VI)	054000154

Industrial maintenance



32 kg

Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
19	combination wrenches 6÷22 - 24 - 27 mm	42
12	double ended offset ring wrenches 6x7÷30x32 mm	90/S12X
12	offset hexagon key wrenches ○ 2÷10 mm	96/SC12
1	adjustable wrench 250 mm	111
13	1/2" square drive bi-hex sockets with rail ○ 10÷22 mm	920B/SB13
8	1/2" square drive bi-hex sockets with rail ○ 23÷32 mm	920B/SB8
4	1/2" socket drivers for slotted head screws ◐ 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3	1/2" socket drivers for Phillips® screws ✪ PH2 - 3 - 4	920PH
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive swivel handle	920/35A
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
1	pry bar	963
1	bent point tweezers 130 mm	991
1	straight large point tweezers 150 mm	994
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 boxed joints 250 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 250 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	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM

Quantity	Description	Beta N.
1	bent needle nose pliers ◐ 200 mm	1168BM
7	screwdrivers for cross head Phillips® screws ◐ 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 10x200 - 12x250 mm	1260
1	screwdrivers for slotted head screws with hexagon bolsters ◐ 12x250 mm	1260E
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1262
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
2	flat chisels, ribbed type 200 - 250 mm	35
1	cape chisel, ribbed type 200 mm	37
6	offset hexagon key wrenches, with high torque handles ○ 2÷6 mm	96T/S6
10	double ended hexagon/bi - hex offset socket wrenches 8 - 10 - 11 - 13 - 14 - 17 - 19 - 22 - 24 - 27 mm	932
1	circlip pliers straight, internal ○ 140 mm	1032
1	circlip pliers bent, internal ○ 130 mm	1034
1	circlip pliers straight, external ● 140x1,3 mm	1036
1	circlip pliers bent, external ● 135x1,3 mm	1038
1	self - locking pliers 280 mm	1060
1	self - locking pliers 290 mm	1062
1	engineer's hammer 1000 g	1370
1	dead blow hammer Ø 50 mm	1392
1	two - leg universal puller 25÷130 mm	1500N/2
1	sliding gauge	1650
1	semirigid stainless steel rule 300 mm	1683
1	engineer's scriber	1688A
1	metric feeler gauge	1708/13
1	fold - away knife	1777BM

	5957VI	059570027
	**5700 AO/VI** (C57S A/O+5957VI)	057001091
	**5700 BO/VI** (C57S B/O+5957VI)	057001093
	**5700 AG/VI** (C57S A/G+5957VI)	057001291
	**5700 BG/VI** (C57S B/G+5957VI)	057001293
	**5700 AR/VI** (C57S A/R+5957VI)	057001491
	**5700 BR/VI** (C57S B/R+5957VI)	057001493

5904VU/1M

assortment of 91 tools

Universal maintenance



Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M15
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17-18x19 - 20x22 mm	55	M33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	M33
7	screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 5,5x150 - 6,5x150 mm	1260	M199
6	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	M202
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
1	1/2” wobble extension bar 125 mm	920AN/125	M83
1	1/2” wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" drive reversible ratchet	920/55	M83
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83

Quantity	Description	Beta N.	TR
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084	M132
1	half-round needle nose pliers 〓 180 mm	1150	M132
1	screwdrivers for slotted head screws ◐ 160 mm	1166	M132
1	Slip joint pliers boxed joints 250 mm	1048	M153
1	self - locking pliers 240 mm	1052	M153
2	flat chisels, ribbed type 100 - 200 mm	35	M234
1	engineer’s hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234
1	circlip pliers straight, internal ⊙ 180 mm	1032	M145
1	circlip pliers bent, internal ⊙ 170 mm	1034	M145
1	circlip pliers straight, external ● 175 mm	1036	M145
1	circlip pliers bent, external ● 175 mm	1038	M145

	5904VU/1M	059040201
	**2400S5-O/VU1M** (C24S5/ O+5904VU/1M)	024002517
	**2400S5-G/VU1M** (C24S5/G+5904VU/1M)	024002518
	**2400S5-R/VU1M** (C24S5/R+5904VU/1M)	024002519

5904VU/2M

assortment of 152 tools

Universal maintenance



Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M15
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17-18x19 - 20x22 mm	55	M33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	M33
7	screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1260	M199
6	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1262	M202
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
1	1/2” wobble extension bar 125 mm	920AN/125	M83
1	1/2” wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" drive reversible ratchet	920/55	M83
19	1/2" square drive hexagon sockets ◌ 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	heavy duty diagonal cutting nippers 160 mm	1084	M132
1	half-round needle nose pliers 180 mm	1150	M132
1	screwdrivers for slotted head screws ◐ 160 mm	1166	M132
1	Slip joint pliers boxed joints 250 mm	1048	M153
1	self - locking pliers 240 mm	1052	M153
2	flat chisels, ribbed type 100 - 200 mm	35	M237
1	mechanic's hammers 300 g	1370T	M237
1	nylon face hammers, wooden shafts Ø 35 mm	1390N	M237

Quantity	Description	Beta N.	TR
1	circlip pliers straight, internal ○ 180 mm	1032	M145
1	circlip pliers bent, internal ○ 170 mm	1034	M145
1	circlip pliers straight, external ● 175 mm	1036	M145
1	circlip pliers bent, external ● 175 mm	1038	M145
6	drivers for Torx® head screws ✪ T8-T10-T15-T20-T25-T30	1267TX	M204
1	measuring tape 5 m	1692	M289
1	mini hacksaw frame	1725CR	M289
1	plastic oil bottle 30 cc	1755	M289
1	snap - off blade utility knife	1771	M289
5	bits for slotted head screws, coloured ◐ 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	M85
8	hexagon bits for power drivers, coloured ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	M85
5	bits for cross head Phillips® screws, coloured ✪ PH0 - PH1 - PH2 - PH3 - PH4	860PH	M85
4	bits for cross head Pozidriv® - Supadriv® screws, coloured ✪ PZ1 - PZ2 - PZ3 - PZ4	860PZ	M85
10	bits for Torx® head screws, coloured ✪ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	M85
8	bits for Tamper Resistant Torx® head screws, coloured ✪ T9-T10-T15-T20-T25-T27-T30-T40	860RTX	M85
1	magnetic bit holder with handle 230 mm	851SR	M85
1	reversible bit ratchet 100 mm	860/55	M85
1	adaptors for drivers	892/0	M85
1	magnetic bit holder extension bar	882P	M85

5904VU/2M		059040202
	**2400S7-O/VU2M** (C24S7/O+5904VU/2M)	024002744
	**2400S7-G/VU2M** (C24S7/G+5904VU/2M)	024002745
	**2400S7-R/VU2M** (C24S7/R+5904VU/2M)	024002746
	**3900 O-7/VU2M** (C39 O/7+5904VU/2M)	039000154
	**3900 G-7/VU2M** (C39 G/7+5904VU/2M)	039000155
	**3900 R-7/VU2M** (C39 R/7+5904VU/2M)	039000156

Universal maintenance



Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	**T15**
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T16**
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	**T31**
1 centre punch Ø 4 mm	32	**T31**
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	**T31**
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	**T31**
6 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	**T52**
6 drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	**T55**
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1 1/2" drive extension bar 125 mm	920/21	**T80**
1 1/2" drive extension bar 255 mm	920/22	**T80**
1 1/2" drive universal joint	920/25	**T80**
1 1/2" drive sliding T-handle	920/42	**T80**
1 1/2" drive reversible ratchet	920/55	**T80**
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
13 1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	**T91**
6 1/4" socket drivers for hexagon screws ○ 2,5-3-4-5-6-8 mm	900ME	**T91**
1 1/4" drive extension bar 50 mm	900/20	**T91**
1 1/4" drive extension bar 150 mm	900/21	**T91**
1 1/4" drive universal joint	900/25	**T91**
1 1/4" drive spinner handle	900BG/30	**T91**
1 1/4" drive swivel T-handle 115 mm	900/42	**T91**

Quantity/Description	Beta N.	TR
1 1/4" reversible ratchet	900/55	**T91**
1 circlip pliers straight, internal 180 mm	1032	**T145**
1 circlip pliers bent, internal 170 mm	1034	**T145**
1 circlip pliers straight, external 175 mm	1036	**T145**
1 circlip pliers bent, external 175 mm	1038	**T145**
1 half-round needle nose pliers 180 mm	1150	**T132**
1 screwdrivers for slotted head screws 160 mm	1166	**T132**
1 heavy duty diagonal cutting nippers 160 mm	1084	**T132**
1 Slip joint pliers boxed joints 250 mm	1048	**T153**
1 self - locking pliers 240 mm	1052	**T153**
4 screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260	**T198**
3 screwdrivers for cross head Pozidriv®-Supadriv® screws PZ0 - PZ1 - PZ2	1269PZ	**T198**
7 drivers for Torx® head screws ✪ T6-T7-T8-T9-T10-T15-T20	1267TX	**T205**
2 flat chisels, ribbed type 100 - 200 mm	35	**T234**
1 engineer's hammer 300 g	1370	**T234**
1 soft face hammer Ø 35 mm	1390	**T234**
5 second cut files 200 mm	1719BMA8/S5	**T236**

	5904VU/3T	059040203
	**2400S7-O/VU3T** (C24S7/O+5904VU/3T)	024002747
	**2400S7-G/VU3T** (C24S7/G+5904VU/3T)	024002748
	**2400S7-R/VU3T** (C24S7/R+5904VU/3T)	024002749

5915VU/0

Assortment of 35 tools

Universal use



Quantity/Description	Beta N.
1 centre punch 4 mm	32
1 flat chisels, ribbed type 125 mm	35
8 double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55
7 Offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6 mm	96/BGS7
1 adjustable wrench 150 mm	111
1 Slip joint pliers boxed joints 250 mm	1048
1 diagonal cutting nippers ⧓ 160 mm	1082
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers 〓 180 mm	1150

Quantity/Description	Beta N.
1 screwdrivers for slotted head screws ◐ 160 mm	1166
4 screwdrivers for cross head Phillips® screws ◑ 3x75-4x100-5,5x100-6,5x150 mm	1201
3 screwdrivers for cross head Phillips® screws ✪ PH0x60-PH1x80-PH2x100 mm	1202
1 engineer's hammer 300 g	1370
1 measuring tape 3 m	1692/3
1 snap - off blade utility knife 18 mm	1771
1 car service knife	1778SOS
1 high-brightness LED torch	1834PS

	5915VU/0	059150121
	**2105 VU/0** (C5+5915VU/0)	021050121
	**2106T VU/0** (C6T+5915VU/0)	021060121
	**2104 VU/0** (C4+5915VU/0)	021040121

5915VU/1

Assortment of 45 tools

Universal use



5 kg

Quantity	Description	Beta N.
2	drift punches Ø 2-3 mm	30
1	centre punch Ø 4 mm	32
2	flat chisels 125-150 mm	34
1	cape chisels, standard type 150 mm	36
14	combination wrenches 6÷14 - 17 - 19 - 21 - 22 - 24 mm	42
9	offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
1	adjustable wrench 250 mm	111
1	Slip joint pliers boxed joints 250 mm	1048
1	diagonal cutting nippers 160 mm	1082
1	electrician's scissors, straight blades	1128BMX

Quantity	Description	Beta N.
1	half-round needle nose pliers 180 mm	1150
1	screwdrivers for slotted head screws 160 mm	1166
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202
1	engineer's hammer 300 g	1370
1	measuring tape 5 m	1692
1	snap - off blade utility knife	1771

	5915VU/1	059150124
	**2109VU/1** (C9+5915VU/1)	021090021
	**2110VU/1** (C10+5915VU/1)	021100021
	**2117PVU/1** (CP17+5915VU/1)	021170041
	**2117PLVU/1** (CP17L+5915VU/1)	021170141
	**2118VU/1** (C18+5915VU/1)	021180031
	**2110SVU/1** (C10S+5915VU/1)	021100101
	**2111VU/1** (C11+5915VU/1)	021110101
	**2116VU/1** (C16+5915VU/1)	021160101
	**2115P VU/1** (CP15+5915VU/1)	021150231
	**2115P L-VU/1** (CP15L+5915VU/1)	021150241

5915VU/2

Assortment of 49 tools

Universal use



Quantity/Description	Beta N.
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 -14x15 16x17 - 18x19 - 20x22 mm	55/B8
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
13 1/4" hexagon sockets ◎ 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	900
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

Quantity/Description	Beta N.
1 Slip joint pliers boxed joints 250 mm	1048
1 electrician's scissors, straight blades	1128BMX
1 half-round needle nose pliers ═ 180 mm	1150
4 screwdrivers for cross head Phillips® screws ◐ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201
3 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202
1 engineer's hammer 300 g	1370
1 measuring tape 3 m	1692
1 plastic oil bottle 30 cc	1755
1 snap - off blade utility knife 18 mm	1771

5915VU/2	059150127	
2120VU/2 (C20+5915VU/2)	021200016	
2120LVU/2 (C20L+5915VU/2)	021200116	
2115P VU/2 (CP15+5915VU/2)	021150233	
2107 VU/2 (C7+5915VU/2)	021070102	

5915VU/3

assortment of 74 tools

Universal use



8.1 kg

Quantity	Description	Beta N.
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
14	combination wrenches 6÷17 - 19 - 22 - 24 mm	42
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
3	offset hexagon key wrenches ○ 4 - 5 - 6 mm	96T
1	adjustable wrench 250 mm	111
13	1/2" square drive hexagon sockets ◎ 8÷17 - 19 - 22 - 24 mm	920A
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
8	double ended hexagon tubular socket wrenches, light series 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	935
2	tommy bars for tubular wrenches	940
1	slip joint pliers 250 mm	1048V

Quantity	Description	Beta N.
1	self - locking pliers 240 mm	1052
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	extra long needle knurled nose pliers, bi-material handles 160 mm	1166BM
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202
1	engineer's hammer 400 g	1370
1	measuring tape 5 m	1692
1	hacksaw frame, aluminium handle	1726
1	plastic oil bottle 150 cc	1755
1	snap - off blade utility knife	1771

	5915 VU5	059150128
	**2109VU/3** (C9+5915VU/3)	021090124
	**2110VU/3** (C10+5915VU/3)	021100024
	**2117PVU/3** (CP17+5915VU/3)	021170044
	**2117PLVU/3** (CP17L+5915VU/3)	021170144

	**2119VU/3** (C19+5915VU/3)	021190024
	**2119L-VU/3** (C19L+5915VU/3)	021190124
	**2120VU/3** (C20+5915VU/3)	021200028
	**2120L-VU/3** (C20L+5915VU/3)	021200128
	**2110SVU/3** (C10S+5915VU/3)	021100104

	**2111VU/3** (C11+5915VU/3)	021110104
	**2116VU/3** (C16+5915VU/3)	021160104
	**2115P L-VU/3** (CP15L+5915VU/3)	021150244
	**2107 VU/3** (C7+5915VU/3)	021070104

5915VU/4

Assortment of 80 tools

Universal use



11.2 kg

Quantity	Description	Beta N.
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
15	combination wrenches 6÷17 - 19 - 22 - 24 mm	42
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
1	adjustable wrench 250 mm	111
13	1/2" square drive hexagon sockets ◎ 8÷17 - 19 - 22 - 24 mm	920A
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
17	double ended hexagon/bi - hex offset socket wrenches 6÷22 mm	932/S17
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052

Quantity	Description	Beta N.
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	extra long needle knurled nose pliers, bi-material handles ◖ 160 mm	1166BM
4	screwdrivers for cross head Phillips® screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202
1	riveting hammer 32 mm	1370F
1	measuring tape 5 m	1692
1	hacksaw frame, aluminium handle	1726
1	plastic oil bottle 150 cc	1755
1	snap - off blade utility knife	1771

	5915VU/4	059150145
	**2120VU/4** (C20+5915VU/4)	021200018
	**2120LVU/4** (C20L+5915VU/4)	021200118

5915VU/5

assortment of 111 tools

Universal use



Quantity	Description	Beta N.
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
17	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm	42
8	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22 mm	55/S8
1	adjustable wrench 250 mm	111
9	ball head offset hexagon key wrenches	96BPC/SC9
39	11 hexagon sockets, 20 bits and 8 accessories	900/C11
13	11 sockets and 2 accessories	920A/C11
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers 160 mm	1082

Quantity	Description	Beta N.
1	construction worker's pincers 220 mm	1098
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150
1	screwdrivers for slotted head screws 160 mm	1166
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 3 m	1692/3
1	second cut files	1719BMA8/M
1	hacksaw frame, aluminium handle 440 mm	1726
1	snap - off blade utility knife 18 mm	1771BM
1	LED inspection torch	1835/2

5915 VU/5 059150156



2112VU/5 021120156
(C12+5915VU/5)

5915VU/AS

assortment of 68 tools

Universal use



9.3 kg

Quantity	Description	Beta N.
1	pin punches Ø 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
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”	42AS
8	double ended offset ring wrenches 1/4”÷1”	90AS/8
9	○ 3/64”÷3/8”	96AS/SC9
1	adjustable wrench 250 mm	111
11	1/2” square drive bi - hex sockets ○ 3/8 - 7/16 - 1/2 - 9/16 - 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1”	920AS
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	slip joint pliers 250 mm	1048V

Quantity	Description	Beta N.
1	self - locking pliers 240 mm	1052
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	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
4	screwdrivers for cross head Phillips® screws ◐ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202
1	engineer’s hammer 300 g	1370
1	measuring tape 5 m	1692
1	hacksaw frame, aluminium handle	1726
1	plastic oil bottle 150 cc	1755
1	snap - off blade utility knife	1771

	5915VU/AS	059150132
	**2110VU/AS** (C10+5915VU/AS)	021100026
	**2120-VU/AS** (C20+5915VU/AS)	021200021
	**2120L-VU/AS** (C20L+5915VU/AS)	021200121

5927VU/M

assortment of 108 tools in soft foam tray



MC10



MC20

Quantity	Description	Beta N.	TR
16	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22 mm	42	MC10
9	offset hexagon key wrenches ○ 1,5-2-2,5-3-4-5-6-8-10 mm	96/SC9	MC10
1	heavy duty diagonal cutting nippers ◪ 160 mm	1084BM	MC10
1	half-round needle nose pliers 180 mm	1150BM	MC10
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	MC10
3	screwdrivers for cross head Phillips® screws ◐ 3,5x100-5,5x150-6,5x150 mm	1201	MC10
3	screwdrivers for cross head Phillips® screws ✪ PH0x3x60-PH1x4,5x80-PH2x6x100 mm	1202	MC10
31	bits with magnetic quick release bit holder in plastic case ◐ ○ ✪ ✪ ✪	860MIX/A31	MC20
1	Slip joint pliers boxed joints 250 mm	1048	MC20
1	engineer's hammer 300 mm	1370	MC20
1	centre punch 4 mm	32	MC20

Quantity	Description	Beta N.	TR
1	cape chisels, standard type 4 mm	36	MC20
13	1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	MC20
1	1/4" drive extension bar 150 mm	900/21	MC20
1	1/4" drive universal joint	900/25	MC20
1	1/4" drive spinner handle	900BG/30C	MC20
1	1/4" drive swivel T-handle	900/42	MC20
1	1/4" reversible ratchet ⓡ	900/55	MC20
16	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm	920A	MC20
1	1/2" drive universal joint	920/25	MC20
1	1/2" wobble extension bar 125 mm	920AN/125	MC20
1	1/4" drive swivel T-handle	900/42	MC20
1	1/4" reversible ratchet ⓡ	900/55	MC20
1	socket holder	895/1	MC20

5927VU/M		059270021
	**2700 S-O/VUM** (C27S O+5927VU/M)	027000221
	**2700S-G/VUM** (C27S G+5927VU/M)	027000222

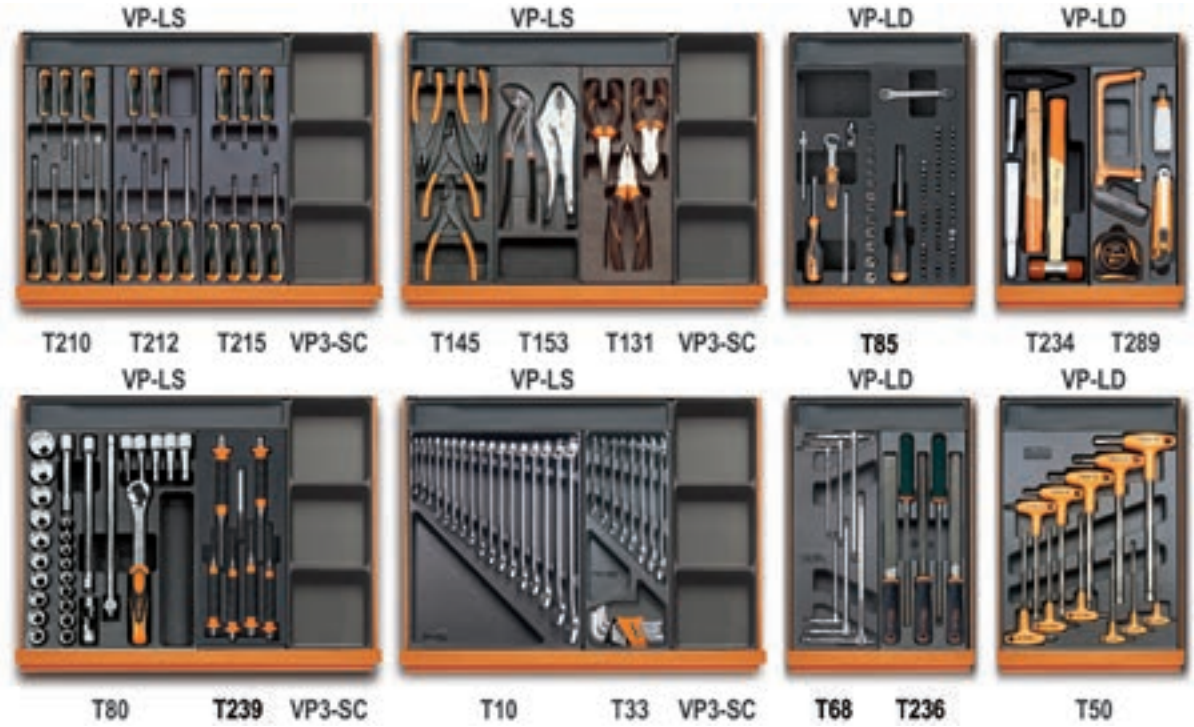
	**2700S-R/VUM** (C27S R+5927VU/M)	027000223
	**2200S-O/VUM** (C22S-O+5927VU/M)	022000221
	**2200S-G/VUM** (C22S-G+5927VU/M)	022000222

	**2200S-R/VUM** (C22S-R+5927VU/M)	022000223

5938U/2T

assortment of 210 tools

Universal maintenance



Quantity/Description	Beta N.	TR
7 screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 5,5x100 - 5,5x150 - 6,5x150 mm	1201	T210
6 screwdrivers for cross head Phillips® screws ✪ PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm	1202	T212
7 drivers for Torx® head screws, with handles ✪ T6-T7-T8-T9-T10-T15-T20	1207TX	T215
1 circlip pliers straight, internal ○ 180 mm	1032	T145
1 circlip pliers bent, internal ○ 170 mm	1034	T145
1 circlip pliers straight, external ● 175 mm	1036	T145
1 circlip pliers bent, external ● 175 mm	1038	T145
1 Slip joint pliers boxed joints 240 mm	1048	T153
1 self - locking pliers 240 mm	1052	T153
1 heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM	T131
1 half-round needle nose pliers 180 mm	1150BM	T131
1 extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	T131
1 reversible ratcheting wrench for bits 1/4x5/16	194	T85
13 1/4" hexagon sockets ◎ 4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm	900	T85
1 1/4" reversible ratchet ⓡ 125 mm	900/55	T85
1 1/4" drive swivel T-handle 115 mm	900/42	T85
1 1/4" drive spinner handle 176 mm	900BG/30	T85
1 1/4" drive universal joint 41 mm	900/25	T85
1 1/4" drive extension bar 150 mm	900/21	T85
1 magnetic bit holder with handle 230 mm	851SR	T85
5 bits for Spanner screws ◑ 4-6-8-10-12 mm	861SP	T85
8 bits for Torq-Set® head screws ✪ 0-1-2-3-4-5-6-8 mm	861TQS	T85
6 bits for Tri-Wing® head screws ✪ 1-2-3-4-5-6 mm	861TRW	T85
8 bits for Tamper Resistant Torx® head screws ✪ T9-T10-T15-T20-T25-T27-T30-T40	861RTX	T85
11 bits for Torx® head screws ✪ T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	861TX	T85

Quantity/Description	Beta N.	TR
3 bits for cross head Pozidriv®-Supadriv® screws ✪ PZ1 - PZ2 - PZ3	861PZ	T85
4 bits for cross head Phillips® screws ✪ PH0 - PH1 - PH2 - PH3	861PH	T85
8 hexagon bits for power drivers ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	861PE	T85
7 bits for slotted head screws ◐ 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm	861LP	T85
2 flat chisels, ribbed type 100 - 200 mm	35	T234
1 engineer's hammer 300 g	1370	T234
1 soft face hammer Ø 35 mm	1390	T234
1 measuring tape 5 m	1692	T289
1 mini hacksaw frame	1725CR	T289
1 plastic oil bottle	1755	T289
1 snap - off blade utility knife	1771	T289
19 1/2" square drive hexagon sockets ◎ 10 - 11 - 12÷19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 30 - 32 mm	920A	T80
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1 1/2" drive extension bar 125 mm	920/21	T80
1 1/2" drive extension bar 255 mm	920/22	T80
1 1/2" drive universal joint	920/25	T80
1 1/2" drive sliding T-handle	920/42	T80
1 1/2" drive reversible ratchet ⓡ	920/55	T80
1 centre punch Ø 4 mm	32	T239
6 pin punches with handles 2-3-4-5-6-8 mm	31BM	T239
17 combination wrenches 6-7-8-10-11-12-13-14-16-17-18-19-21-22-24-27-30 mm	42	T10
8 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
9 offset hexagon key wrenches ○	96/SC9	T33
6 T-handle wrenches with hexagon male ends ○ 2,5 - 3 - 4 - 5 - 6 - 8 mm	951	T68
5 second cut files 200 mm	1719BMA8/S5	T236
11 offset hexagon key wrenches ○ 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 6 mm	96T	T50
4 thermoformed trays, empty	VP-3SC	VP-3SC
4 thermoformed trays, empty	VP-LS	VP-LS
4 thermoformed trays, empty	VP-LD	VP-LD

	5938U/2T	059380062
	3800 O/U2T (C38 O+5938U/2T)	038000068
	3800 G/U2T (C38 G+5938U/2T)	038000069
	3800 R/U2T (C38 R+5938U/2T)	038000070

5955U

assortment of 113 tools

Universal use



Quantity	Description	Beta N.
2	drift punches 2 - 3 mm	30
1	centre punch 4 mm	32
2	flat chisels 125 - 150 mm	34
1	cape chisels, standard type 150 mm	36
18	combination wrenches 6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24 mm	42
12	double open end wrenches 6x7-8x9-10x11-12x13-14x15-16x17-18x19-20x22-21x23-24x27-25x28-30x32 mm	55
11	offset hexagon key wrenches ○ 2-2,5-3-3,5-4-4,5-5-6-7-8-10 mm	96T/SP11
8	offset key wrenches, for Torx® head screws ✪ T9-T10-T15-T20-T25-T27-T30-T40	97TX/SC8
1	250 mm	111G
21	1/2" square drive hexagon sockets ◎ 10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-30-32 mm	920A
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	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	diagonal cutting nippers ⧓ 160 mm	1082BM
1	toggle lever assisted end cutting nippers ⧓ 200 mm	1092V
1	tin snips 200 mm	1112
1	electrician's scissors, straight blades	1128BMX

Quantity	Description	Beta N.
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
7	screwdrivers for cross head Phillips® screws ◐ 2,5x75 - 3x75 - 4x125 - 5,5x100 - 6,5x150 - 8x200 - 10x200 mm	1260
4	screwdrivers for cross head Phillips® screws ✪ PH0x60- PH1x80 - PH2x100 - PH3x150 mm	1262
1	engineer's hammer 400 g	1370
1	soft face hammer 35	1390
1	sliding gauge	1650
5	files	1719BMA/S5
1	hacksaw frame, aluminium handle 440 mm	1726
1	snap - off blade utility knife	1771BM
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

5955 U	059550000

5957U

Assortment of 132 tools

Universal use



21.3 kg

Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
19	combination wrenches 6÷22 - 24 - 27 mm	42
12	double ended offset ring wrenches 6x7÷30x32 mm	90/S12X
12	offset hexagon key wrenches 2÷10 mm	96/SC12
1	adjustable wrench 250 mm	111
13	1/2" square drive bi-hex sockets with rail 10÷22 mm	920B/SB13
8	1/2" square drive bi-hex sockets with rail 23÷32 mm	920B/SB8
4	1/2" socket drivers for slotted head screws 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3	1/2" socket drivers for Phillips® screws PH2 - 3 - 4	920PH
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive swivel handle	920/35A
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
1	pry bar	963
1	bent point tweezers 130 mm	991
1	straight large point tweezers 150 mm	994
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

Quantity	Description	Beta N.
1	Slip joint pliers boxed joints 250 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 250 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	extra long needle knurled nose pliers, bi-material handles 160 mm	1166BM
1	bent needle nose pliers 200 mm	1168BM
7	screwdrivers for cross head Phillips® screws 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 10x200 - 12x250 mm	1260
1	screwdrivers for slotted head screws with hexagon bolsters 12x250 mm	1260E
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751

	5957U	059570026
	**5700SP O/U** (C57SP O+5957U)	057001075
	**5700SP G/U** (C57SP G+5957U)	057001275
	**5700SP R/U** (C57SP R+5957U)	057001475

5958U

Assortment of 86 tools

Universal use



11.3 kg

Quantity	Description	Beta N.
18	combination wrenches 5,5÷22 mm	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 boxed joints 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
1	half-round needle nose pliers 180 mm	1150BM

Quantity	Description	Beta N.
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
7	screwdrivers for cross head Phillips® screws ◐ 3x75 - 3,5x100 - 4x125 5,5x150 - 6,5x150 - 8x200 - 10x200 mm	1260
4	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262/S4
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
	**5800 P-O** (C58P O+5958U)	058000181
	**5800 P-G** (C58P G+5958U)	058000182
	**5800 P-R** (C58P R+5958U)	058000183

5980ET/A

assortment of 69 tools

Electrotechnical maintenance



7.9 kg

Quantity	Description	Beta N.
1	centre punch Ø 4 m	32
2	flat chisels, ribbed type 125 - 200 mm	35
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8
8	○ 1,5÷12 mm	96LC/SC8
1	adjustable wrench 200 mm	111
10	bits with magnetic bit holder in plastic case ◐ ✪ ✪	860MIX/A10
1	slip joint pliers, boxed joint 250 mm	1048MQ
1	diagonal cutting nippers 160 mm	1082BM
1	electrician's scissors, straight blades, with countersink	1128BSX
1	cable cutter 170 mm	1132BM
1	wire stripping pliers 160 mm	1142BM
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM
1	bent needle nose pliers ◐ 160 mm	1168BM
1	screwholding screwdriver for slotted head screws ◐ 4x125 mm	1250
1	screwholding screwdriver for cross head Phillips® screws ✪ PH1x150 mm	1251

Quantity	Description	Beta N.
1	mains testing screwdriver ◐	1253
5	screwdrivers for cross head Phillips® screws ◐ 2,5x75 - 3,5x100 - 5,5x125 - 6,5x150 mm	1201
1	◐ 4x30 mm	1201N
4	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x120 - PH2x150 - PH3x150 mm	1202
1	✪ PH2x30 mm	1202N
4	screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5	screwdrivers for headless slotted screws, 1000V ◐ 5,5x125 - 3x100 - 4x100 - 6,5x150 - 8x175 mm	1274MQ
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	crimping pliers for insulated terminals	1602
1	friction tape 25 m	1639NS-N
1	measuring tape 5 m	1692
1	files 200 mm	1719BMA/M
1	files 200 mm	1719BMA/R
1	hacksaw frame, aluminium handle	1725
1	fold - away knife	1777BM



5980ET/A 059800262

2032ET/A 020320118
(2032/VV+5980ET/A)



2032TET/A 020320228
(2032/TV+5980ET/A)

2112ET/A 021120128
(C12+5980ET/A)

Electrotechnical maintenance



3.7 kg

Quantity	Description	Beta N.
3	pin punches Ø 2 - 3 - 4 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55/B8
9	ball head offset hexagon key wrenches O 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96BPC/SC9
1	deburrer 150 mm	345SB
6	hexagon nut spinners with handles 1000V ◌ 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ/S6
1	slip joint pliers, boxed joint 250 mm	1048MQ
1	diagonal cutting nippers 1000V 160 mm	1082MQ
1	electrician's scissors, straight blades, with countersink	1128BSX
1	cable cutter 230 mm	1132MQ
1	wire stripping pliers 160 mm	1142MQ
1	combination pliers 1000V 180 mm	1150MQ
1	extra long needle nose pliers, 1000V, 160 mm	1166MQ
1	mains testing screwdriver	1253
3	screwdrivers for cross head Phillips® screws, 1000V PH0x60 - PH1x80 - PH2x100 mm	1272MQ
4	screwdrivers for headless slotted screws, 1000V 3x100 - 4x100 - 5,5x125 - 6,5x150 mm	1274MQ

Quantity	Description	Beta N.
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	crimping pliers for insulated terminals	1602
1	flexible graduated rule 250 mm	1682
1	engineer's scriber 250 mm	1688
1	measuring tape 5 m	1692
1	spirit level, made of aluminium 200 mm	1696
1	electrician's chisel 10x200 mm	1701NE/3
1	chalk line reel	1705
1	square flexible inspection mirror 600 mm	1715FL/A
1	files 200 mm	1719BMA/M
1	second cut files 200 mm	1719BMA/R
1	spring puller	1723
1	hacksaw frame, aluminium handle	1726BM
1	bristle brush	1738
1	fitting tool for nylon ties	1743
1	plastic oil bottle 80 cc	1755
100	nylon cable ties 3,6x200 mm	1748/8K
100	nylon cable ties 4,8x300 mm	1748/17K
1	snap - off blade utility knife	1771BM
1	soldering iron 30 W	1814M
1	LED inspection torch	1835/2

5980ET/B 059800263



2112ET/B 021120129
(C12+5980ET/B)



2029ET/B 020290221
(2029/VV+5980ET/B)



2033P ET/B 020330127
(2033P/VV+5980ET/B)



2036ET/B 020360123
(2036/TV+5980ET/B)

5980/MQ

assortment of 46 tools

Electrotechnical maintenance



7 kg

Quantity/Description	Beta N.
7 single open end wrenches, 1000V 10 - 12 - 13 - 14 - 17 - 19 - 22 mm	52MQ
1 adjustable wrench, 1000V 250 mm	110MQ
6 hexagon nut spinners with handles 1000V ◌ 5,5 - 6 - 7 - 8 - 10 - 13 mm	943MQ
4 T-handle wrenches with hexagon male ends ○ 4 - 5 - 6 - 8 mm	951MQ
1 slip joint pliers, boxed joint	1048MQ
1 diagonal cutting nippers 1000V ⧓ 160 mm	1082MQ
1 electrician's scissors	1128MQ
1 wire stripping pliers ⧓ 160 mm	1142MQ
1 combination pliers 1000V 〓 180 mm	1150MQ
1 extra long needle nose pliers, 1000V, ◖ 160 mm	1166MQ
1 mains testing screwdriver ◖	1253

Quantity/Description	Beta N.
4 screwdrivers for cross head Phillips® screws, 1000V ✪ PH0x60 - PH1x80 - PH2x100 - PH3x150 mm	1272MQ
5 screwdrivers for headless slotted screws, 1000V ◖ 3x100 - 4x100 - 5,5x125 - 6,5x150 - 8x175 mm	1274MQ
1 soft face hammer Ø 35 mm	1390
1 mini - hacksaw frame, 1000V	1725MQ
1 utility knife, 1000V	1777MQ
1 soldering iron 30 W	1814M
1 combination voltage and continuity tester	1847P
1 extra-long bent flat nose pliers 〓 160 mm	1164MQ
1 engineer's hammer 300 g	1370
1 measuring tape 5 m	1692
1 electrician's chisel 200 mm	1701NE/3
1 high-brightness LED torch	1834PS

5980/MQ	059800256
2029BG-MQ (2029/VV+5980/MQ)	020290256

Electronics



Quantity	Description	Beta N.
13	small double open end wrenches 4÷14 mm	73/B13
9	offset hexagon key wrenches O 1,5÷10 mm	96N/SC9
1	bent point tweezers 130 mm	991
1	straight thin knurled point pin spring tweezers 150 mm	992
1	cross tweezers 155 mm	998
1	electrician's scissors, straight blades, with countersink	1128BSX
1	wire stripping pliers 160 mm	1142BM
1	extra long needle knurled nose pliers, bi-material handles 160 mm	1166BM
1	flat nose pliers	1172BM
1	smooth half - round long bent needle nose pliers	1178BM/P
1	combination pliers	1178BM
1	diagonal flush cutting nippers	1185BM
1	diagonal cutting nippers	1188BM
1	screwholding screwdriver for slotted head screws 4x125 mm	1250
1	screwholding screwdriver for cross head Phillips® screws PH0x125 mm	1251
8	micro-screwdrivers	1257LPH /S8
1	engineer's hammer 200 g	1370
1	measuring tape 5 m	1692
1	telescopic joint inspection mirror	1715
3	needle files	1720/S3
1	spring puller	1723
1	bristle brush	1738
1	pen oiler	1756
1	snap - off blade utility knife	1771
1	self - locking tool	1779
1	soldering iron 25 W	1814M
1	de - soldering pump	1830T
1	LED inspection torch	1835/2

	5980 EL/A	059800241
	**2032EL/A** (2032/VV+5980EL/A)	020320114
	**2033P EL/A** (2033P/VV+5980EL/A)	020330114
	**2032TEL/A** (2032/TV+5980EL/A)	020320214

5980EL/B

assortment of 98 tools

Electronics



Quantity	Description	Beta N.
13	small double open end wrenches 4÷14 mm	73/B13
9	offset hexagon key wrenches ○ 1,5÷10 mm	96/SC9
8	offset key wrenches for Torx® head screws ✪ T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40	97TX/BG8
1	adjustable wrench 150 mm	111
18	set of 13 hexagon sockets and 5 accessories, 1/4" square drive	900/C13-5
1	straight thin knurled point spring tweezers 130 mm	990
1	bent point tweezers 130 mm	991
1	extra slim short end spring tweezers 120 mm	999A
1	electrician's scissors, straight blades	1128BMX
1	front wire stripping pliers, self - adjusting 170 mm	1149F
1	half-round needle nose pliers 180 mm	1150BM
1	flat nose pliers 〓 140 mm	1172BM
1	smooth half - round long needle nose pliers ◖ 140 mm	1177BM
1	smooth half - round long bent needle nose pliers ◖ 140 mm	1178BM/P
1	diagonal flush cutting nippers, rounded tips ⟨ 120 mm	1184BM
1	diagonal flush cutting nippers, slim tips ⟨ 120 mm	1186BM
1	end flush oblique cutting nippers ⟨	1191BM
8	micro-screwdrivers	1257LPH/S8
1	mains testing screwdriver ◖	1253
1	screwdriver for slotted head screws, extra-short series ◖ 6,5x30 mm	1290N
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1292
2	screwdriver for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1292N
5	screwdrivers for headless slotted screws ◖ 2,5x60 - 3x75 - 4x100 - 5x125 - 6,5x150 mm	1294
1	engineer's hammer 200 g	1370
1	flexible graduated rule 150 mm	1682
1	engineer's scriber 220 mm	1688
1	measuring tape 5 m	1692
1	telescopic joint inspection mirror 670 mm	1715
1	needle files ●	1720R
1	needle files ▲	1720T
1	needle files ▮	1720P
1	spring puller	1723
1	bristle brush	1738
1	pen oiler	1756
1	snap - off blade utility knife	1771BM
1	fold - away knife	1777BM
1	self - locking tool	1779
1	soldering iron 25W	1814M
1	de - soldering pump	1830T
1	LED inspection torch	1835/2

	5980 EL/B	059800242
	**2029EL/B** (2029/VV+5980EL/B)	020290217
	**2033P EL/B** (2033P/VV+5980EL/B)	020330115
	**2036 EL/B** (2036/TV+5980EL/B)	020360118

Plumbing maintenance



11.6 kg

Quantity	Description	Beta N.
1	flat chisels 150 mm	34
1	flat chisels, ribbed type 200 mm	35
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	55/S12X
1	adjustable wrench 250 mm	111
1	pipe cutter for copper and light alloy pipes Ø 3÷30 mm	334
1	pipe wrench Swedish pattern 320 mm	374
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	tin snips 300 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
4	screwdrivers for cross head Phillips® screws ◐ 3x75 - 4x100 - 5,5x150 - 8x150 mm	1201
2	screwdrivers for cross head Phillips® screws ✪ PH1x80 - PH2x100 mm	1202
1	engineer's hammer 300 g	1370
1	measuring tape, made of fibre 2 m	1690F
1	measuring tape 5 m	1692
1	spirit level, made of aluminium 200 mm	1696A
1	second cut files 200 mm	1719BMA/M
1	hacksaw frame, aluminium handle	1725
1	brake shoe cleaning brush plastic handle steel wires	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.
2	drift punches Ø 3 - 4 mm	30
2	pin punches Ø 6 - 8 mm	31
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 150 - 200 mm	35
18	combination wrenches 6÷14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 - 36 - 41 mm	42
10	double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm	90
10	offset hexagon key wrenches ○ 1,5÷12 mm	96N/B10
17	1/2" square drive hexagon sockets ◎ 10÷22 - 24 - 27 - 30 - 32 mm	920A
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive push-through square ratchet ⓡ	920/50
11	3/4" square drive hexagon socket ◎ 22 - 24 - 27 - 30 - 32 - 36 - 41 - 46 - 50 - 55 - 60 mm	928A
1	3/4" drive extension bar 200 mm	928/21
1	3/4" drive swivel handle	928/36A
1	3/4" drive sliding T - handle	928/42
1	3/4" drive reversible ratchet ⓡ	928/55

Quantity	Description	Beta N.
1	pry bar	964
1	Slip joint pliers boxed joints 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	extra long needle knurled nose pliers, bi-material handles ◖◗ 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	1708/20
1	three - cutting edges scraper 200 mm	1717B
5	second cut files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1725

5902MT 059020043



2200S-O/MT (C22S-O+5902MT) 022000431



2200S-G/MT (C22S-G+5902MT) 022000432



2200S-R/MT (C22S-R+5902MT) 022000433

5902MT/AS

Assortment of 99 tools for earth-moving machinery (CATERPILLAR)

Car repairs



27.3 kg

Quantity	Description	Beta N.
2	drift punches Ø 3 - 4 mm	30
2	pin punches Ø 6 - 8 mm	31
1	centre punch Ø 4 mm	32
2	flat chisels, ribbed type 150 - 200 mm	35
20	combination wrenches 1/4÷1.1/2”	42AS
6	double ended offset ring wrenches 1/4x5/16 - 3/8x7/16 - 1/2x9/16 5/8x3/4 - 11/16x13/16 - 7/8x15/16”	90AS
11	offset hexagon key wrenches ○ 3/64÷3/8”	96AS/B11
10	1/2” square drive bi - hex sockets ○ 7/16 - 1/2 - 9/16 5/8 - 11/16 - 3/4 - 13/16 - 7/8 - 15/16 - 1”	920AS
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive push-through square ratchet	920/50
12	hexagon hand sockets 1/4" ○ □ 3/4”, 7/8 - 15/16 - 1 - 1.1/16 - 1.1/8 - 1.1/4 - 1.5/16 1.1/2 - 1.5/8 - 1.11/16 - 1.7/8 - 2”	928AS
1	3/4" drive extension bar 200 mm	928/21
1	3/4" drive swivel handle	928/36A
1	3/4" drive sliding T - handle	928/42
1	3/4" drive reversible ratchet	928/55

Quantity	Description	Beta N.
1	pry bar	964
1	Slip joint pliers boxed joints 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	extra long needle knurled nose pliers, bi-material handles ◖ 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

	5902MT/AS	059020044
	**2200S-O/MTAS** (C22S-O+5902MT/AS)	022000441
	**2200S-G/MTAS** (C22S-G+5902MT/AS)	022000442
	**2200S-R/MTAS** (C22S-R+5902MT/AS)	022000443

5904VG/1M

assortment of 76 tools

Car repair



Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	M15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	M16
1	heavy duty diagonal cutting nippers 160 mm	1084	M132
1	half-round needle nose pliers 180 mm	1150	M132
1	screwdrivers for slotted head screws 160 mm	1166	M132
8	offset hexagon key wrenches 2-2,5-3-4-5-6-7-8 mm	96T	M50
6	drivers for Torx® head screws, with handles T10-T15-T20-T25-T27-T30	97TTX	M55
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1201	M220
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1202	M220
1	1/2” wobble extension bar 125 mm	920AN/125	M83
1	1/2” wobble extension bar 250 mm	920AN/250	M83

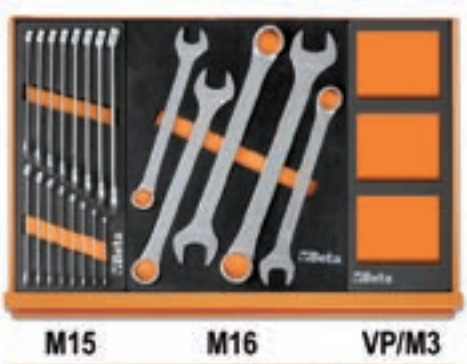
Quantity	Description	Beta N.	TR
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" drive reversible ratchet	920/55	M83
19	1/2" square drive hexagon sockets 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	circlip pliers straight, internal 180 mm	1032	M145
1	circlip pliers bent, internal 170 mm	1034	M145
1	circlip pliers straight, external 175 mm	1036	M145
1	circlip pliers bent, external 175 mm	1038	M145
2	flat chisels, ribbed type 100 - 200 mm	35	M234
1	engineer’s hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234

	5904VG/1M	059040197
	**2300ST-O/VG1M** (C23ST O+5904VG/1M)	023000685
	**2300ST-G/VG1M** (C23ST G+5904VG/1M)	023000686
	**2300ST-R/VG1M** (C23ST R+5904VG/1M)	023000687

5904VG/2M

assortment of 170 tools

Car repair









Quantity/Description		Beta N.	TR
16	combination wrenches 6÷21 mm	42	M15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	M16
8	offset hexagon key wrenches ○ 2-2,5-3-4-5-6-7-8 mm	96T	M50
6	drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	M55
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE	M86
7	hexagon bits ○ 4-5-6-7-8-10-12 mm	867PE/L	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN	M86
5	bits with XZN® profile ○ 5-6-8-10-12 mm	867XZN/L	M86
7	bits for Torx® head screws ✪ T20-T25-T30-T40-T45-T50-T55	867TX	M86
6	bits for Torx® head screws ✪ T25-T30-T40-T45-T50-T55	867TX/L	M86
7	bits for Tamper Resistant Torx® head screws ⊛ T20-T25-T30-T40-T45-T50-T55	867RTX	M86
1	bit holder sockets for item 867	867/1	M86
1	bit holder sockets for item 867	867/2	M86
5	screwdrivers for cross head Phillips® screws ◐ 3x75 - 4x100 - 4x125 - 5,5x150 - 6,5x150 mm	1260	M208
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1262	M208
1	screwdrivers for slotted head screws, extra-short series ◐ 4x30 mm	1260N	M208
1	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 mm	1262N	M208
5	bits for slotted head screws, coloured ◐ 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm	860LP	M85
8	hexagon bits for power drivers, coloured ○ 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	860PE	M85
5	bits for cross head Phillips® screws, coloured ✪ PH0 - PH1 - PH2 - PH3 - PH4	860PH	M85

Quantity/Description		Beta N.	TR
4	bits for cross head Pozidriv® - Supadriv® screws, coloured ✪ PZ1 - PZ2 - PZ3 - PZ4	860PZ	M85
10	bits for Torx® head screws, coloured ✪ T7-T8-T9-T10-T15-T20-T25-T27-T30-T40	860TX	M85
8	bits for Tamper Resistant Torx® head screws, coloured ⊛ T9-T10-T15-T20-T25-T27-T30-T40	860RTX	M85
1	magnetic bit holder with handle 230 mm	851SR	M85
1	reversible bit ratchet 100 mm	860/55	M85
2	flat chisels, ribbed type 100 - 200 mm	35	M234
1	engineer's hammer 300 g	1370	M234
1	soft face hammer Ø 35 mm	1390	M234
1	1/2" wobble extension bar 125 mm	920AN/125	M83
1	1/2" wobble extension bar 250 mm	920AN/250	M83
1	1/2" drive universal joint	920/25	M83
1	1/2" drive sliding T-handle	920/42	M83
1	1/2" drive reversible ratchet ⓡ	920/55	M83
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	M83
1	half-round needle nose pliers 180 mm	1150BM	M131
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	M131
1	heavy duty diagonal cutting nippers ◤ 160 mm	1084BM	M131
1	circlip pliers straight, internal ○ 180 mm	1032	M145
1	circlip pliers bent, internal ○ 170 mm	1034	M145
1	circlip pliers straight, external ● 175 mm	1036	M145
1	circlip pliers bent, external ● 175 mm	1038	M145
1	soft thermoformed tray		VPM3

5904 VG/2M		059040198
	**2400S7-O/VG2M** (C24S7/O+5904VG/2M)	024002774
	**2400S7-G/VG2M** (C24S7/G+5904VG/2M)	024002775
	**2400S7-R/VG2M** (C24S7/R+5904VG/2M)	024002776

5904VG/2T

Assortment of 99 tools

Car repairs



14.5 kg

Quantity	Description	Beta N.	TR
16	combination wrenches 6÷21 mm	42	T15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" drive reversible ratchet	920/55	T80
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153
1	heavy duty diagonal cutting nippers 160 mm	1084	T132
1	screwdrivers for slotted head screws 160 mm	1166	T132
1	half-round needle nose pliers 180 mm	1150	T132
1	circlip pliers straight, internal ◎ 180 mm	1032	T145
1	circlip pliers straight, external 175 mm	1036	T145

Quantity	Description	Beta N.	TR
1	circlip pliers bent, internal ◎ 170 mm	1034	T145
1	circlip pliers bent, external 175 mm	1038	T145
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260	T208
3	screwdrivers for cross head Phillips® screws PH0x60 - PH1x80 - PH2x100 mm	1262	T208
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9	T33
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	T52
6	drivers for Torx® head screws, with handles ○ T10 - T15 - T20 - T25 - T27 - T30	97TTX	T55

5904VG/2T	059040191	
2400S5-O/VG2T (C24S5/O+5904VG/2T)	024002514	
2400S5-G/VG2T (C24S5/G+5904VG/2T)	024002515	
2400S5-R/VG2T (C24S5/R+5904VG/2T)	024002516	
2400S6-O/VG2T (C24S6/O+5904VG/2T)	024002624	
2400S6-G/VG2T (C24S6/G+5904VG/2T)	024002625	
2400S6-R/VG2T (C24S6/R+5904VG/2T)	024002626	

5904VG/3

Assortment of 132 tools

Car repairs



20.7 kg

Quantity	Description	Beta N.
6	pin punches Ø 2÷8 mm	31/B6
1	centre punch Ø 5 mm	32
1	flat chisels, ribbed type 200 mm	35
17	combination wrenches 6÷22 mm	42
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
9	offset hexagon key wrenches 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9
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
13	1/2" square drive hexagon sockets with rail 10÷22 mm	920A/SB13
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive push-through square ratchet	920/50
6	T - handle wrenches with swivelling socket 8 - 10 - 12 - 13 - 17 - 19 mm	952
1	pry bar with handle 450 mm	965
2	circlip pliers straight, internal 180 - 225 mm	1032
2	circlip pliers bent, internal 170 - 210 mm	1034
2	circlip pliers straight, external 175 - 225 mm	1036
2	circlip pliers bent, external 175 - 220 mm	1038
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1057A
1	heavy duty diagonal cutting nippers 200 mm	1084BM

Quantity	Description	Beta N.
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
4	screwdrivers for cross head Phillips® screws 3x75 - 4x100 - 5,5x125 - 6,5x150 mm	1260
1	screwdrivers for slotted head screws, extra-short series 6,5x30 mm	1260N
2	screwdrivers for slotted head screws with hexagon bolsters 8x175 - 10x175 mm	1260E
3	screwdrivers for cross head Phillips® screws PH0x100 - PH1x120 - PH2x100 mm	1262
1	screwdrivers for cross head Phillips® screws, extra - short series PH2x30 mm	1262N
1	screwdrivers for cross head Phillips® screws with hexagon bolsters PH3x175mm	1262E
1	screwdriver for cross head Phillips® screws, long series PH2x400 mm	1262L
1	screwdrivers for headless slotted screws 6,5x400 mm	1264L
1	engineer's hammer 500 g	1370
1	soft face hammer Ø 45 mm	1390
1	adjustable oil filter wrench	1491
1	metric feeler gauge	1708/20
5	second cut files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1726BM
1	metal oil can 200 cc	1751

	5904VG/3	059040192
	2400S7-O/VG3 (C24S7/O+5904VG/3)	024002734
	2400S7-G/VG3 (C24S7/G+5904VG/3)	024002735
	2400S7-R/VG3 (C24S7/R+5904VG/3)	024002736
	2400SA7-O/VG3 (C24SA7/O+5904VG/3)	024002737
	2400SA7-G/VG3 (C24SA7/G+5904VG/3)	024002738
	2400SA7-R/VG3 (C24SA7/R+5904VG/3)	024002739

5904VG/5T

Assortment of 153 tools

Car repairs



25 kg

Quantity	Description	Beta N.	TR
5	1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	T80
1	1/2" drive extension bar 125 mm	920/21	T80
1	1/2" drive extension bar 255 mm	920/22	T80
1	1/2" drive universal joint	920/25	T80
1	1/2" drive sliding T-handle	920/42	T80
1	1/2" drive reversible ratchet	920/55	T80
19	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	T80
16	combination wrenches 6÷21 mm	42	T15
5	combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	T16
8	T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	T63
	empty thermoformed tray	VP6	VP6
1	circlip pliers straight, internal ⊙ 180 mm	1032	T145
1	circlip pliers bent, internal ⊙ 170 mm	1034	T145
1	circlip pliers straight, external ● 175 mm	1036	T145
1	circlip pliers bent, external ● 175 mm	1038	T145
7	screwdrivers for cross head Phillips® screws ◐ 2,5x50 - 3x75 - 3,5x100 - 4x125 - 5,5x100 - 5,5x150 - 6,5x150 mm	1290	T170
5	drivers for Torx® head screws, with handles ✪ T25 - T27 - T30 - T40 - T45	1297TX	T176
6	offset hexagon key wrenches ○ 2 - 2,5 - 3 - 4 - 5 - 6 mm	96T	T52
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 mm	55	T33
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	T33
3	screwdrivers for cross head Phillips® screws ◐ 8x150 - 8x200 - 10x200 mm	1290	T171
2	screwdriver for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1290N	T171
6	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 mm	1292	T172
2	screwdrivers for cross head Phillips® screws ✪ PH3x150 - PH4x200 mm	1292	T173
2	screwdriver for cross head Phillips® screws, extra-short series ✪ PH1x30 - PH2x30 mm	1292N	T173
2	flat chisels, ribbed type 100 - 200 mm	35	T234
1	engineer's hammer 300 g	1370	T234
1	soft face hammer Ø 35 mm	1390	T234
1	half-round needle nose pliers 180 mm	1150BM	T131
1	extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	T131
1	heavy duty diagonal cutting nippers 160 mm	1084BM	T131
8	bits for Torx® head screws ✪ T6÷T15	861TX	T112
8	bits for Torx® head screws ✪ T20÷T55	866TX	T112
1	socket holder	895/1	T112
1	socket holder	895/6	T112
1	1/4" sockets for Torx® head screws ◎ E4÷E10	900FTX	T112
1	1/2" sockets for Torx® head screws ◎ E12÷E24	920FTX	T112
1	1/2" drive, socket drivers for Torx® head screws ✪ T55L - T60 - T70L	920TX	T112
1	Slip joint pliers boxed joints 250 mm	1048	T153
1	self - locking pliers 240 mm	1052	T153

5904VG/5T	059040196	
2400S8-O/VG5T (C24S8/O+5904VG/5T)	024002824	
2400S8-G/VG5T (C24S8/G+5904VG/5T)	024002825	
2400S8-R/VG5T (C24S8/R+5904VG/5T)	024002826	

5905VG/1

Assortment of 94 tools for car body repair shops

Car repairs



20 kg

Quantity	Description	Beta N.
1	drift punches Ø 4 mm	30
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/B6
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
1	cape chisels, standard type 150 mm	36
17	combination wrenches 6÷22 mm	42/S17
10	offset hexagon key wrenches O 1,5÷12 mm	96/B10
1	adjustable wrench 300 mm	111N
12	hi-torque hexagon nut spinners, long series ◎ 4÷14 mm	943BX
1	pry bar with handle 450 mm	965
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	adjustable self locking pliers, aluminium jaws 280 mm	1060AL
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	construction worker's pincers 250 mm	1098PL
1	compound leverage shears, straight blades	1122
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	screwdriver for Dzus® head screws ◖	1201DZ
4	screwdrivers for cross head Phillips® screws ◖ 3x75 - 4x100 - 5,5x150 - 6,5x150 mm	1260
1	screwdrivers for slotted head screws, extra-short series ◖ 4x30 mm	1260N
2	screwdrivers for slotted head screws with hexagon bolsters ◖ 10x175 - 12x200 mm	1260E
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1262
1	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 mm	1262N
1	screwdrivers for cross head Phillips® screws with hexagon bolsters ✪ PH3x175 mm	1262E
7	drivers for Torx® head screws ✪ T6 - T8 - T10 - T15 - T20 - T25 - T30	1267TX
1	curved dolly 1350 g	1303
1	toe dolly	1305
1	heel dolly	1306
1	general purpose dolly	1310
1	buffer dolly	1313
1	curved angle spoon	1326
1	heavy duty spoon	1327
1	long double-ended spoon	1330
1	body blade holder, with blade 9"	1338A
1	extra flat chisel with hand guard	1342PM
1	body hammer	1345
1	body hammer Ø 32 mm	1357Z/32
1	engineer's hammer 300 g	1370
1	soft face hammer Ø 35 mm	1390
1	measuring tape 5 m	1692

	5905 VG/1	059050158
	**2500/VG1** (C25+5905VG/1)	025000092

5905VG/2

Assortment of 118 tools

Car repairs



19.5 kg

Quantity	Description	Beta N.
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/B6
14	combination wrenches 6÷14 - 17 - 19 - 22 - 24 mm	42
13	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 25x28 - 27x29 - 30x32 mm	55
3	half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
10	offset hexagon key wrenches ○ 1,5÷12 mm	96N/B10
6	drivers for Torx® head screws, with handles ✪ T10 - T15 - T20 - T25 - T30 - T40	97TTX
2	1/2" drive impact sockets ◎ 17 - 19 mm	720
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
8	T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
1	T - handle swivel spark plug wrenches	959
1	wheel nut wrench ◎ 17x19x22x ■ 1/2"	979
1	circlip pliers straight, internal ⊙ 180 mm	1032
1	circlip pliers bent, internal ⊙ 170 mm	1034
1	circlip pliers straight, external ● 175 mm	1036

Quantity	Description	Beta N.
1	circlip pliers bent, external ● 175 mm	1038
1	Slip joint pliers boxed joints 250 mm	1048
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	compound leverage shears, straight blades 250 mm	1122
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
1	extra long needle knurled nose pliers, bi-material handles ◖ 160 mm	1166BM
8	screwdrivers for cross head Phillips® screws ◖ 2,5x50 - 3x75 - 3,5x100 - 4x125 5,5x125 - 6,5x150 - 8x200 - 10x200 mm	1260
2	screwdrivers for slotted head screws with hexagon bolsters ◖ 10x200 - 12x250 mm	1260E
1	screwdrivers for slotted head screws, extra-short series ◖ 6,5x30 mm	1260N
4	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262
1	engineer's hammer 400 g	1370
1	soft face hammer Ø 35 mm	1390
1	adjustable oil filter wrench	1491
1	circuit tester 3÷48 V	1498

5905VG/2 059050144



2500/VG2 025000084
(C25+5905VG/2)

5908VG/2T

assortment of 212 tools

Car repair



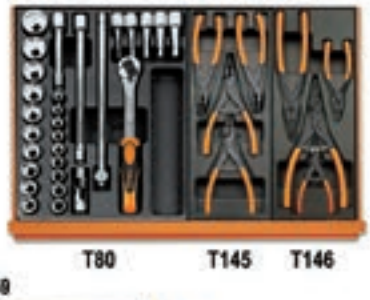
Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	**T15**
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T16**
5 pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31	**T31**
1 centre punch Ø 4 mm	32	**T31**
12 double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55	**T31**
9 offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96N/SC9	**T31**
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1 1/2" drive extension bar 125 mm	920/21	**T80**
1 1/2" drive extension bar 255 mm	920/22	**T80**
1 1/2" drive universal joint	920/25	**T80**
1 1/2" drive sliding T-handle	920/42	**T80**
1 1/2" drive reversible ratchet	920/55	**T80**
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
1 circlip pliers straight, internal 180 mm	1032	**T145**
1 circlip pliers bent, internal 170 mm	1034	**T145**
1 circlip pliers straight, external 175 mm	1036	**T145**
1 circlip pliers bent, external 175 mm	1038	**T145**
1 circlip pliers straight, internal 140 mm	1032	**T146**
1 circlip pliers bent, internal 225 mm	1034	**T146**
1 circlip pliers straight, external 140 mm	1036	**T146**
1 circlip pliers bent, external 225 mm	1038	**T146**
9 screwdrivers for cross head Phillips® screws ◗ 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	**T167**
2 screwdrivers for slotted head screws, extra-short series ◗ 4x30 - 6,5x30 mm	1260N	**T167**
7 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 -PH3x150 mm	1262	**T168**
2 screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N	**T168**
8 T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	**T63**
2 screwdriver for cross head Phillips® screws, long series ✪ PH1x400 - PH2x400 mm	1262L	**T209**
3 screwdriver for headless slotted screws, long series ◗ 3x300 - 4x400 - 5x400 mm	1264L	**T209**
6 drivers for Torx® head screws, with handles ✪ T10-T15-T20-T25-T27-T30	97TTX	**T55**
14 1/2" drive impact sockets ◎ 10-11-12-13-14-15-16-17-18-19-21-22-23-24 mm	720	**T110**

Quantity/Description	Beta N.	TR
1 1/2" drive impact extension bar 125 mm	720/21	**T110**
5 socket drivers for hexagon screws ○ 5L - 6L - 7L - 8L - 10L	920PE	**T113**
4 1/2" drive, socket drivers for Torx® head screws ✪ T40L - T45L - T55L - T70L	920TX	**T113**
3 socket drivers with XZN® profile ○ M6L - M8L - M12L	920XZN	**T113**
5 second cut files 200 mm	1719BMA8/S5	**T236**
1 adjustable oil filter wrench 110 mm	1491	**T264**
1 square oil drain plug socket ■ 10 mm	1494	**T264**
7 male hexagon oil drain plug sockets ○ 8-9-10-11-12-14-17 mm	1494E	**T264**
4 male square oil drain plug sockets ○ 8-9,5-12-13 mm	1494Q	**T264**
1 male triangular oil drain plug socket Δ	1494T	**T264**
1 male oil drain plug socket with XZN® profile ○	1494XZN	**T264**
1 oil plug wrenches	1496/C	**T264**
2 flat chisels, ribbed type 100 - 200 mm	35	**T234**
1 engineer's hammer 300 g	1370	**T234**
1 soft face hammer Ø 35 mm	1390	**T234**
1 Slip joint pliers boxed joints 250 mm	1048	**T153**
1 self - locking pliers 240 mm	1052	**T153**
1 half-round needle nose pliers 〓 180 mm	1150	**T132**
1 screwdrivers for slotted head screws ◗ 160 mm	1166	**T132**
1 heavy duty diagonal cutting nippers 160 mm	1084	**T132**
11 3/4" square drive hexagon socket ◎ 22-24-27-30-32-34-36-38-41-46-50 mm	928A	**T105**
1 3/4" drive extension bar 200 mm	928/21	**T106**
1 3/4" drive extension bar 380 mm	928/22	**T106**
1 3/4" drive sliding T - handle 450 mm	928/42	**T106**
1 3/4" drive reversible ratchet	928/55	**T106**
1 empty thermoformed tray	VP6	**VP6**
4 offset hexagon key wrenches ○ 13-14-17-19 mm	96N	
1 adjustable wrench 300 mm	111	
1 pry bar with handle	965	
1 tin snips 250 mm	1112	
1 electrician's scissors, straight blades	1128BMX	
1 engineer's hammer 1000 g	1370	
1 metric feeler gauge	1708/20	
1 telescopic magnet with flexible head	1712	
1 telescopic joint inspection mirror	1715	
1 three - cutting edges scraper 200 mm	1717B	
1 hacksaw frame, aluminium handle 440 mm	1726	
1 brush, brass wires	1737	
1 metal oil can 200 cl	1751	
1 snap - off blade utility knife	1771	

	5908VG/2T	059080117		**2800 G/VG2T** (C28 G+5908VG/2T)	028000348
	2800 O/VG2T (C28 O+5908VG/2T)	028000347		**2800 R/VG2T** (C28 R+5908VG/2T)	028000349

Car repair













Quantity/Description	Beta N.	TR
16 combination wrenches 6÷21 mm	42	**T15**
5 combination wrenches 22 - 24 - 27 - 30 - 32 mm	42	**T16**
6 double swivel end socket wrenches 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18X19 mm	80	**T79**
1 adjustable oil filter wrench 110 mm	1491	**T264**
1 square oil drain plug socket ■ 10 mm	1494	**T264**
7 male hexagon oil drain plug sockets ○ 8-9-10-11-12-14-17 mm	1494E	**T264**
4 male square oil drain plug sockets ○ 8-9,5-12-13 mm	1494Q	**T264**
1 male triangular oil drain plug socket Δ	1494T	**T264**
1 male oil drain plug socket with XZN® profile ○	1494XZN	**T264**
1 oil plug wrenches	1496/C	**T264**
5 1/2" drive, socket drivers for hexagon screws ○ 5 - 6 - 8 - 10 - 12 mm	920ME	**T80**
1 1/2" drive extension bar 125 mm	920/21	**T80**
1 1/2" drive extension bar 255 mm	920/22	**T80**
1 1/2" drive universal joint	920/25	**T80**
1 1/2" drive sliding T-handle	920/42	**T80**
1 1/2" drive reversible ratchet	920/55	**T80**
19 1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 30 - 32 mm	920A	**T80**
1 circlip pliers straight, internal 180 mm	1032	**T145**
1 circlip pliers bent, internal 170 mm	1034	**T145**
1 circlip pliers straight, external ● 175 mm	1036	**T145**
1 circlip pliers bent, external ● 175 mm	1038	**T145**
1 circlip pliers straight, internal 140 mm	1032	**T146**
1 circlip pliers bent, internal 225 mm	1034	**T146**
1 circlip pliers straight, external ● 140 mm	1036	**T146**
1 circlip pliers bent, external ● 225 mm	1038	**T146**
6 drivers for Torx® head screws, with handles ○ T10-T15-T20-T25-T27-T30	97TTX	**T55**
12 swivel end ratcheting combination wrenches 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	142SN	**T46**
1 half-round needle nose pliers 180 mm	1150BM	**T131**

Quantity/Description	Beta N.	TR
1 extra long needle knurled nose pliers, bi-material handles ◐ 160 mm	1166BM	**T131**
1 heavy duty diagonal cutting nippers 160 mm	1084BM	**T131**
1 slip joint pliers, push button alignment 240 mm	1047	**T151**
1 self - locking pliers 240 mm	1057A	**T151**
8 T - handle wrenches with swivelling socket ◎ 7 - 8 - 10 - 12 - 13 - 14 - 17 - 19 mm	952	**T63**
9 screwdrivers for cross head Phillips® screws ◐ 3x75 - 3,5x100 - 4x100 - 4x150 - 5,5x100 - 5,5x150 - 6,5x150 - 8x150 - 10x200 mm	1260	**T167**
2 screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N	**T167**
1 pin punches	31/B6	
7 screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH0x100 - PH1x80 - PH1x120 - PH2x100 - PH2x150 -PH3x150 mm	1262	**T168**
2 screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N	**T168**
1 adjustable wrench 250 mm	111	**T59**
1 1/2" drive swivel T-handle	920/40	**T59**
6 T-handle wrenches with hexagon male ends ○ 2,5-3-4-5-6-8 mm	951	**T59**
4 T handle wrenches with swivelling hexagon male ends ○ 4-5-6-8 mm	953	**T59**
2 engineer's hammer 300-500 g	1370	**T59**
2 screwdriver for cross head Phillips® screws, long series ✪ PH1x400 - PH2x400 mm	1262L	**T209**
3 screwdriver for headless slotted screws, long series ◐ 3x300 - 4x400 - 5x400 mm	1264L	**T209**
1 ball head offset hexagon key wrenches ○	96BPC/SC9	
1 click type torque wrench 8 ÷ 60 Nm	606/6	
1 click type torque wrench 60 ÷ 330 Nm	606/30	
1 impact sockets	720/C12	
1 adaptor, 1/2" female and 3/8" male drives	910/16	
1 assortment of 12 sockets and 5 accessories 3/4"	928A/C12	
1 lever with articulated, flat, curved head	966/C3	
1 dead blow hammer Ø 50 mm	1392	
1 Reversible impact wrench, made from composite material	1927P	

5910VG/3T 059100067



3000S/VG3T
(C30S+5910VG/3T) 030000097

Motorcycle repairs



Quantity	Description	Beta N.
1	drift punches Ø 2 mm	30
1	centre punch Ø 4 mm	32
1	flat chisels 125 mm	34
10	combination wrenches 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	42
6	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 mm	55
9	offset hexagon key wrenches ○ 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	96/SC9
1	click type torque wrench 3/8", 8÷60 Nm	606/6
54	assortment of 52 hexagon bits, 10 mm, and 2 accessories	867/C52
17	assortment of 12 sockets and 5 accessories	920A/C12X
1	adaptor, 1/2" female and 3/8" male drives	910/16
2	3/8" square drive spark plug sockets ◎ 16 - 17,8 mm	956E
1	extra - long nose pliers ◖ 283 mm	1009L/A
2	circlip pliers straight, internal ⊙ 140 - 180 mm	1032
1	circlip pliers straight, external ● 140x1,3 mm	1036
1	diagonal cutting nippers ⧓ 160 mm	1082
	electrician's scissors, straight blades	1128BM
1	half-round needle nose pliers 〓 180 mm	1150
1	screwdriver for Dzus® head screws ◖	1201DZ
4	screwdrivers for cross head Phillips® screws ◖ 3x75 - 4x100 - 5,5x100 - 6,5x150 mm	1201
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1202
1	circuit testing screwdriver ◖	1254
1	engineer's hammer 300 g	1370
	adjustable oil filter wrench	1491
1	metric feeler gauge	1708/13
1	mini hacksaw frame	1725CR
1	brush, brass wires	1737
1	plastic oil can 250 cc	1754

5940SBK	059400081

5953VG

Assortment of 147 tools

Car repairs



24.6 kg

Quantity	Description	Beta N.
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 150 mm	34
18	combination wrenches 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 mm	42
12	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x26 - 27x29 - 30x32 mm	55
3	half - moon ring wrenches 11x13 - 14x17 - 19x22 mm	83
12	offset hexagon key wrenches ○ 2÷10 mm	96
11	offset hexagon key wrenches ○ 2÷8 - 10 mm	96T
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 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
10	T - handle wrenches with swivelling socket ◎ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
2	T - handle swivel spark plug wrenches 16 - 20,8 mm	959
1	wheel nut wrench ◎ 17x19x22x ■ 1/2"	979
2	circlip pliers straight, internal ⊙ 140 - 180 mm	1032
1	circlip pliers bent, internal ⊙ 170 mm	1034
2	circlip pliers straight, external ● 140x1,3 - 175 mm	1036
1	circlip pliers bent, external ● 175 mm	1038
1	Slip joint pliers boxed joints 250 mm	1048

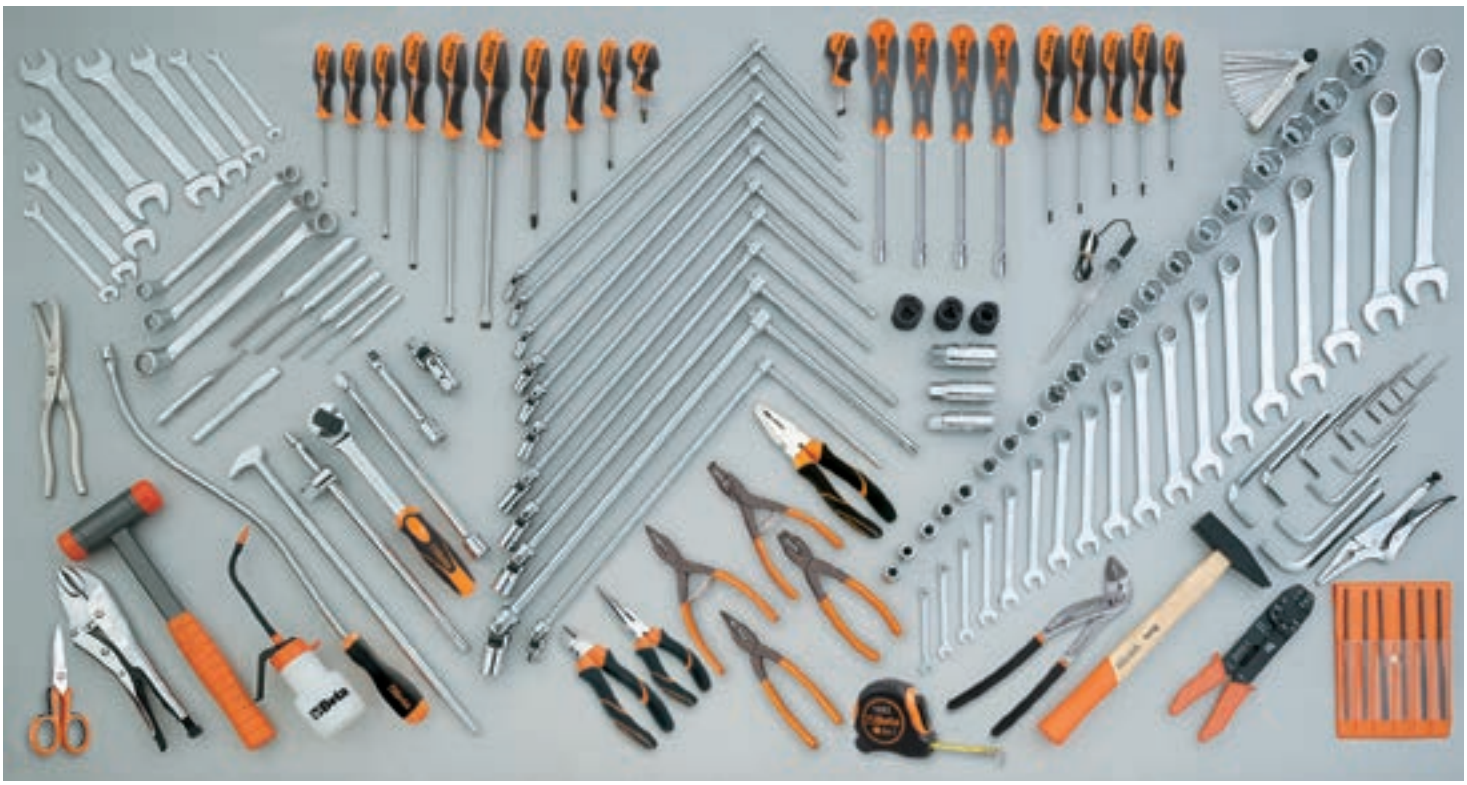
Quantity	Description	Beta N.
1	self - locking pliers 240 mm	1052
1	heavy duty diagonal cutting nippers ⧓ 160 mm	1084BM
1	tin snips 250 mm	1112
1	electrician's scissors, straight blades	1128BMX
1	half-round needle nose pliers 180 mm	1150BM
5	screwdrivers for cross head Phillips® screws ◐ 3x75 - 4x100 - 5,5x100 6,5x150 - 10x200 mm	1260
2	screwdrivers for slotted head screws, extra-short series ◐ 4x30 - 6,5x30 mm	1260N
4	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 PH2x100 - PH3x150 mm	1262
2	screwdrivers for cross head Phillips® screws, extra - short series ✪ PH1x30 - PH2x30 mm	1262N
1	screwdriver for cross head Phillips® screws, long series ✪ PH2x400 mm	1262L
1	screwdriver for headless slotted screws, long series ◐ 6,5x400 mm	1264L
1	engineer's hammer 400 g	1370
1	soft face hammer Ø 35 mm	1390
1	circlip pliers for butt - ended circlips	1458
1	adjustable oil filter wrench	1491
1	crimping pliers for non insulated terminals	1603
1	metric feeler gauge	1708/13
1	flexible magnetic pick-up tool 0,5 kg	1712E/1
5	files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1726BM
1	plastic oil can 250 cc	1754

5953VG	059530085
5300VG (C53VG+5953VG)	053000025

5954VG

Assortment of 138 tools

Car repairs



18.9 kg

Quantity	Description	Beta N.
5	pin punches Ø 2 - 3 - 4 - 5 - 6 mm	31
1	centre punch Ø 4 mm	32
1	flat chisels 125 mm	34
18	combination wrenches 6÷22 - 24 mm	42
8	double open end wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	55
3	double ended offset ring wrenches 12x13 - 14x15 - 17x19 mm	90
13	offset hexagon key wrenches ○ 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
20	1/2" square drive hexagon sockets ◎ 10÷24 - 26 - 27 - 28 - 30 - 32 mm	920A
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet	920/55
4	hi-torque hexagon nut spinners, long series ◎ 6 - 7 - 8 - 10 mm	943BX
10	T - handle wrenches with swivelling socket ◎ 6 - 7 - 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	952
3	3/8" square drive spark plug sockets ◎ 16 - 17,8 - 20,8 mm	956E
1	pry bar	964
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 boxed joints 250 mm	1048

Quantity	Description	Beta N.
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	extra long needle knurled nose pliers, bi-material handles 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	screwdrivers 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

	5954VG	059540085
	**5400 O/VG** (C54VG O+5954VG)	054000160
	**5400 G/VG** (C54VG G+5954VG)	054000162
	**5400 R/VG** (C54VG R+5954VG)	054000164

5957VG

assortment of 189 tools

Car repairs



36.6 kg

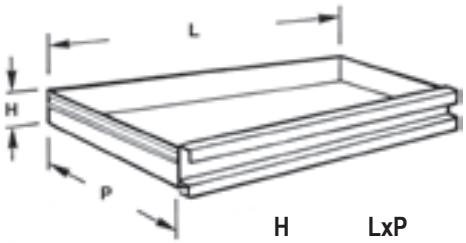
Quantity	Description	Beta N.
6	pin punches Ø 2 - 3 - 4 - 5 - 6 - 8 mm	31/SP6
6	2 drift punches, 1 centre punch, 3 flat chisels with metal holder	38/SP6
19	combination wrenches 6÷22 - 24 - 27 mm	42
12	double ended offset ring wrenches 6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	90/S12X
7	offset hexagon key wrenches ○ 2,5÷10 mm	96N/G7
12	offset hexagon key wrenches ○ 2÷10 mm	96/SC12
13	offset key wrenches for Torx® head screws ✪ T6÷T50	97TX/B13
5	offset key wrenches with XZN® profile M5÷M12	98XZN/G
1	adjustable wrench 250 mm	111
1	click type torque wrench 1/2", 40÷200 Nm	606/20
2	1/2" drive impact sockets ◎ 17 - 19 mm	720
13	1/2" square drive bi-hex sockets with rail ◎ 10÷22 mm	920B/SB13
8	1/2" square drive bi-hex sockets with rail ◎ 23÷32 mm	920B/SB8
4	1/2" socket drivers for slotted head screws ◖ 1,2x6,5 - 1,2x8 - 1,6x9 - 2x12 mm	920LP
3	1/2" socket drivers for Phillips® screws ✪ PH2 - 3 - 4	920PH
1	1/2" drive extension bar 125 mm	920/21
1	1/2" drive extension bar 255 mm	920/22
1	1/2" drive universal joint	920/25
1	1/2" drive swivel handle	920/35A
1	1/2" drive sliding T-handle	920/42
1	1/2" drive reversible ratchet ⓡ	920/55
7	T - handle wrenches with swivelling socket ◎ 8 - 10 - 11 - 13 - 14 - 17 - 19 mm	952
2	T - handle swivel spark plug wrenches 16 - 20,8 mm	959
1	pry bar	963
1	bent point tweezers 120 mm	991
1	straight large point tweezers 150 mm	994
2	circlip pliers straight, internal ◌ 140 - 180 mm	1032
2	circlip pliers bent, internal ◌ 130 - 170 mm	1034
2	circlip pliers straight, external ● 140x1,3 - 175 mm	1036
2	circlip pliers bent, external ● 135x1,3 - 175 mm	1038
1	Slip joint pliers boxed joints 250 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 250 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	extra long needle knurled nose pliers, bi-material handles ◖ 160 mm	1166BM
1	bent needle nose pliers ◖ 200 mm	1168BM
7	screwdrivers for cross head Phillips® screws ◖ 3x75 - 3,5x100 - 4x125 - 5,5x150 6,5x150 - 10x200 - 12x250 mm	1260
1	screwdrivers for slotted head screws with hexagon bolsters ◖ 12x200 mm	1260E
3	screwdrivers for cross head Phillips® screws ✪ PH0x60 - PH1x80 - PH2x100 mm	1262
2	engineer's hammer 300 - 600 g	1370
1	soft face hammer Ø 35 mm	1390
11	roller stud extractors 6÷12 mm	1433/C11
1	adjustable oil filter wrench	1491
1	circuit tester	1498
1	measuring tape 5 m	1692
1	metric feeler gauge	1708/20
1	flexible magnetic pick-up tool 1,8 kg	1712E/2
1	two cutting edges scraper 200 mm	1717A
1	three - cutting edges scraper 200 mm	1717B
5	files 200 mm	1719BMA/S5
1	hacksaw frame, aluminium handle	1725
1	metal oil can 200 cc	1751
1	snap - off blade utility knife	1771

	5957 VG	059570029
	5700 AO/VG (C57S A/O+5957VG)	057001092
	5700 BO/VG (C57S B/O+5957VG)	057001094
	5700 AG/VG (C57S A/G+5957VG)	057001292
	5700 BG/VG (C57S B/G+5957VG)	057001294
	5700 AR/VG (C57S A/R+5957VG)	057001492
	5700 BR/VG (C57S B/R+5957VG)	057001494

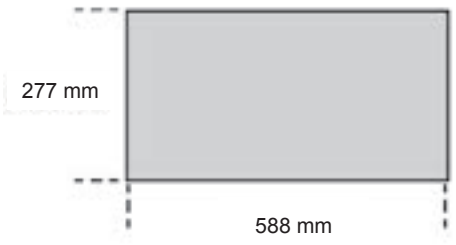
Soft thermoformed trays M-series



Assortment of tools in thermoformed trays, designed for roller cabs C22S, C23S, C23SC.



H mm	LxP mm
70	588x277





MC10

34



42	6-7-8-9-10-11-12 13-14-15-16-17 18-19-21-22 mm
96/SC9	1,5-2-2,5-3-4-5-6-8-10 mm
1084BM	160 mm
1150BM	180 mm
1166BM	160 mm
1201	3,5x100-5,5x150-6,5x150 mm
1202	PH0x60-PH1x80-PH2x100 mm

3,5 kg

MC10	1 027500010
MCV10	1 027510010

MC20

74



860MIX/A31	
895/1	
1048	250 mm
1370	300 g
32	Ø 4 mm
36	Ø 4 mm
900	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
900/21	150 mm
900/25	
900BG/30C	
900/42	
900/55	
920A	10-11-12-13-14-15-16-17-18-19-21-22-24-27-30-32 mm
920/25	
920AN/125	125 mm
920/42	
920/55	

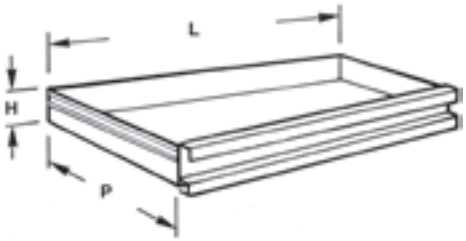
6 kg

MC20	1 027500020
MCV20	1 027510020

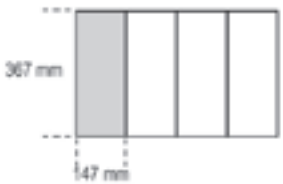
Soft thermoformed trays M-series

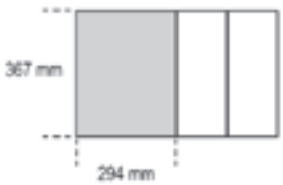
Assortment of tools in thermoformed trays, designed for all roller cabs and trolleys.

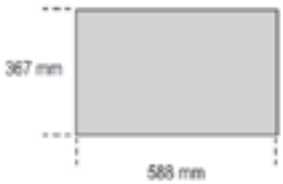
The heights of drawers C1 and C2 are shown in order to choose the most suitable thermoformed tray. Near each thermoformed tray you will find the height of the drawer it is suitable for.



	H mm	LxP mm
C1	50	588x367
C2	70	588x367







M10

22



42	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-30-32-36 mm

C2

4,5 kg

M10	1 024500010
MV10	1 024510010

M15

16



42 6-7-8-9-10-11-12
13-14-15-16-17
18-19-20-21 mm

1,5 kg

C2

M15	1	024500015
MV15	1	024510015

M33

17



55 6x7-8x9-10x11
12x13-14x15
16x17-18x19
20x22 mm

96/SC9 1,5÷10 mm

1,1 kg

C2

M33	1	024500033
MV33	1	024510033

M46

12



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

1,4 kg

C2

M46	1	024500046
MV46	1	024510046

M16

5



42 22-24-27-30-32 mm

2,1 kg

C2

M16	1	024500016
MV16	1	024510016

M38

4



55 21x23-24x26
27x29-30x32 mm

1,7 kg

C1-C2

M38	1	024500038
MV38	1	024510038

M50

8



96T 2-2,5-3-4-5
6-7-8 mm

1,1 kg

C1-C2

M50	1	024500050
MV50	1	024510051

M30

31



55 6x7-8x9-10x11-12x13-14x15-16x17-
18x19-20x22-21x23-24x27-30x32 mm

90 6x7-8x9-10x11-12x13-14x15-16x17-
18x19-20x22-21x23-24x27-30x32 mm

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

4,2 kg

C2

M30	1	024500030
MV30	1	024510030

M40

7



90 6x7-8x9-10x11
12x13-14x15
16x17-18x19 mm

810 g

C2

M40	1	024500040
MV40	1	024510040

M52

5



96T 2,5-3-4-5-6 mm

330 g

C1-C2

M52	1	024500052
MV52	1	024510052

M45

12



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

1,3 kg

C2

M45	1	024500045
MV45	1	024510045

M53

5



96TBP 2,5-3-4-5-6 mm

350 g

C1-C2

M53	1	024500053
MV52	1	024510052

M55

5



97TTX T10-T15-T20-T25-T30

330 g

C1-C2

M55	1 024500055
MV55	1 024510055

M60

24



96T 2-2,5-3-4-5-6-7-8-10 mm

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

944BX 5-6-7-8-10-13 mm

1,9 Kg

C1-C2

M60	1 024500060
MV60	1 024510060

M63

8



952 7-8-10-12-13-14-17-19 mm

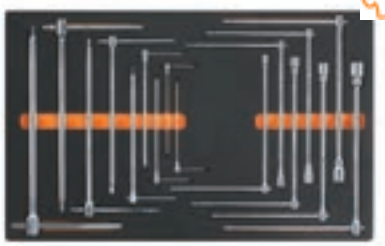
3,4 kg

C1-C2

M63	1 024500063
MV63	1 024510063

M65

16



950 8-10-12-13-14-17-19 mm

951 2,5-3-4-5-6-8-10-12-14 mm

3,6 Kg

C1-C2

M65	1 024500065
MV65	1 024510065

M69

9



951 2,5-3-4-5-6-8 10-12-14 mm

1,8 kg

C1-C2

M69	1 024500069
MV69	1 024510069

M75

16



933 7-8-9-10-11-12-13-14-15 16-17-18-19-21-22-24 mm

5,5 kg

C2

M75	1 024500075
MV75	1 024510075

M79

6



80 8x9 -10x11-12x13 -14x15 16x17-18x19 mm

1,3 kg

C2

M79	1 024500079
MV79	1 024510079

M82

29



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

920AN/250 250 mm

920/25

920/42 305 mm

920/55

1/2"

4,1 kg

C2

M82	1 024500082
MV82	1 024510082

M83

24



920A 10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm

920AN/125 125 mm

920AN/250 250 mm

920/25 255 mm

920/42 305 mm

920/55

1/2"

3,7 kg

C2

M83	1 024500083
MV83	1 024510083

M85

45



851SR 230 mm

860LP 0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 mm

860PE 2 - 2,5 -3 - 4 - 5 - 6 - 8 - 10 mm

860PH PH0 - PH1 - PH2 - PH3 - PH4

860PZ PZ1 - PZ2 - PZ3 - PZ4

860TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40

860RTX T9-T10-T15-T20-T25-T27-T30-T40

860/55 100 mm

882P 80 mm

1/4

450 g

C1-C2

M85	1 024500085
MV85	1 024510085

M86

46



867PE	4-5-6-7-8-10-12 mm
867PE/L	4-5-6-7-8-10-12 mm
867XZN	5-6-8-10-12 mm
867XZN/L	5-6-8-10-12 mm
867TX	T20-T25-T30-T40-T45-T50-T55
867TX/L	T25-T30-T40-T45-T50-T55
867RTX	T20-T25-T30-T40-T45-T50-T55
867/1	
867/2	

1,4 kg

C1-C2

M86	1 024500086
MV86	1 024510086

M91

25



900	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
900ME	2,5-3-4-5-6-8 mm
900/20	50 mm
900/21	150 mm
900/25	□ 1/4 - ■ 1/4
900BG/30	
900/42	
900/55	

1/4"

560 g

C2

M91	1 024500091
MV90	1 024510090

M92

22



910A	6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	
910/55	

3/8"

1,5 kg

C2

M92	1 024500092
MV92	1 024510092

M100

98



895/1	
895/3	
895/6	
900	4-4,5-5-5,5-6-7-8-9-10-11-12-13-14 mm
900L	5-6-7-8-9-10-11-12-13 mm
900ME	3-4-5-6-7 mm
900LP	0,8x4-1x5,5-1,2x6,5-1,2x8 mm
900PH	PH1-PH2-PH3-PH4
900TX	T10-T15-T20-T25-T27-T30-T40
900/20	50 mm
900/20L	100 mm
900/21	150 mm
900/25	
900BG/30	
900/42	
900/55	
920A	8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-26-27-28-30-32 mm
920/15	
920/25	
920AN/125	125 mm
920AN/250	250 mm
920/42	
920/55	
920FTX	10-12-14-16-18-20-22-24 mm
920AL	10-12-13-14-15-16-17-18-19-21-22 mm

6,7 Kg

C2

M100	1 024500100
MV100	1 024510100

M112

32



861TX	⬢1/4-T6÷T15
866TX	⬢5/16-T20÷T55
895/1	⬡1/4x□1/4
895/6	⬡5/16x□1/2
900FTX	□1/4-E4÷E10
920FTX	□1/2-E12÷E24
920TX	□1/2-T55L-T60-T70L

1/4" 1/2"

1,3 kg

C2

M112	1 024500112
MV112	1 024510112

M120

75



920A	10-11-12-13-14-15-16-17-18-19-20-21-22-24-26-27-30-32 mm
920AN/125	125 mm
920AN/250	250 mm
920/25	
920/42	
920AL	10-12-13-14-15-16-17-18-19-22-24-27-30-32 mm
920FTX	10-12-14-16-18-20-22-24 mm
920/55	
920PE	5-5L-6-6L-7-7L-8-8L-10-10L-12-12L-14-14L
920TX	T20-T25-T27-T30-T40-T45-T50-T55-T60-T20L-T25L-T27L-T30L-T40L-T45L-T50L

6,9 Kg

C2

M120	1 024500120
MV120	1 024510120

M121

46



920BP	5L-6L-8L-10L-5XL-6XL-8XL mm
920TX	T20-T25-T27-T30-T40L-T45L-T50L-T55L-T60L-T70L
920XZN	4-5-6-6L-8-8L-10-10L-12-12L-14-14L-16-18 mm
920ES	7-9-10-11-12L-14L-16L-7XL-9XL-10XL-11XL-12XL-14XL-16XL mm
920/36A	

6,3 Kg

C1-C2

M121	1 024500121
MV121	1 024510121

M130

13



1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm
1048	250 mm
1052	240 mm
1082BM	160 mm
1098	220 mm
1112	250 mm
1128BM	
1150BM	180 mm
1166BM	160 mm
1168BM	160 mm

3,4 Kg

C1-C2

M130	1 024500130
MV130	1 024510130

M131

3



1084BM	160 mm
1150BM	180 mm
1166BM	160 mm

750 g

C1-C2

M131	1 024500131
MV131	1 024510131

M132

3



1084	160 mm
1150	180 mm
1166	160 mm

650 g

C1-C2

M132	1 024500132
MV132	1 024510132

M135

3



1082MQ	160 mm
1150MQ	180 mm
1166MQ	160 mm

750 g

C1-C2

M135	1 024500135
MV135	1 024510135

M145

4



1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm

640 g

C1-C2

M145	1 024500145
MV145	1 024510145

M153

2



1048	250 mm
1052	240 mm

1 kg

C1-C2

M153	1 024500153
MV153	1 024510153

M170

7



1290	2,5x50 3x75 3,5x100 4x125 5,5x100 5,5x150 6,5x150 mm

500 g

C1-C2

M170	1 024500170
MV170	1 024510170

M172

6



1292	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 mm

450 g

C1-C2

M172	1 024500172
MV172	1 024510172

M174

6



1297TX	T8-T10-T15-T20- T25-T30

450 g

C1-C2

M174	1 024500174
MV174	1 024510174

M180

7



1290	3x75 4x100 5,5x150 6,5x150 mm
1292	PH0x60 PH1x80 PH2x100 mm

500 g

C1-C2

M180	1 024500180
MV180	1 024510180

M199

7



1260	2,5x50 3x75 3,5x100 4x125 5,5x100 5,5x150 6,5x150 mm

500 g

C1-C2

M199	1 024500199
MV199	1 024510199

M202

6



1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

450 g

C1-C2

M202	1	024500202
MV202	1	024510202

M204

6



1267TX T8-T10-T15-T20-T25-T30

450 g

C1-C2

M204	1	024500204
MV204	1	024510204

M208

10



1260 3x75
3,5x100
4x125
5,5x150
6,5x150 mm

1262 PH0x60
PH1x80
PH2x100 mm

1260N 4x30 mm

1262N PH1x30 mm

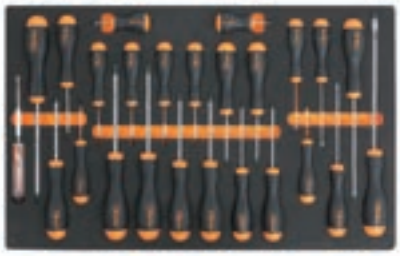
750 g

C1-C2

M208	1	024500208
MV208	1	024510208

M210

25



1201 2,5x50-3x75-4x100-5,5x125-6,5x150-8x200 mm

1201N 4x30 mm

1202 PH0x60-PH1x80-PH2x100-PH3x150 mm

1202N PH1X30 mm

1207TX T6-T7-T8-T9-T10-T15-T20-T25-T27-T30-T40-T45

1253

1,8 Kg

C1-C2

M210	1	024500210
MV210	1	024510210

M211

7



1201 2,5x50-3x75-3,5x100-4x125-5,5x100-5,5x150-6,5x150 mm

500 g

C1-C2

M211	1	024500211
MV211	1	024510211

M212

6



1202 PH0x60-PH1x80-PH1x120-PH2x100-PH2x150-PH3x150 mm

450 g

C1-C2

M212	1	024500212
MV212	1	024510212

M215

7



1207TX T6-T7-T8-T9-T10-T15-T20

500 g

C1-C2

M215	1	024500215
MV215	1	024510215

M220

7



1201 3x75
4x100
5,5x150
6,5x150 mm

1202 PH0x60
PH1x80
PH2x100 mm

500 g

C1-C2

M220	1	024500220
MV220	1	024510220

M226

7



1274MQ 3x100
4x100
5,5x125
6,5x150 mm

1272MQ PH0x60
PH1x80
PH2x100 mm

500 g

C1-C2

M226	1	024500226
MV226	1	024510226

M227

5



944BX 6-7-8-10-13 mm

420 g

C1-C2

M227	1	024500227
MV227	1	024510227

M230

25



30	Ø 2-3-4 mm
31	Ø 2-3-4-5-6-8 mm
32	Ø 4 mm
34	150 mm
35	200-250 mm
36	125 mm
1370	500 g
1390	Ø 35 mm
1692	3 m
1712TF	
■ 1719BMA/Q	200 mm
▲ 1719BMA/T	200 mm
▮ 1719BMA/P	200 mm
◗ 1719BMA/M	200 mm
● 1719BMA/R	200 mm
1737NX	
1771	18 mm

3,2 Kg

C1-C2

M230	1 024500230
MV230	1 024510230

M234

4



35	100-200 mm
1370	300 g
1390	Ø 35 mm

1,3 kg

C1-C2

M234	1 024500234
MV232	1 024510232

M236

5



■ 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

M237

5



35	100-200 mm
1370T	300 mm
1390N	Ø 35 mm

1,3 kg

C1-C2

M237	1 024500237
MV232	1 024510232

M240

7



31BM	Ø 2-3-4-5-6-8 mm
32	Ø 4 mm

850 g

C1-C2

M240	1 024500240
MV240	1 024510240

M264

16



1491	Ø 65÷110 mm
■ 1494	■ 10 mm
○ 1494E	○ 8-9-10-11-12-14-17 mm
⬡ 1494Q	○ 8-9,5-12-13 mm
Δ 1494T	Δ 9,5
○ 1494XZN	○ 16
1496C	■ 8x ■ 10 mm

2,1 kg

C2

M264	1 024500264
MV264	1 024510264

M285

4



1112	250 mm
1128BM	
1726	440 mm
1728BM	(5)
1753	200 cc

1,5 kg

C2

M285	1 024500285
MV285	1 024510285

M287

9



1128BMX	
1130BMX	
■ 1719BMA/Q	200 mm
▮ 1719BMA/P	200 mm
◗ 1719BMA/M	200 mm
● 1719BMA/R	200 mm
1726BM	400 mm
1728BM	(5)
1771BM	170 mm
1778	185 mm

2,4 Kg

C1-C2

M287	1 024500287
MV287	1 024510287

M289

4



1692	5 m
1725CR	
1755	30 cc
1771	

500 g

C2

M289	1 024500289
MV289	1 024510289

M295

4



1650
1682
1707
1708/20

450 g

C1-C2

M295	1 024500295
MV295	1 024510295

M300

14



1927A
◎720 12-13-14-15-16-17 18-19-21-22 24-27 mm
720/21

12"

4,7 kg

C2

M300	1 024500300
MV300	1 024510300

M310

14



1927CD
◎720 12-13-14-15-16-17 18-19-21-22 24-27 mm
720/21

12"

4,0 kg

C2

M310	1 024500310
MV310	1 024510310

VPM3



C1-C2

VPM3	1 088870353

VPM0



C1-C2

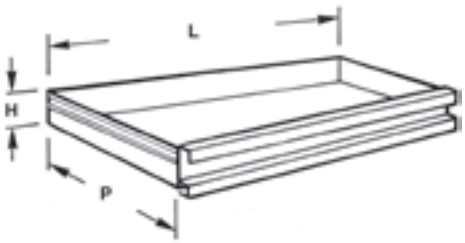
VPM0	1 088870350

Hard thermoformed trays T-series

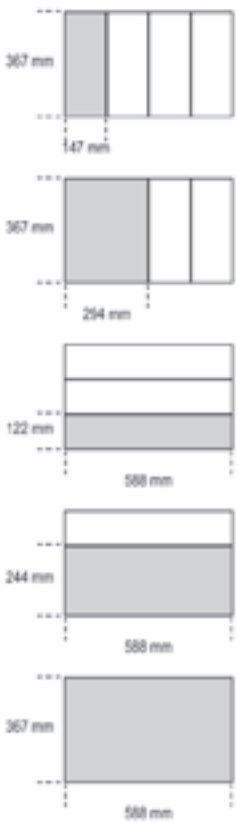


Assortment of tools in thermoformed trays, designed for all roller cabs and all trolleys.

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

17



42 6-7-8-10-11-12-13 14-16-17-18-19-21 22-24-27-30 mm

2,7 kg

C2

T10	1 024240010
TV10	1 024000400

T15

16



42 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21 mm

1,5 kg

C2

T15	1 024240015
TV15	1 024000445

T16

5



42 22-24-27-30-32 mm

2,1 kg

C2

T16	1 024240016
TV16	1 024000446

T18

16



42MP 6-7-8-9-10-11-12 13-14-15-16-17 18-19-20-21 mm

1,5 kg

C2

T18	1 024240018
TV15	1 024000445

T19

5



42MP	22-24-27-30-32 mm

2,1 kg

C2

T19	1 024240019
TV16	1 024000446

T22

15



42AS	5/16-3/8-7/16-1/2 9/16-5/8-11/16-3/4
96AS/BG7	3/32-1/8-5/32-3/16 1/4-5/16-3/8

1 kg

C2

T22	1 024240022
TV20	1 024000488

T23

16



42INOX	8-10-11-12-13-14-15- 17-19 mm
96BPINOX	2,5-3-4-5-6-8-10 mm

1 kg

C2

T23	1 024240023
TV23	1 024249906

T31

27



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

3 kg

C2

T31	1 024240031
TV30	1 024000401

T33

17



55	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
96/SC9	1,5÷10 mm

1 kg

C2

T33	1 024240033
TV20	1 024000488

T34

17



55MP	6x7-8x9-10x11 12x13-14x15 16x17-18x19 20x22 mm
96/SC9	1,5÷10 mm

1 kg

C2

T34	1 024240034
TV20	1 024000488

T40

7



90	6x7-8x9-10x11 12x13-14x15 16x17-18x19 mm

810 g

C2

T40	1 024240040
TV40	1 024000456

T41

5



90	20x22-21x23 24x26-25x28 27x29 mm

1,5 kg

C2

T41	1 024240041
TV41	1 024000457

T45

12



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

1,3 kg

C2

T45	1 024240045
TV45	1 024000498

T46

12



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

1,5 kg

C2

T46	1 024240046
TV46	1 024000499

T48

12



96BPC/SC9	1,5÷10 mm
142C	8-9-10-11-12 13-14-15-16 17-18-19 mm

1,4 kg

C2

T48	1 024240048
TV47	1 024000763

T50

11



96T	2-2,5-3-3,5-4-4,5 5-6-7-8-10 mm

1,3 kg

C1 - C2

T50	1 024240050
TV50	1 024000764

T52

6



96T 2-2,5-3-4-5-6 mm

350 g

C1 - C2

T52	1 024240052
TV52	1 024000765

T53

5



96TBP 2,5-3-4-5-6 mm

300 g

C1 - C2

T53	1 024240053
TV52	1 024000765

T55

6



97TTX T10-T15-T20 T25-T27-T30

330 g

C1 - C2

T55	1 024240055
TV55	1 024000766

T56

14



96BP 2-3-4-5-6-8-10 mm

97TX T20-T25-T30-T40-T45-T50-T55

300 g

C1-C2

T56	1 024240056
TV56	1 024249901

T57

5



96TINOX 2,5-3-4-5-6 mm

350 g

C1-C2

T57	1 024240057
TV57	1 024249907

T59

14



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

4,7 kg

C2

T59	1 024240059
TV60	1 024000420

T63

8



952 7-8-10-12-13-14-17-19 mm

3,8 kg

C1 - C2

T63	1 024240063
TV63	1 024000471

T64

8



952FTX E10-E12-E14

953TX T25-T27-T30-T40-T45

3,8 kg

C1 - C2

T64	1 024240064
TV63	1 024000471

T65

8



953 3-3,5-4-5-6-7-8-10 mm

2,8 kg

C1 - C2

T65	1 024240065
TV63	1 024000471

T68

6



951 2,5-3-4-5-6-8 mm

590 g

C1 - C2

T68	1 024240068
TV68	1 024000470

T73

8



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

16



933 7-8-9-10-11-12-13
14-15-16-17-18-19
21-22-24 mm

4,2 kg

C2

T75	1 024240075
TV75	1 024000422

T76

16



932 7-8-9-10-11-12-13
14-15-16-17-18-19
21-22-24 mm

4,2 kg

C2

T76	1 024240076
TV75	1 024000422

T77

10



933 6-7-8-10-11-12-13
14-17-19 mm

1,4 kg

C2

T77	1 024240077
TV77	1 024000474

T79

6



80 8x9-10x11-12x13
14x15-16x17
18x19 mm

1,3 kg

C2

T79	1 024240079
TV79	1 024000490

T80

29



920A	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920ME	5-6-8-10-12 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55	

12"

4,1 kg

C2

T80	1 024240080
TV80	1 024000403

T81

29



920B	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920ME	5-6-8-10-12 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55	

12"

4,1 kg

C2

T81	1 024240081
TV80	1 024000403

T82

29



920A	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920ME	5-6-8-10-12 mm
920AN/125	125 mm
920AN/250	250 mm
920/25	
920/42	305 mm
920/55	

12"

4,1 kg

C2

T82	1 024240082
TV80	1 024000403

T83

24



920A	10-11-12-13-14 15-16-17-18-19 20-21-22-23-24 26-27-30-32 mm
920/21	125 mm
920/22	255 mm
920/25	
920/42	305 mm
920/55	

12"

3,6 kg

C2

T83	1 024240083
TV83	1 024000402

T85

81



861LP	0,5x3 - 0,6x4,5 - 0,8x5,5 - 1x5,5 - 1,2x6,5 - 1,2x8 - 1,6x8 mm
861PE	2 - 2,5 -3 - 4 - 5 - 6 - 8 - 10 mm
861PH	PH0 - PH1 - PH2 - PH3
861PZ	PZ1 - PZ2 - PZ3
861TX	T6-T7-T8-T9-T10-T15-T20-T25- T27-T30-T40
861RTX	T9-T10-T15-T20-T25-T27- T30-T40
861TRW	1-2-3-4-5-6 mm
861TQS	0-1-2-3-4-5-6-8 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

1/4"

1,0 kg

C1 - C2

T85	1 024240085
TV85	1 024000747

T91

25



900	4-4,5-5-5,5-6 7-8-9-10-11 12-13-14 mm
900ME	2,5-3-4-5-6-8 mm
900/20	50 mm
900/21	150 mm
900/25	
900BG/30	
900/42	115 mm
900/55	

1/4"

560 g

C1 - C2

T91	1 024240091
TV90	1 024000447

T92

22



910A	6-7-8-9-10-11-12-13 14-15-16-17-18-19 20-21-22 mm
910/21	125 mm
910/22	250 mm
910/25	
910/42	210 mm
910/55	

3/8"

1,5 kg

C2

T92	1 024240092
TV92	1 024000458

T100

16



920A	10-12-13-14-15 16-17-18-19-21 22-24 mm
920/21	125 mm
920/25	
920/42	305 mm
920/55	

2,1 kg

1/2"

C2

T100	1 024240100
TV100	1 024000495

T101

16



920B	10-12-13-14-15 16-17-18-19-21 22-24 mm
920/21	125 mm
920/25	
920/42	305 mm
920/55	

2,1 kg

1/2"

C2

T101	1 024240101
TV100	1 024000495

T102

16



920AS	3/8-7/16-1/2 9/16-5/8-11/16 3/4-13/16-7/8 15/16-1-1.1/16
920/21	125 mm
920/25	
920/42	305 mm
920/55	

2,1 kg

1/2"

C2

T102	1 024240102
TV100	1 024000495

T103

17



900L	6-7-8-9-10-11-12 mm
920AL	13-14-16-17-18-19 21-22-24-27 mm

1,1 kg

1/4" 1/2"

C1 - C2

T103	1 024240103
TV103	1 024000748

T105

11



928A	22-24-27-30-32-34 36-38-41-46-50 mm

4,9 kg

3/4"

C2

T105	1 024240105
TV105	1 024000484

T106

4



928/21	200 mm
928/22	380 mm
928/42	450 mm
928/55	

4,5 kg

3/4"

C2

T106	1 024240106
TV106	1 024000485

T110

14



720	10-11-12-13-14 16-17-18-19-21 22-23-24 mm
720/21	125 mm

1,8 kg

1/2"

C2

T110	1 024240110
TV110	1 024000477

T112

32



861TX	1/4-T6÷T15
866TX	5/16-T20÷T55
895/1	1/4x1/4
895/6	5/16x1/2
900FTX	1/4-E4÷E10
920FTX	1/2-E12÷E24
920TX	1/2-T55L-T60-T70L

1,3 kg

1/4" 1/2"

C2

T112	1 024240112
TV112	1 024000480

T113

12



920PE	5L-6L-7L-8L-10L
920TX	T40L-T45L T55L-T70L
920XZN	M6L-M8L-M12L

1,5 kg

1/2"

C2

T113	1 024240113
TV113	1 024000489

T120

1



606/20	40-200 Nm

1,1 kg

1/2"

C2

T120	1 024240120
TV120	1 024000483

T131

3



1084BM	160 mm
1150BM	180 mm
1166BM	160 mm

750 g

C1 - C2

T131	1 024240131
TV130	1 024000451

T132

3



1084	160 mm
1150	180 mm
1166	160 mm

650 g

C1 - C2

T132	1 024240132
TV130	1 024000451

T135

3



1082MQ	160 mm
1150MQ	180 mm
1166MQ	160 mm

1000 V

750 g

C1 - C2

T135	1 024240135
TV135	1 024000762

T145

4



1032	180 mm
1034	170 mm
1036	175 mm
1038	175 mm

640 g

C1 - C2

T145	1 024240145
TV145	1 024000448

T154

3



1082	160 mm
1150	180 mm
1048	250 mm

1 kg

C1-C2

T154	1 024240154
TV148	1 024000500

T136

2



1048MQ	250 mm
1777MQ/U	

700 g

C1-C2

T136	1 024240136
TV136	1 024000438

T146

4



1032	140x0,9 mm
1032	225 mm
1036	140x1,3 mm
1036	225 mm

700 g

C1 - C2

T146	1 024240146
TV146	1 024000449

T155

3



1082BM	160 mm
1150BM	180 mm
1048BM	250 mm

1,1 kg

C1-C2

T155	1 024240155
TV148	1 024000500

T140

8



1032	140x0,9 - 180 mm
1034	170 mm
1036	140x1,3 - 175 mm
1038	175 mm
1084	160 mm
1128BM	

1,1 kg

C1 - C2

T140	1 024240140
TV140	1 024000405

T151

2



1047	240 mm
1057A	240 mm

1,3 kg

C2

T151	1 024240151
TV150	1 024000462

T160

Betamax

11



1290	3x75 3x100 4x100 4x150 5,5x100 5,5x150 6,5x150 8x150 10x200 mm
1290N	4x30 6,5x30 mm

1,3 kg

C1 - C2

T160	1 024240160
TV160	1 024000706

T142

4



1048	250 mm
1052	240 mm
1112	250 mm
1150	180 mm

1,8 kg

C1 - C2

T142	1 024240142
TV143	1 024000409

T153

2



1048	250 mm
1052	240 mm

1,1 kg

C1 - C2

T153	1 024240153
TV150	1 024000462

T161

Betamax

9



1292	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 PH3x150 mm
1292N	PH1x30 PH2x30 mm

1 kg

C1 - C2

T161	1 024240161
TV161	1 024000707

T164

16



952	8-10-13-17-19 mm
959	16 mm (5/8") - 20,8 mm (13/16")
1260	3x75-4x100-5,5x100 6,5x150-10x200 mm
1262	PH0x60-PH1x80 PH2x100-PH3x150 mm

5 kg

C1 - C2

T164	1 024240164
TV61	1 024000721

T167

11



1260	3x75 3x100 4x100 4x150 5,5x100 5,5x150 6,5x150 8x150 10x200 mm
1260N	4x30 6,5x30 mm

1,3 kg

C1 - C2

T167	1 024240167
TV160	1 024000706

T168

9



1262	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 PH3x150 mm
1262N	PH1x30 PH2x30 mm

1 kg

C1 - C2

T168	1 024240168
TV161	1 024000707

T170

7



1290	2,5x50 3x75 3,5x100 4x125 5,5x100 5,5x150 6,5x150 mm

450 g

C1 - C2

T170	1 024240170
TV170	1 024000741

T171

5



1290	8x150 8x200 10x200 mm
1290N	4x30 6,5x30 mm

750 g

C1 - C2

T171	1 024240171
TV171	1 024000742

T172

6



1292	PH0x60 PH0x100 PH1x80 PH1x120 PH2x100 PH2x150 mm

450 g

C1 - C2

T172	1 024240172
TV172	1 024000743

T173

4



1292	PH3x150 PH4x200 mm
1292N	PH1x30 PH2x30 mm

560 g

C1 - C2

T173	1 024240173
TV173	1 024000744

T175

7



1297TX	T6-T7-T8-T9 T10-T15-T20

410 g

C1 - C2

T175	1 024240175
TV175	1 024000760

T176

5



1297TX	T25-T27-T30 T40-T45

640 g

C1 - C2

T176	1 024240176
TV176	1 024000761

T177

8



1298RTX	T9-T10-T15 T20-T25-T27 T30-T40

680 g

C1 - C2

T177	1 024240177
TV177	1 024000759

T180

7



1290	3x75 4x100 5,5x150 6,5x150 mm
1292	PH0x60 PH1x80 PH2x100 mm

480 g

C1 - C2

T180	1 024240180
TV180	1 024000701

T183

5



1292L PH1x400-PH2x400 mm
1294L 3x300-4x400-5x400 mm

580 g

C2

T183	1 024240183
TV183	1 024000497

T202

6



1262 PH0x60
PH0x100
PH1x80
PH1x120
PH2x100
PH2x150 mm

490 g

C1 - C2

T202	1 024240202
TV172	1 024000743

T207

7



1268RTX T9-T10-T15
T20-T25-T27-T30

760 g

C1 - C2

T207	1 024240207
TV207	1 024000758

T198

7



1260 3x75
4x100
5,5x150
6,5x150 mm
1269PZ PZ0 - PZ1 - PZ2

490 g

C1 - C2

T198	1 024240198
TV180	1 024000701

T204

4



1262 PH3x150
PH4x200 mm
1262N PH1x30
PH2x30 mm

610 g

C1 - C2

T204	1 024240204
TV173	1 024000744

T208

7



1260 3x75
4x100
5,5x150
6,5x150 mm
1262 PH0x60
PH1x80
PH2x100 mm

530 g

C1 - C2

T208	1 024240208
TV180	1 024000701

T199

7



1260 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g

C1 - C2

T199	1 024240199
TV170	1 024000741

T205

7



1267TX T6-T7-T8-T9
T10-T15-T20

460 g

C1 - C2

T205	1 024240205
TV175	1 024000760

T209

5



1262L PH1x400-PH2x400 mm
1264L 3x300-4x400-5x400 mm

580 g

C2

T209	1 024240209
TV183	1 024000497

T201

5



1260 8x200
10x150
10x200 mm
1260N 4x30
6,5x30 mm

680 g

C1 - C2

T201	1 024240201
TV171	1 024000742

T206

5



1267TX T25-T27-T30
T40-T45

710 g

C1 - C2

T206	1 024240206
TV176	1 024000761

T210

7



1201 2,5x50
3x75
3,5x100
4x125
5,5x100
5,5x150
6,5x150 mm

490 g

C1 - C2

T210	1 024240210
TV170	1 024000741

T212

6



1202 PH0x60
PH1x80
PH1x120
PH2x100
PH2x150
PH3x150 mm

490 g

C1 - C2

T212	1 024240212
TV212	1 024000440

T215

7



1207TX T6-T7-T8-T9
T10-T15-T20

410 g

C1 - C2

T215	1 024240215
TV175	1 024000760

T220

7



1201 3x75
4x100
5,5x150
6,5x150 mm

1202 PH0x60
PH1x80
PH2x100 mm

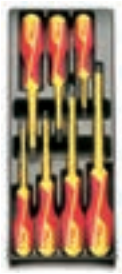
530 g

C1 - C2

T220	1 024240220
TV180	1 024000701

T226

7



1274MQ 3x100
4x100
5,5x125
6,5x150 mm

1272MQ PH0x60
PH1x80
PH2x100 mm

1000 V

460 g

C1 - C2

T226	1 024240226
TV180	1 024000701

T227

6



944BX 5-6-7-8-10-13 mm

490 g

C1-C2

T227	1 024240227
TV227	1 024000705

T228

7



1290INOX 3x75 - 4x100 -
5,5x150 - 6,5x150 mm

1292INOX PH0x60 - PH1x80 -
PH2x100 mm

480 g

C1-C2

T228	1 024240228
TV180	1 024000701

T231

5



1370 400 g
1390 Ø 35 mm
1719BMA/T 200 mm
1719BMA/P 200 mm
1719BMA/M 200 mm

1,7 kg

C2

T231	1 024240231
TV230	1 024000411

T233

4



35 100-200 mm
1370F 32 mm
1390 Ø 35 mm

1,3 kg

C1 - C2

T233	1 024240233
TV232	1 024000452

T234

4



35 100-200 mm
1370 300 g
1390 Ø 35 mm

1,3 kg

C1-C2

T234	1 024240234
TV232	1 024000452

T236

5



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

T239

7



31BM Ø 2-3-4-5-6-8 mm
32 Ø 4 mm

850 g

C1-C2

T239	1 024240239
TV239	1 024000439

T241

3



1500N/1
1500N/3
1516/1

4,2 kg

C2

T241	1	024240241
TV241	1	024000414

T250

Automotive

8



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

8



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

3,2 kg

C2

T256	1	024240256
TV256	1	024000467

T259

40



96BP	2,5-3-4-5 6-8-10 mm
96N	12 mm
860MIX/A31	
895/1	

950 g

C2

T259	1	024240259
TV263	1	024000492

T264

16



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

2,1 kg

C2

T264	1	024240264
TV261	1	024000466

T270

60



430	M3 - 4 - 5 - 6 - 7 - 8 - 9 10 - 12 - 14 - 16 - 18 - 20
433	M6x0,75 - M8x1 - M10x1,25 M12x1,5 - M14x1,5 M16x1,5 - M18x1,5
440	M3 - 4 - 5 - 6 - 7 - 8 - 9
440A	M10 - 12 - 14 - 16 - 18 - 20
441	M6x0,75 - M8x1,0
441A	M10x1,25 - M12x1,5 M14x1,5 - M16x1,5 M18x1,5

4,3 kg

C2

T270	1	024240270
TV270	1	024000481

T273

7



435/1,5	M3÷M12
435/3	M5÷M21
436/1	☐ 2,0÷5,0 mm (M3÷M8)
436/2	☐ 4,6÷8 mm (M5÷M12)
444/1	Ø 25,4 mm
444/2	Ø 38,1 mm
1707	W 62÷4x1"

2,1 kg

C2

T273	1	024240273
TV272	1	024000482

T281

1



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)

1,4 kg

C2

T281	1	024240281
TV280	1	024000478

T285

5



1112	250 mm
1128BM	-
1726	400 mm
1728BM	(5)
1753	200 cc

1,5 kg

C2

T285	1	024240285
TV285	1	024000487

T287

10



1128BMX	
1130BMX	
1719BMA/Q	200 mm
1719BMA/T	200 mm
1719BMA/P	200 mm
1719BMA/M	200 mm
1719BMA/R	200 mm
1726BM	400 mm
1728BM	
1771BM	170 mm
1778	185 mm

2,9 Kg

C2

T287	1	024240287
TV286	1	024249904

T289

4



1692	5 m
1725CR	-
1755	30 cc
1771	-

500 g

C2

T289	1	024240289
TV290	1	024000455

T291

3



1479RB/1
1479RB/2
1479RB/3

600 g

C2

T296	1	024240291
TV291	1	024000472

T297

3



1651DGT
1682
1691BM

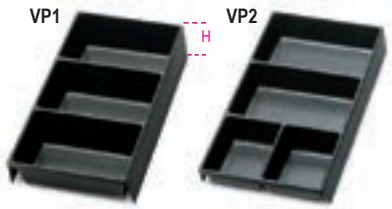
490 g

C1 - C2

T297	1	024240297
TV296	1	024000749

VP1 - VP2

thermoformed trays for small items,
made from plastic
for all roller cabs C22, C23, C23C

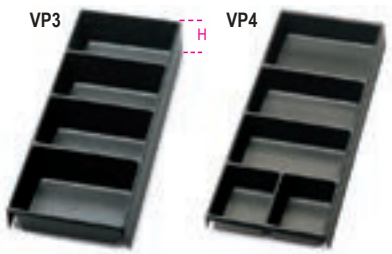


C1-C2

	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



C1-C2

	H mm		
VP3	45	1	088880353
VP4	35	1	088880354

VP5

thermoformed tray



C2

VP5	1	088880355

VP6

thermoformed tray



C2

VP6	1	088880359

VP-3SC

thermoformed tool trays,
made from plastic,
for mobile roller cab C38



C1-C2

	H mm		
VP-3SC	45	1	088880356

VP-LS

thermoformed tool trays,
made from plastic,
for mobile roller cab C38



C1-C2

	H mm		
VP-LS	45	1	088880357

VP-LD

thermoformed tool trays,
made from plastic,
for mobile roller cab C38

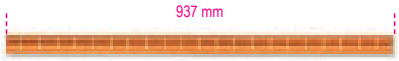


C1-C2

	H mm		
VP-LD	45	1	088880358

GA/C38-C

supporting unit for item C38



GA/C38-C	5	088880370

GA/C38-SX
supporting unit for item C38



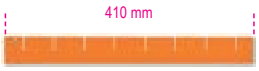
GA/C38-SX 5 088880372

GA/C38-DX
supporting unit for item C38



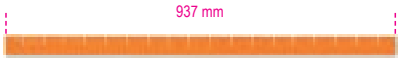
GA/C38-DX 5 088880371

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



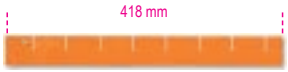
GA/C41 5 088880340

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

	H mm	LxP mm
C1	50	588x367
C2	70	588x367



Partitions for tool chests C22, C23, C23C

	H mm	LxP mm
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



	L mm		
SB1	210	10	088880201
SB2	280	10	088880202
SB3	360	10	088880203

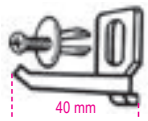
MB

socket clips for rails SB



	□		
MB0	1/4	50	088880210
MB1	3/8	50	088880211
MB2	1/2	50	088880212

KIT/GPS



KIT/GPS	50	088880119

VE1



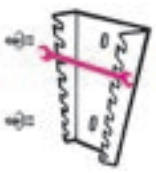
VE1	20	088880120

GM



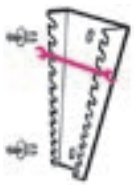
Ø mm		
6,5	5	088880250
9,5	5	088880251
13	5	088880252
16	5	088880253
19	5	088880254
25	5	088880255

S55/8



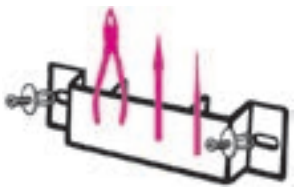
S55/8 55-55MP: 6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22 mm	1	088880400

S55/12



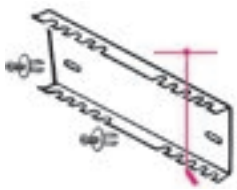
S55/12 55-55MP: 6x7-8x9-10x11 12x13-14x15-16x17 18x19-20x22-21x23 24x26-25x28-30x32 mm	1	088880401

TSPP



TSPP	1	088880402

S952



S952 952: 6-7-8-10-11 12-13-14-17-19 mm	1	088880403

S1719BM



S1719BM 1719BMA: Q-T-P-M-R 1719BMD: Q-T-P-M-R	1	088880404

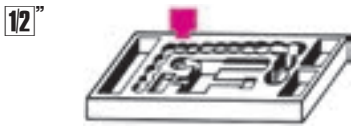
SGN



SGN 1290N-1292N-1299N/PZ 1260N-1262N-1269N/PZ 1201N-1202N	1	088880405

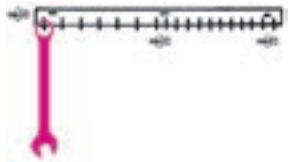
CB/2

only for C54



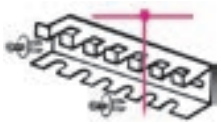
CB/2 920A/920B 10÷24+26-27 28-30-32 mm	1	088880411

S42/18



S42/18 42-42MP: 6÷22+24 mm 42-42MP: 6÷14+16-17 18-19-21-22-24-27-30 mm	1	088880408

S951/6



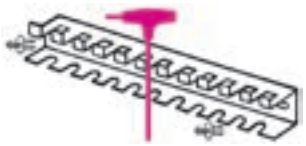
S951/6 951: 2,5-3-4-5-6-8 mm	1	088880409

SP G9 - SP G11



SP G9 n.6 Ø = 7 mm n.2 Ø = 10 mm n.1 Ø = 12 mm	1	088880909
SP G11 n.8 Ø = 7 mm n.2 Ø = 10 mm n.1 Ø = 12 mm	1	088880910

96T/SPV



96T/SPV	1	000960958

BLISTER PACK RANGE

free-service sales!

- **Increased visibility**
- **Display efficiency**
- **Bar code**



Blister pack support:
- tearproof PVC
- 4 formats for optimized display space
- New-generation fixing system with elastic band

42K



mm		
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
25x25	2	000429025
26x26	2	000429026
27x27	2	000429027
28x28	2	000429028
29x29	2	000429029
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
21x23	2	000559078
24x26	2	000559087
24x27	2	000559090
25x28	2	000559096
27x29	2	000559099
30x32	2	000559108

90K



mm		
6x7	5	000909006
8x9	5	000909012
10x11	5	000909018
12x13	5	000909027
14x15	5	000909033
16x17	5	000909039
18x19	5	000909045
20x22	3	000909051
21x23	2	000909057
24x26	2	000909063
24x27	2	000909067
25x28	2	000909070
30x32	2	000909080

93K



mm		
21x22	3	000939021

94K



mm		
8x10	2	000949008
10x11	2	000949010
11x13	2	000949011
14x17	2	000949015
17x19	2	000949017
19x22	2	000949019
22x24	2	000949022
24x27	2	000949024

96/SC9



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

96/ST6K



96/ST6K 2,5-3-4-5-6-8 mm	3	000969370

96N/ST6K



96N/ST6K 2,5-3-4-5-6-8 mm	3	000969640

96BPA/SC9



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

96BPC/SC9



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

96C/AS



"		
1/16	20	000961702
3/32	20	000961706
1/8	20	000961710
5/32	20	000961714
3/16	20	000961716
7/32	20	000961718
1/4	20	000961720
5/16	10	000961724
3/8	10	000961728

96LBP/SC9



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

96/BGS7



96/BGS7 1,5-2-2,5-3-4-5-6 mm	1	000960367

96/BG7



96/BG7 2,5-3-4-5-6-8-10 mm	1	000960368

96TK



mm		
2	5	000969934
2,5	5	000969935
3	5	000969936
4	5	000969938
5	5	000969940
6	5	000969941
8	3	000969943

97BTX/SC8



97BTX/SC8 T9-T10-T15-T20-T25-T27-T30-T40	1	000970164

111K



L mm		
150	5	001119015
200	5	001119020
250	5	001119025
300	3	001119030

123/K4



123/K4	1	001230504

142K



L mm		
7	3	001429007
8	3	001429008
10	3	001429010
13	3	001429013
17	2	001429017
19	2	001429019
22	1	001429022
24	1	001429024

192/S2



192/S2 8x10/12x13 16x17/18x19 mm	1	001920070

195K



mm		
8x10	2	001959010
12x13	2	001959013
14x15	2	001959015
16x18	2	001959018
17x19	2	001959019

374K



L mm		
240	1	003749024

850MQ



L mm		
233	1	008500910

855P



L1 mm		
240	1	008550010

860/58K



L mm		
126	1	008609884

860LP



SxA mm		
0,5x3	5	008600005
0,6x4,5	5	008600010
0,8x5,5	5	008600015
1x5,5	5	008600020
1,2x6,5	5	008600025

860PH



PH		
0	5	008600220
1	5	008600225
2	5	008600230
3	5	008600245
4	5	008600250

860PZ



PZ		
1	5	008600320
2	5	008600325
3	5	008600330
4	5	008600335

860PE



mm		
2	5	008600101
2,5	5	008600102
3	5	008600103
4	5	008600104
5	5	008600105
6	5	008600106
8	5	008600108
10	5	008600110

860TX



T6	5	008600704
T7	5	008600705
T8	5	008600710
T9	5	008600715
T10	5	008600720
T15	5	008600725
T20	5	008600730
T25	5	008600735
T27	5	008600740
T30	5	008600745
T40	5	008600750

860RTX



T9	5	008600550
T10	5	008600555
T15	5	008600560
T20	5	008600565
T25	5	008600570
T27	5	008600575
T30	5	008600580
T40	5	008600585

860/C27



860/C27	1	008600880

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



L mm		
100	5	009009819

900/25K



L mm		
41	5	009009830

900BG/30K



L mm		
128	5	009009834

900/55K



L mm		
125	5	009009870

920AK



mm		
10	10	009209010
11	10	009209011
12	10	009209012
13	10	009209013
14	10	009209014
15	10	009209015
16	10	009209016
17	10	009209017
18	10	009209018
19	10	009209019
20	5	009209020
21	5	009209021
22	5	009209022
23	5	009209023
24	5	009209024
25	5	009209025
26	5	009209026
27	5	009209027
28	5	009209028
29	5	009209029
30	5	009209030
32	5	009209032

920/21K



L mm		
125	5	009209822

920/25K



L mm		
75	5	009209830

920/55K



L mm		
275	3	009209882

935K



mm		
6x7	5	009359105
8x9	5	009359111
10x11	5	009359115
12x13	5	009359117
14x15	5	009359126
16x17	5	009359128
18x19	5	009359131
20x22	3	009359138

937K



mm		
6x6	5	009379006
7x7	5	009379007
8x8	5	009379008
9x9	5	009379009
10x10	5	009379010
11x11	5	009379011
12x12	5	009379012
13x13	5	009379013
14x14	5	009379014
15x15	5	009379015
16x16	5	009379016
17x17	5	009379017
18x18	5	009379018
19x19	5	009379019
20x20	5	009379020
21x21	3	009379021
22x22	3	009379022

943BXK



mm		
5,5	5	009439005
6	5	009439006
7	5	009439007
8	5	009439008
10	3	009439010
13	3	009439013

951K



mm		
2,5	5	009519525
3	5	009519530
4	5	009519540
5	5	009519550
6	5	009519560
8	5	009519580

1032K



L mm		
180	5	010329017

1034K



L mm		
170	5	010349017

1036K



L mm		
175	5	010369017

1038K



L mm		
175	5	010389017

1044K



L mm		
250	5	010449250

1044FK



L mm		
250	5	010449015

1046K



L mm		
240	5	010469240

1048K



L mm		
250	5	010489250

1048VK



L mm		
250	5	010489025

1052K



L mm		
190	3	010529019
240	3	010529024

1082BMK



L mm		
140	3	010829034
160	3	010829036

1084BMK



L mm		
160	3	010849036

1096K



L mm		
200	5	010969020

1098K



L mm		
190	5	010989190
220	5	010989220

1098PLK



L mm		
220	5	010989320

1112K



L mm		
200	2	011129020

1122K



L mm		
250	2	011229020

1123K



L mm		
250	2	011239020

1124K



L mm		
250	2	011249020

1128BAX



L mm		
150	5	011280088

1128BCX



L mm		
155	5	011280080

1128BMX



L mm		
145	5	011280050

1128BSX



L mm		
145	5	011280060

1128BTX



L mm		
155	5	011280070

1129BMK



L mm		
145	5	011299000

1130BMX



L mm		
190	1	011300001

1142BMK



L mm		
160	3	011429036

1149F



L mm		
175	1	011490010

1150BMK



L mm		
160	3	011509036
180	3	011509038
200	3	011509040
220	2	011509042

1162BMK



L mm		
160	3	011629036

1164BMK



L mm		
160	3	011649036

1166BMK



L mm		
160	3	011669036

1168BMK



L mm		
160	3	011689036

1201K



SxAxL mm		
0,4x2,5x50	5	012019003
0,5x3x75	5	012019009
0,5x3x100	5	012019012
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
1x4,5x120	5	012029012
2x6x100	5	012029018
2x6x150	5	012029021
3x8x150	3	012029024

1202NK



PHxDxL mm		
1x4,5x30	3	012029103
2x6x30	3	012029106

1204K



SxDxL mm		
0,4x2,5x60	5	012049003
0,5x3x100	5	012049009
0,8x4x100	5	012049012
1x5x125	5	012049018

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

1208RTXK



T9	5	012089009
T10	5	012089010
T15	5	012089015
T20	5	012089020
T25	5	012089025
T30	5	012089030

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

1260K



SxAxL		
0,4x2,5x50	5	012609003
0,4x2,5x75	5	012609006
0,5x3x75	5	012609009
0,5x3x100	5	012609012
0,6x3,5x75	5	012609018
0,6x3,5x100	5	012609021
0,8x4x100	5	012609030
0,8x4x125	5	012609033
0,8x4x150	5	012609036
1x5,5x100	5	012609039
1x5,5x150	5	012609042
1,5x6,5x100	5	012609048
1,2x6,5x150	5	012609051
1,2x8x150	3	012609057
1,2x8x200	3	012609060
1,6x10x200	3	012609066

1260NK



SxAxL mm		
0,8x4x30	5	012609103
1,2x6,5x30	5	012609106

1260EK



SxAxL mm		
1,2x6,5x150	3	012609156
1,2x8x175	3	012609157
1,6x10x200	2	012609159
2x12x250	2	012609162

1262K



PHxDxL mm		
0x3x60	5	012629003
0x3x100	5	012629006
1x4,5x80	5	012629009
1x4,5x120	5	012629012
2x6x100	5	012629018
2x6x150	5	012629021
3x8x150	3	012629024
4x10x200	3	012629027

1262NK



PHxDxL		
1x4,5x30	5	012629103
2x6x30	5	012629106

1262EK



PHxDxL mm		
2x6x150	3	012629153
3x8x175	3	012629156
4x10x200	3	012629159

1264K



SxDxL mm		
0,5x2,5x60	5	012649003
0,6x3x75	5	012649006
0,6x3x100	5	012649009
0,8x4x100	5	012649012
0,8x4x125	5	012649015
1x5x125	5	012649018
1x5x150	5	012649021
1,2x6,5x150	5	012649024

1267TXK

T5	5	012679005
T6	5	012679006
T7	5	012679007
T8	5	012679008
T9	5	012679009
T10	5	012679010
T15	5	012679015
T20	5	012679020
T25	5	012679025
T27	5	012679027
T30	5	012679030
T40	2	012679040
T45	2	012679045

1268RTXK



T9	3	012689009
T10	3	012689010
T15	3	012689015
T20	3	012689020
T25	3	012689025
T27	3	012689027
T30	3	012689030
T40	2	012689040

1269PZK



PZ		
0	5	012699000
1	5	012699001
2	5	012699002
3	3	012699003
4	3	012699004

1269N/PZK



PZ		
1	5	012699011
2	5	012699012

1290K

SxAxL mm		
0,4x2,5x50	5	012909003
0,4x2,5x75	5	012909006
0,5x3x75	10	012909009
0,5x3x100	10	012909012
0,6x3,5x75	10	012909018
0,6x3,5x100	10	012909021
0,8x4x100	10	012909030
0,8x4x125	10	012909033
0,8x4x150	10	012909036
1x5,5x100	10	012909039
1x5,5x150	10	012909042
1,2x6,5x100	10	012909048
1,2x6,5x150	10	012909051
1,2x8x150	3	012909057
1,2x8x200	3	012909060
1,6x10x200	3	012909066

1290NK



SxAxL mm		
0,8x4x30	5	012909103
1,2x6,5x30	5	012909106

1292K



PHxDxL mm		
0x3x60	10	012929003
0x3x100	5	012929006
1x4,5x80	10	012929009
1x4,5x120	10	012929012
2x6x100	10	012929018
2x6x150	10	012929021
3x8x150	3	012929024
4x10x200	3	012929027

1292NK



PHxDxL mm		
1x4,5x30	5	012929103
2x6x30	5	012929106

1294K

SxDxL mm		
0,5x2,5x60	5	012949003
0,6x3x75	5	012949006
0,8x4x100	5	012949012
1x5x125	5	012949018

1298RTXK

T9	5	012989009
T10	5	012989010
T15	5	012989015
T20	5	012989020

T25	5	012989025
T27	5	012989027
T30	5	012989030
T40	2	012989040

1299PZK



PZ		
0	5	012999000
1	5	012999003
2	5	012999006

1299N/PZK



PZ		
1	5	012999021
2	5	012999024

1472VW



L mm		
200	1	014720051

1473P



A Max mm		
53	1	014730020

1497RC



1497RC	1	014970351

1603BK



mm²		
0÷8	2	016039010

1691BM



L m	S mm		
5	25	1	016910205
8	32	1	016910208
10	32	1	016910210

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



Ø mm	2,4	3,2	4	4,8	5
Aluminium	•	•	•	•	•
Steel	•	•	•	•	•
Stainless steel	•	•	•		

1741B	1	017410000

1741U



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

1770BM



L mm	A mm		
140	9	10	017700050

1771BM



L mm	A mm		
170	18	10	017710050

1772R



L mm	A mm		
125	18	5	017720006

1773A



L mm	A mm		
180	25	10	017730000

1777BMT



L mm	L1 mm	A mm		
170	80	19	5	017770050

1777T



L mm	A mm	L1 mm		
160	19	65	5	017770030

1783



L mm		
215	5	017830021
240	5	017830024

1820



1820 30 30W L = 210mm	1	018200003
1820 60 60W L = 220mm	1	018200006
1820 80 80W L = 260mm	1	018200008

1822



1822 120 120W LxA = 250x125 mm	1	018220012
1822 180 180W LxA = 250x125mm	1	018220018
1822 320 320W LxA = 250x140mm	1	018220032

1834PS



L mm		
150	1	018340310

1834PM



L mm		
140	1	018340320

1834PL



L mm		
210	1	018340325

1834PXL



1834PXL	1	018340330

1836B



1836B	1	018360200

1837N



L mm		
450	1	018370002

1838COB



1838COB	1	018380010

1838P



1838P	1	018380005

1847K



L mm		
180	1	018470101

Beta

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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

942BX/DG

wall-mounted display
with 43 hi-torque hexagon nut spinners, short series



330x260x332 mm

display with assortment		
942BX/DG	1	009420701

		n.
942BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display		
942BX/DVG	1	009420751

944BX/DG

wall-mounted display with 43 deep hi-torque hexagon nut spinners with handles, long series



330x260x332 mm

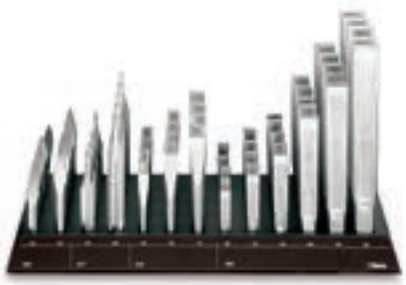
display with assortment		
944BX/DG	1	009440701

		n.
944BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display		
943BX/DVG	1	009430751

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

943BX/DG

wall-mounted display
with 43 hi-torque hexagon nut spinners, long series



330x260x332 mm

display with assortment		
943BX/DG	1	009430701

		n.
943BX	5 - 5,5 mm	3
	6 - 7 mm	6
	8 - 9 - 10 mm	5
	11 mm	2
	12 mm	3
	13 mm	5

empty display		
943BX/DVG	1	009430751

943MQ/BG

wall-mounted display
with 30 hexagon nut spinners



1000 V 330x260x332 mm

display with assortment		
943MQ/BG	1	009430281

		n.
943MQ	5,5 - 6 - 7 - 8 - 10 - 13 mm	5

empty display		
943BG-MQ/DV	1	009430285

1203/E1P

wall-mounted display with 82 screwdrivers



495x260x310 mm

display with assortment			
1203/E1P		1	012030301

		n.
1201	0,4x2,5x50 - 0,5x3x75 - 0,6x3,5x100 0,8x4x100 - 0,8x4x125 mm	7
	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



495x260x310 mm

display with assortment			
1203/E5P		1	012030305

		n.
1202	PH0x3x60 mm	7
	PH1x4,5x80 - PH1x4,5x120 PH2x6x100 - PH2x6x150 mm	6
	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

1263/E78

wall-mounted display with 78 screwdrivers



495x260x310 mm

display with assortment			
1263/E78		1	012630510

		n.
1260	2,5x75-3x75-3,5x100 mm	7
1262	PH0x60 mm	7
	4x100-4x125-5,5x100-5,5x150-6,5x150 mm	6
	8x150 mm	4
	PH1x80-PH2x100 mm	6
	PH3x150	4

empty display			
1263 /EV78		1	012630511

1203/E4P

wall-mounted display with 85 screwdrivers



495x260x310 mm

display with assortment			
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



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
1208RTX	T9 - T10	3
	T15 - T20 - T25	6
	T27 - T30	3

empty display			
1203/EV10P		1	012030360

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 5,5x150 - 6,5x150 mm	6
	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/E62

wall-mounted display
with 62 screwdrivers



495x260x257 mm

display
with assortment
1263/E62 1 012630590

		n.
1267TX	T5	5
	T6	6
	T7	5
	T8	6
	T9	5
	T10 - T15 - T20	6
	T25	5
	T27 - T30	4
	T40 - T45	2

empty
display
1263/EV62 1 012630591

1263/E40

wall-mounted display
with 40 screwdrivers



330x260x327 mm

display
with assortment
1263/E40 1 012630580

		n.
1269	PZ0x60 mm	7
	PZ1x80 mm	6
	PZ2x100 - PZ3x150 - PZ4x200 mm	5
1269N	PZ1x30 - PZ2x30 mm	6

empty
display
1263/EV40 1 012630581

1263/E50

wall-mounted display
with 50 screwdrivers



330x260x269 mm

display
with assortment
1263/E50 1 012630570

		n.
1264	2,5x60 - 3x75 - 3x100 mm	7
	4x100 - 4x125 - 5x125 - 5x150 mm	6
	6,5x150 mm	5

empty
display
1263/EV50 1 012630571

1263/E39

wall-mounted display
with 39 screwdrivers



330x260x257 mm

display
with assortment
1263/E39 1 012630595

		n.
1268RTX	T9x60 - T10x80 - T15x80 T20x100 - T25x100 mm	6
	T27x115 mm	4
	T30x115 mm	3
	T40x130 mm	2

empty
display
1263/EV39 1 012630596

1273MQ/E1

wall-mounted display with 40 screwdrivers



1000 V 330x260x332 mm

display
with assortment
1273MQ/E1 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
1273BG-MQ/DV 1 012730651

1293BX/DA

wall-mounted display with 90 screwdrivers



495x260x332 mm

display with assortment				
1293BX/DA			1	012930701

		n.
1290	3x75 - 3,5x100 - 4x100 - 4x125 5,5x100 - 5,5x150 mm	7
	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			
1293BX/DVA	1	012930751

1293BX/DE

wall-mounted display with 42 screwdrivers



330x260x332 mm

display with assortment			
1293BX/DE	1	012930705

		n.
1299PZ	PZ0x60 - PZ1x80 mm	7
	PZ2x100 mm	6
	PZ3x150 - PZ4x200 mm	5
1299N/PZ	PZ1x30 - PZ2x30 mm	6

empty display			
1293BX/DVE	1	012930755

C68

Beta wall display, empty



1000x560x2200 mm

C68/1	1 m	1	068000001
C68/2	2 m	1	068000002
C68/3	3 m	1	068000003
C68/4	4 m	1	068000004
C68/5	5 m	1	068000005
C68/6	6 m	1	068000006
C68/7	7 m	1	068000007
C68/8	8 m	1	068000008
C68/9	9 m	1	068000009
C68/10	10 m	1	068000010

1293BX/DD

wall-mounted display with 48 screwdrivers



330x260x332 mm

display with assortment			
1293BX/DD	1	012930704

		n.
1294	2,5x60 - 3x75 - 3x100 - 4x100 4x150 - 5x125 mm	7
	6,5x150 mm	6

empty display			
1293BX/DVD	1	012930754

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

C68 G

"gondola" display



1000x1120x1600 mm

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 m	1	088000001

C88VE

display tray for display walls C88

suitable for housing coils of chains item 8120



C88VE	1	088000120

6888

hooks for displays C60 - C61 - C68 - C88



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

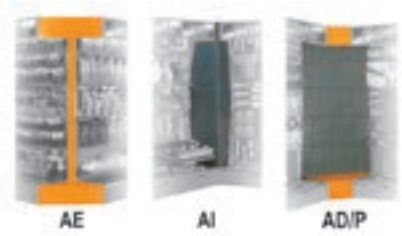
6800 VE

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

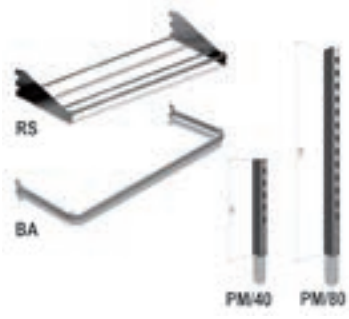
ACCESSORIES



6800 AE	1	068000145
6800 AI	1	068000140
6800 AD/P	1	068000143



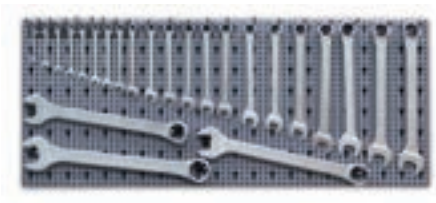
6800 CB/100	1	068000104
6800 FB/100	1	068000109
6800 FO/100	1	068000108
6800 PL	1	068000137
6800 RP/100	1	068000150
6800 GR/37	1	068000159



6800 BA	1	068000130
6800 RS	1	068000135
6800 PM/40	1	068000171
6800 PM/80	1	068000172

6600 M/11

assortment of 154 tools,
with hooks without panel



6600 M/11	1	066000011

6600 M/22

assortment of 108 tools,
with hooks without panel



6600 M/22	1	066000022

6600 M/27

assortment of 25 tools,
with hooks without panel



6600 M/27	1	066000027

6600 M/38

assortment of 107 tools
with hooks without panel



6600 M/38	1	066000038

6600 M/39

assortment of 77 tools,
with hooks without panel



6600 M/39 — 1 — 066000039

6600 M/52

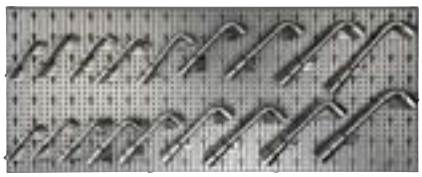
assortment of 176 tools
with hooks without panel



6600 M/52 — 1 — 066000052

6600 M/73

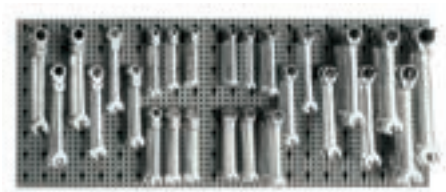
assortment of 68 tools
with hooks without panel



6600 M/73 — 1 — 066000073

6600 M/40

assortment of 100 tools,
with hooks without panel



6600 M/40 — 1 — 066000040

6600 M/58

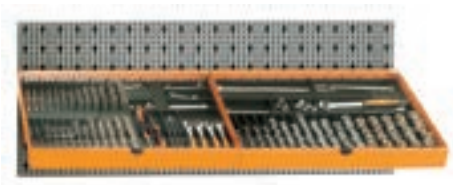
assortment of 150 tools
with hooks without panel



6600 M/58 — 1 — 066000058

6600 M/112

assortment of 329 tools,
with hooks without panel



6600 M/112 — 1 — 066000112

6600 M/47

assortment of 65 tools,
with hooks without panel



6600 M/47 — 1 — 066000047

6600 M/61

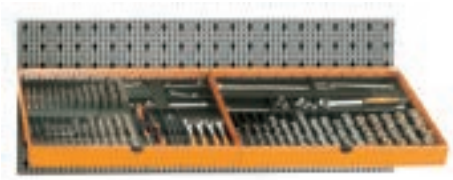
assortment of 71 tools,
with hooks without panel



6600 M/61 — 1 — 066000061

6600 M/116

assortment of 306 tools,
with hooks without panel



6600 M/116 — 1 — 066000116

6600 M/51

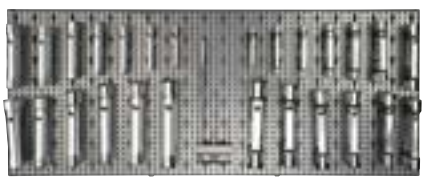
assortment of 257 tools
with hooks without panel



6600 M/51 — 1 — 066000051

6600 M/63

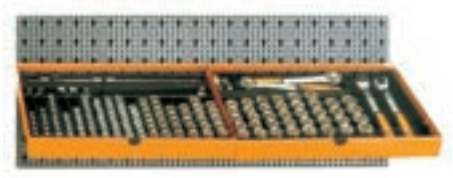
assortment of 110 tools
with hooks without panel



6600 M/63 — 1 — 066000063

6600 M/120

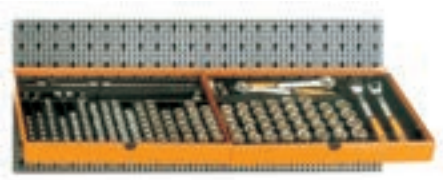
assortment of 163 tools,
with hooks without panel



6600 M/120 — 1 — 066000120

6600 M/125

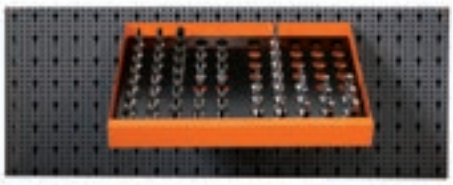
assortment of 133 tools,
with hooks without panel



6600 M/125 — 1 — 066000125

6600 M/126

assortment of 58 tools,
with hooks without panel



6600 M/126 — 1 — 066000126

6600 M/131

assortment of 92 tools,
with hooks without panel



6600 M/131 — 1 — 066000131

6600 M/172

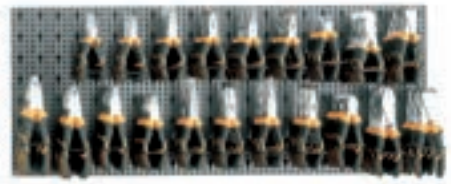
assortment of 13 tools,
with hooks without panel



6600 M/172 — 1 — 066000172

6600 M/216

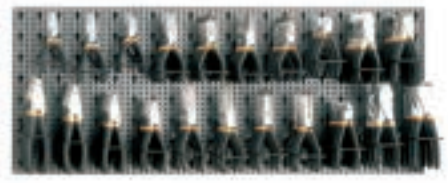
assortment of 80 tools
with hooks without panel



6600 M/216 — 1 — 066000216

6600 M/221

assortment of 83 tools
with hooks without panel



6600 M/221 — 1 — 066000221

6600 M/230

assortment of 78 tools,
with hooks without panel



6600 M/230 — 1 — 066000230

6600 M/234

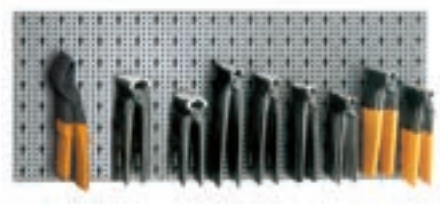
assortment of 31 tools
with hooks without panel



6600 M/234 — 1 — 066000234

6600 M/241

assortment of 43 tools,
with hooks without panel



6600 M/241 — 1 — 066000241

6600 M/244

assortment of 91 tools
with hooks without panel



6600 M/244 — 1 — 066000244

6600 M/311

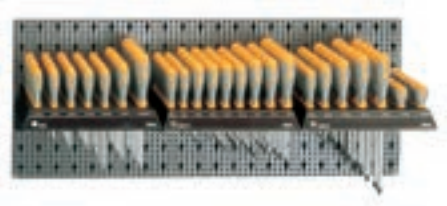
assortment of 114 tools,
with hooks without panel



6600 M/311 — 1 — 066000311

6600 M/315

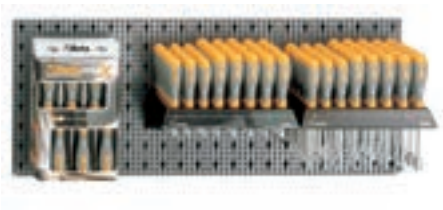
assortment of 149 tools,
with hooks without panel



6600 M/315 — 1 — 066000315

6600 M/320

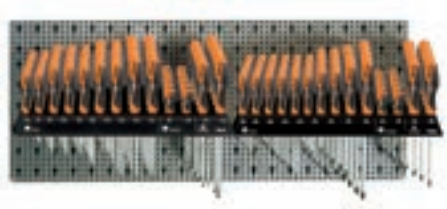
assortment of 98 tools,
with hooks without panel



6600 M/320	1	066000320

6600 M/326

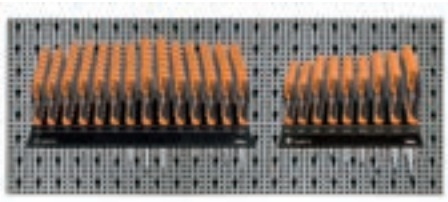
assortment of 155 tools,
with hooks without panel



6600 M/326	1	066000326

6600 M/327

assortment of 101 tools,
with hooks without panel



6600 M/327	1	066000327

6600 M/330

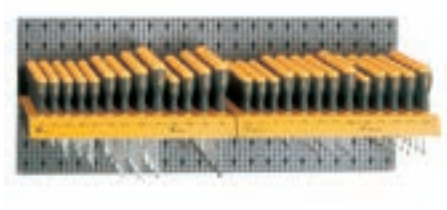
assortment of 110 tools,
with hooks without panel



6600 M/330	1	066000330

6600 M/370

assortment of 162 tools,
with hooks without panel



6600 M/370	1	066000370

6600 M/378

assortment of 73 tools
with hooks without panel



6600 M/378	1	066000378

6600 M/417

assortment of 43 tools, with hooks without panel



6600 M/417	1	066000417

6600 M/418

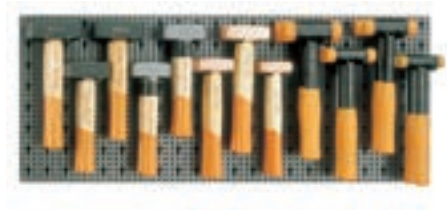
assortment of 35 tools,
with hooks without panel



6600 M/418	1	066000418

6600 M/427

assortment of 24 tools,
with hooks without panel



6600 M/427	1	066000427

6600 M/430

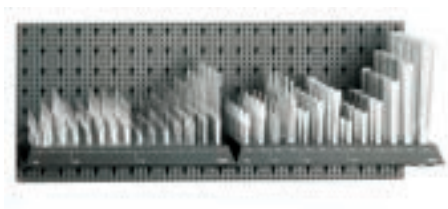
assortment of 29 tools,
with hooks without panel



6600 M/430	1	066000430

6600 M/440

assortment of 140 tools,
with hooks without panel



6600 M/440	1	066000440

6600 M/456

assortment of 41 tools,
with hooks without panel



6600 M/456	1	066000456

6600 M/464

assortment of 36 tools,
with hooks without panel



6600 M/464 — 1 — 066000464

6600 M/528

assortment of 60 tools,
with hooks without panel



6600 M/528 — 1 — 066000528

6600 M/583

assortment of 22 tools
with hooks without panel



6600 M/583 — 1 — 066000583

6600 M/480

assortment of 18 tools,
with hooks without panel



6600 M/480 — 1 — 066000480

6600 M/532

assortment of 24 tools
with hooks without panel



6600 M/532 — 1 — 066000532

6600 M/619

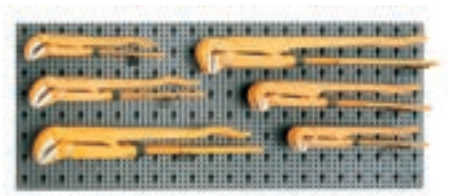
assortment of 67 tools,
with hooks without panel



6600 M/619 — 1 — 066000619

6600 M/485

assortment of 12 tools,
with hooks without panel



6600 M/485 — 1 — 066000485

6600 M/542

assortment of 53 tools,
with hooks without panel



6600 M/542 — 1 — 066000542

6600 M/637

assortment of 87 tools,
with hooks without panel



6600 M/637 — 1 — 066000637

6600 M/510

assortment of 16 tools,
with hooks without panel



6600 M/510 — 1 — 066000510

6600 M/561

assortment of 60 tools,
with hooks without panel



6600 M/561 — 1 — 066000561

6600 M/650

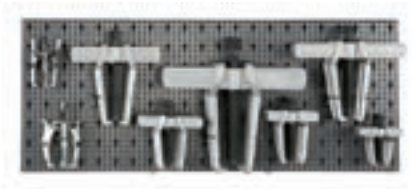
assortment of 28 tools,
with hooks without panel



6600 M/650 — 1 — 066000650

6600 M/657

assortment of 17 tools,
with hooks without panel



6600 M/657 — 1 — 066000657

6600 M/658

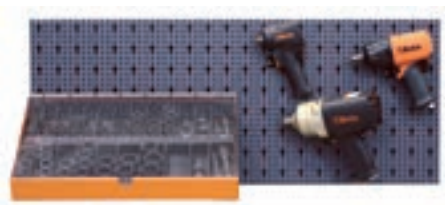
assortment of 14 tools
with hooks without panel



6600 M/658 — 1 — 066000658

6600 M/715

assortment of 63 tools,
with hooks without panel



6600 M/715 — 1 — 066000715

6600 M/814

assortment of 58 tools,
with hooks without panel



6600 M/814 — 1 — 066000814

6600 M/840

assortment of 36 tools,
with hooks without panel



6600 M/840 — 1 — 066000840

6600 M/841

assortment of 20 tools,
with hooks without panel

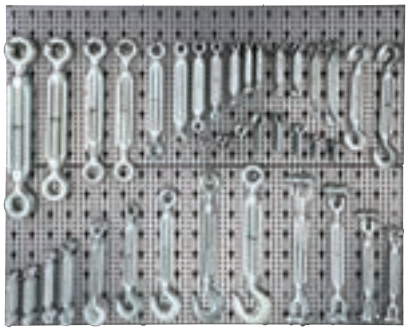


6600 M/841 — 1 — 066000841

Robur

8600 R/10

assortment of 672 wire rope accessories,
with hanging hooks without panel



8600 R/10 — 1 — 086000010

8600 R/112

assortment of 1942 wire rope accessories,
with hanging hooks without panel



8600 R/112 — 1 — 086000112

8600 R/224

assortment of 61 wire rope accessories,
with hooks without panel



8600 R/224 — 1 — 086000224

8600 R/411

assortment of 551 wire rope accessories,
STAINLESS STEEL,
with hooks without panel



8600 R/411 — 1 — 086000411

8600 E/R

assortment of 3226 wire rope accessories,
with hooks without display stand



8600 E/R	1	086000917

6600 E/A10

assortment of 605 tools
with hooks without display stand



6600 E/A10	1	066000912

6600 E/A30

assortment of 723 tools
with hooks without display stand



6600 E/A30	1	066000924

6600 E/A20

assortment of 917 tools
with hooks without display stand



6600 E/A20	1	066000913

6600 E/B10

assortment of 596 tools
with hooks without display stand



6600 E/B10	1	066000925

6600 E/C10

assortment of 309 tools
with hooks without display stand



6600 E/C10	1	066000929

6600 E/B20

assortment of 601 tools
with hooks without display stand



6600 E/B20	1	066000926

6600 E/K20

assortment of 386 tools
with hooks without display stand



6600 E/K20	1	066000984

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.

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.

BASIC



7241B

leather shoe, with penetration proof insole

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

EU	UK		
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

S1P SRC

7241C

leather shoe, waterproof,
with penetration proof insole

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072410535
36	3,5	1	072410536
37	4,5	1	072410537
38	5	1	072410538
39	6	1	072410539
40	6,5	1	072410540
41	7	1	072410541
42	8	1	072410542
43	9	1	072410543
44	10	1	072410544
45	10,5	1	072410545
46	11	1	072410546
47	12	1	072410547
48	13	1	072410548





CE

S3 SRC

7241FT

leather shoe, waterproof,
without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole

EN ISO 20347 2012

EU	UK		
35	2,5	1	072410635
36	3,5	1	072410636
37	4,5	1	072410637
38	5	1	072410638
39	6	1	072410639
40	6,5	1	072410640
41	7	1	072410641
42	8	1	072410642
43	9	1	072410643
44	10	1	072410644
45	10,5	1	072410645
46	11	1	072410646
47	12	1	072410647
48	13	1	072410648





CE

O2 FO SRC

7243B

leather ankle shoe, with penetration proof insole

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011





EU	UK		
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

S1P SRC

7243C

leather ankle shoe, waterproof,
with penetration proof insole and quick opening system

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	072430335
36	3,5	1	072430336
37	4,5	1	072430337
38	5	1	072430338
39	6	1	072430339
40	6,5	1	072430340
41	7	1	072430341
42	8	1	072430342
43	9	1	072430343
44	10	1	072430344
45	10,5	1	072430345
46	11	1	072430346
47	12	1	072430347
48	13	1	072430348

CE

S3 RS SRC

7243CR

leather ankle shoe, waterproof,
with durable rubber outsole
and quick opening system

- Steel toe cap
- Elastic steel penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	072430735
36	3,5	1	072430736
37	4,5	1	072430737
38	5	1	072430738
39	6	1	072430739
40	6,5	1	072430740
41	7	1	072430741
42	8	1	072430742
43	9	1	072430743
44	10	1	072430744
45	10,5	1	072430745
46	11	1	072430746
47	12	1	072430747
48	13	1	072430748

CE

S3 RS HRO SRC

7243FT

leather ankle shoe, waterproof,
without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole

EN ISO 20347 2012





EU	UK		
35	2,5	1	072430635
36	3,5	1	072430636
37	4,5	1	072430637
38	5	1	072430638
39	6	1	072430639
40	6,5	1	072430640
41	7	1	072430641
42	8	1	072430642
43	9	1	072430643
44	10	1	072430644
45	10,5	1	072430645
46	11	1	072430646
47	12	1	072430647
48	13	1	072430648

CE

O2 FO SRC

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

EN ISO 20345 2011

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

S3 RS SRC



7246B

suede shoe, perforated

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

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

S1P SRC



7247B

leather sandal, perforated

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

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

S1P SRC



7328EA

safety boot, "Top Visibility"

- Steel toe cap
- Stainless steel penetration proof insole

EN ISO 20345 2011

EU	UK			
38	5	1	073280538	
39	6	1	073280539	
40	6,5	1	073280540	
41	7	1	073280541	
42	8	1	073280542	
43	9	1	073280543	
44	10	1	073280544	
45	10,5	1	073280545	
46	11	1	073280546	
47	12	1	073280547	



CE

S5 SRC



7328EN

safety boot

- Steel toe cap
- Stainless steel penetration proof insole



EN ISO 20345 2011

EU	UK		
38	5	1	073280738
39	6	1	073280739
40	6,5	1	073280740
41	7	1	073280741
42	8	1	073280742
43	9	1	073280743
44	10	1	073280744
45	10,5	1	073280745
46	11	1	073280746
47	12	1	073280747

CE

S5 SRC



7220PE

leather shoe, waterproof, with nylon inserts, reinforcement polyurethane toe cap cover and refractive heel insert

- Steel toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	072200135
36	3,5	1	072200136
37	4,5	1	072200137
38	5	1	072200138
39	6	1	072200139
40	6,5	1	072200140
41	7	1	072200141
42	8	1	072200142
43	9	1	072200143
44	10	1	072200144
45	10,5	1	072200145
46	11	1	072200146
47	12	1	072200147
48	13	1	072200148

CE

S3 SRC

7221PE

leather ankle shoe, waterproof, with nylon inserts, quick opening system, reinforcement polyurethane toe cap cover and refractive heel insert

- Steel toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	072210135
36	3,5	1	072210136
37	4,5	1	072210137
38	5	1	072210138
39	6	1	072210139
40	6,5	1	072210140
41	7	1	072210141
42	8	1	072210142
43	9	1	072210143
44	10	1	072210144
45	10,5	1	072210145
46	11	1	072210146
47	12	1	072210147
48	13	1	072210148

CE

S3 RS SRC

7224PE

suede shoe, perforated, with nylon inserts, reinforcement polyurethane toe cap cover and refractive heel insert

- Steel toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	072240135
36	3,5	1	072240136
37	4,5	1	072240137
38	5	1	072240138
39	6	1	072240139
40	6,5	1	072240140
41	7	1	072240141
42	8	1	072240142
43	9	1	072240143
44	10	1	072240144
45	10,5	1	072240145
46	11	1	072240146
47	12	1	072240147
48	13	1	072240148

CE

S1P SRC



BASIC PLUS



7200BKK

full-grain leather shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



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

S3 SRC



7200PN

full-grain leather shoe, waterproof, with waterproof suede inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	072000535
36	3,5	1	072000536
37	4,5	1	072000537
38	5	1	072000538
39	6	1	072000539
40	6,5	1	072000540
41	7	1	072000541
42	8	1	072000542
43	9	1	072000543
44	10	1	072000544
45	10,5	1	072000545
46	11	1	072000546
47	12	1	072000547
48	13	1	072000548

CE

S3 SRC



7201BKK

full-grain leather ankle shoe, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

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

S3 SRC

7201PN

full-grain leather ankle shoe, waterproof, with waterproof suede inserts
Quick double-clip opening system

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072010535
36	3,5	1	072010536
37	4,5	1	072010537
38	5	1	072010538
39	6	1	072010539
40	6,5	1	072010540
41	7	1	072010541
42	8	1	072010542
43	9	1	072010543
44	10	1	072010544
45	10,5	1	072010545
46	11	1	072010546
47	12	1	072010547
48	13	1	072010548



CE

S3 RS SRC

7208WR

full-grain leather ankle shoe, waterproof,
with durable rubber outsole and quick opening system.
WR (water resistant footwear) - after 1,000 steps in a tank with 3 cm of water, the wet internal surface has to be ≤3 cm² (spot)

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011

EU	UK		
38	5	1	072080238
39	6	1	072080239
40	6,5	1	072080240
41	7	1	072080241
42	8	1	072080242
43	9	1	072080243
44	10	1	072080244
45	10,5	1	072080245
46	11	1	072080246
47	12	1	072080247



CE

S3 RS WR HRO SRC

7210BKK

soft suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

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



CE

S1P SRC

7210PB

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072100435
36	3,5	1	072100436
37	4,5	1	072100437
38	5	1	072100438
39	6	1	072100439
40	6,5	1	072100440
41	7	1	072100441
42	8	1	072100442
43	9	1	072100443
44	10	1	072100444
45	10,5	1	072100445
46	11	1	072100446
47	12	1	072100447
48	13	1	072100448



CE S1P SRC

7211PG

suede shoe, perforated

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072110435
36	3,5	1	072110436
37	4,5	1	072110437
38	5	1	072110438
39	6	1	072110439
40	6,5	1	072110440
41	7	1	072110441
42	8	1	072110442
43	9	1	072110443
44	10	1	072110444
45	10,5	1	072110445
46	11	1	072110446
47	12	1	072110447
48	13	1	072110448



CE S1P SRC

7216BKK

soft suede sandal,
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

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



CE S1P SRC

7216SN

suede sandal, perforated,
with strap closure

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072160435
36	3,5	1	072160436
37	4,5	1	072160437
38	5	1	072160438
39	6	1	072160439
40	6,5	1	072160440
41	7	1	072160441
42	8	1	072160442
43	9	1	072160443
44	10	1	072160444
45	10,5	1	072160445
46	11	1	072160446
47	12	1	072160447
48	13	1	072160448



CE S1P SRC

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

EN ISO 20345 2011





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

S3 RS HRO SRC

TREKKING



7235B

action Nubuck shoe, waterproof, with nylon inserts

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	072350235
36	3,5	1	072350236
37	4,5	1	072350237
38	5	1	072350238
39	6	1	072350239
40	6,5	1	072350240
41	7	1	072350241
42	8	1	072350242
43	9	1	072350243
44	10	1	072350244
45	10,5	1	072350245
46	11	1	072350246
47	12	1	072350247
48	13	1	072350248

CE

S3 SRC

7236B

sction Nubuck ankle shoe, waterproof, with nylon inserts

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	072360235
36	3,5	1	072360236
37	4,5	1	072360237
38	5	1	072360238
39	6	1	072360239
40	6,5	1	072360240
41	7	1	072360241
42	8	1	072360242
43	9	1	072360243
44	10	1	072360244
45	10,5	1	072360245
46	11	1	072360246
47	12	1	072360247
48	13	1	072360248

CE

S3 SRC

7248G

suede shoe with mesh inserts

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072480135
36	3,5	1	072480136
37	4,5	1	072480137
38	5	1	072480138
39	6	1	072480139
40	6,5	1	072480140
41	7	1	072480141
42	8	1	072480142
43	9	1	072480143
44	10	1	072480144
45	10,5	1	072480145
46	11	1	072480146
47	12	1	072480147
48	13	1	072480148



CE S1P SRC

7249G

suede ankle shoe with mesh inserts

- Steel toe cap
- Elastic steel penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	072490135
36	3,5	1	072490136
37	4,5	1	072490137
38	5	1	072490138
39	6	1	072490139
40	6,5	1	072490140
41	7	1	072490141
42	8	1	072490142
43	9	1	072490143
44	10	1	072490144
45	10,5	1	072490145
46	11	1	072490146
47	12	1	072490147
48	13	1	072490148



CE S1P SRC

SNEAKERS



7250NKK

suede shoe, waterproof,
with microfibre inserts

- Composite toe cap with breathable membrane
- Composite fibre penetration proof insole

EN ISO 20345 2011

Sepang

EU	UK		
38	5	1	072500238
39	6	1	072500239
40	6,5	1	072500240
41	7	1	072500241
42	8	1	072500242
43	9	1	072500243
44	10	1	072500244
45	10,5	1	072500245
46	11	1	072500246
47	12	1	072500247



CE S1P SRC

7251NKK

suede ankle shoe, waterproof,
with microfibre inserts

- Composite toe cap with breathable membrane
- Composite fibre penetration proof insole

EN ISO 20345 2011





EU	UK		
38	5	1	072510238
39	6	1	072510239
40	6,5	1	072510240
41	7	1	072510241
42	8	1	072510242
43	9	1	072510243
44	10	1	072510244
45	10,5	1	072510245
46	11	1	072510246
47	12	1	072510247

CE S1P SRC

7252NKK

Nubuck ankle shoe, waterproof,
with waterproof microfibre inserts

- Composite toe cap with breathable membrane
- Composite fibre penetration proof insole

EN ISO 20345 2011





EU	UK		
38	5	1	072520138
39	6	1	072520139
40	6,5	1	072520140
41	7	1	072520141
42	8	1	072520142
43	9	1	072520143
44	10	1	072520144
45	10,5	1	072520145
46	11	1	072520146
47	12	1	072520147

CE S3 SRC

7253NKK

Nubuck ankle shoe, waterproof,
with waterproof microfibre inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011





EU	UK		
38	5	1	072530138
39	6	1	072530139
40	6,5	1	072530140
41	7	1	072530141
42	8	1	072530142
43	9	1	072530143
44	10	1	072530144
45	10,5	1	072530145
46	11	1	072530146
47	12	1	072530147

CE S3 SRC

7258NKK

suede shoe, waterproof,
with waterproof nylon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011





EU	UK		
38	5	1	072580138
39	6	1	072580139
40	6,5	1	072580140
41	7	1	072580141
42	8	1	072580142
43	9	1	072580143
44	10	1	072580144
45	10,5	1	072580145
46	11	1	072580146
47	12	1	072580147

CE S3 SRC

7259NKK

suede ankle shoe, waterproof,
with waterproof nylon inserts

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
38	5	1	072590138
39	6	1	072590139
40	6,5	1	072590140
41	7	1	072590141
42	8	1	072590142
43	9	1	072590143
44	10	1	072590144
45	10,5	1	072590145
46	11	1	072590146
47	12	1	072590147

CE

S3 SRC

7313B

suede shoe
with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	073130835
36	3,5	1	073130836
37	4,5	1	073130837
38	5	1	073130838
39	6	1	073130839
40	6,5	1	073130840
41	7	1	073130841
42	8	1	073130842
43	9	1	073130843
44	10	1	073130844
45	10,5	1	073130845
46	11	1	073130846
47	12	1	073130847
48	13	1	073130848

CE

S1P SRC

7313G

suede shoe
with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	073130635
36	3,5	1	073130636
37	4,5	1	073130637
38	5	1	073130638
39	6	1	073130639
40	6,5	1	073130640
41	7	1	073130641
42	8	1	073130642
43	9	1	073130643
44	10	1	073130644
45	10,5	1	073130645
46	11	1	073130646
47	12	1	073130647
48	13	1	073130648

CE

S1P SRC

7313T

suede shoe
with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
35	2,5	1	073130735
36	3,5	1	073130736
37	4,5	1	073130737
38	5	1	073130738
39	6	1	073130739
40	6,5	1	073130740
41	7	1	073130741
42	8	1	073130742
43	9	1	073130743
44	10	1	073130744
45	10,5	1	073130745
46	11	1	073130746
47	12	1	073130747
48	13	1	073130748

CE

S1P SRC

7316N

suede shoe, waterproof,
with microfibre insert

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	073160535
36	3,5	1	073160536
37	4,5	1	073160537
38	5	1	073160538
39	6	1	073160539
40	6,5	1	073160540
41	7	1	073160541
42	8	1	073160542
43	9	1	073160543
44	10	1	073160544
45	10,5	1	073160545
46	11	1	073160546
47	12	1	073160547
48	13	1	073160548



CE S3 SRC

7320M

suede shoe, waterproof,
with microfibre insert

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	073200335
36	3,5	1	073200336
37	4,5	1	073200337
38	5	1	073200338
39	6	1	073200339
40	6,5	1	073200340
41	7	1	073200341
42	8	1	073200342
43	9	1	073200343
44	10	1	073200344
45	10,5	1	073200345
46	11	1	073200346
47	12	1	073200347
48	13	1	073200348



CE S3 SRC

7323M

suede ankle shoe, waterproof,
with microfibre insert

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	073230335
36	3,5	1	073230336
37	4,5	1	073230337
38	5	1	073230338
39	6	1	073230339
40	6,5	1	073230340
41	7	1	073230341
42	8	1	073230342
43	9	1	073230343
44	10	1	073230344
45	10,5	1	073230345
46	11	1	073230346
47	12	1	073230347
48	13	1	073230348



CE S3 SRC

7334T

suede moccasin
with nylon mesh and PU inserts

- Fibreglass toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

EU	UK		
35	2,5	1	073340335
36	3,5	1	073340336
37	4,5	1	073340337
38	5	1	073340338
39	6	1	073340339
40	6,5	1	073340340
41	7	1	073340341
42	8	1	073340342
43	9	1	073340343
44	10	1	073340344
45	10,5	1	073340345
46	11	1	073340346
47	12	1	073340347
48	13	1	073340348



CE S1P SRC

URBAN



7360UN

suede shoe, waterproof

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073600335
36	3,5	1	073600336
37	4,5	1	073600337
38	5	1	073600338
39	6	1	073600339
40	6,5	1	073600340
41	7	1	073600341
42	8	1	073600342
43	9	1	073600343
44	10	1	073600344
45	10,5	1	073600345
46	11	1	073600346
47	12	1	073600347
48	13	1	073600348

CE

S3 SRC

7361UB

suede shoe, perforated,
with canvas inserts, breathable

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073610235
36	3,5	1	073610236
37	4,5	1	073610237
38	5	1	073610238
39	6	1	073610239
40	6,5	1	073610240
41	7	1	073610241
42	8	1	073610242
43	9	1	073610243
44	10	1	073610244
45	10,5	1	073610245
46	11	1	073610246
47	12	1	073610247
48	13	1	073610248

CE

S1P SRC

7361UM

suede shoe, perforated,
with canvas inserts, breathable

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073610335
36	3,5	1	073610336
37	4,5	1	073610337
38	5	1	073610338
39	6	1	073610339
40	6,5	1	073610340
41	7	1	073610341
42	8	1	073610342
43	9	1	073610343
44	10	1	073610344
45	10,5	1	073610345
46	11	1	073610346
47	12	1	073610347
48	13	1	073610348

CE

S1P SRC

7368UG

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073680435
36	3,5	1	073680436
37	4,5	1	073680437
38	5	1	073680438
39	6	1	073680439
40	6,5	1	073680440
41	7	1	073680441
42	8	1	073680442
43	9	1	073680443
44	10	1	073680444
45	10,5	1	073680445
46	11	1	073680446
47	12	1	073680447
48	13	1	073680448

CE

S3 SRC

7368UM

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073680535
36	3,5	1	073680536
37	4,5	1	073680537
38	5	1	073680538
39	6	1	073680539
40	6,5	1	073680540
41	7	1	073680541
42	8	1	073680542
43	9	1	073680543
44	10	1	073680544
45	10,5	1	073680545
46	11	1	073680546
47	12	1	073680547
48	13	1	073680548

CE

S3 SRC

7368UN

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073680335
36	3,5	1	073680336
37	4,5	1	073680337
38	5	1	073680338
39	6	1	073680339
40	6,5	1	073680340
41	7	1	073680341
42	8	1	073680342
43	9	1	073680343
44	10	1	073680344
45	10,5	1	073680345
46	11	1	073680346
47	12	1	073680347
48	13	1	073680348

CE

S3 SRC

7369UB

suede ankle shoe, waterproof,
soft fabric collar with protective malleolar padding

- Composite toe cap
- Composite fibre penetration-proof insole

EN ISO 20345 2011





EU	UK		
35	2,5	1	073690235
36	3,5	1	073690236
37	4,5	1	073690237
38	5	1	073690238
39	6	1	073690239
40	6,5	1	073690240
41	7	1	073690241
42	8	1	073690242
43	9	1	073690243
44	10	1	073690244
45	10,5	1	073690245
46	11	1	073690246
47	12	1	073690247
48	13	1	073690248

CE

S3 SRC

SNEAKERS PRO



7340B

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EN ISO 20345 2011





EU	UK		
36	3,5	1	073400236
37	4,5	1	073400237
38	5	1	073400238
39	6	1	073400239
40	6,5	1	073400240
41	7	1	073400241
42	8	1	073400242
43	9	1	073400243
44	10	1	073400244
45	10,5	1	073400245
46	11	1	073400246
47	12	1	073400247

CE

S1P SRC

7340Y

mesh fabric shoe, highly breathable,
with high-frequency PU inserts and protective toe cap reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EN ISO 20345 2011





EU	UK		
36	3,5	1	073400336
37	4,5	1	073400337
38	5	1	073400338
39	6	1	073400339
40	6,5	1	073400340
41	7	1	073400341
42	8	1	073400342
43	9	1	073400343
44	10	1	073400344
45	10,5	1	073400345
46	11	1	073400346
47	12	1	073400347

CE

S1P SRC

7341N

microsuede shoe, waterproof,
with high-frequency PU inserts and protective toe cap reinforcement made of crust suede.
Extremely lightweight - approximate weight, size 42: 470 g

- Aluminium toe cap
- Composite fibre penetration-proof insole
- FixLock closing makes it easier to put and remove the shoe (traditional laces included)

EN ISO 20345 2011





EU	UK		
36	3,5	1	073410236
37	4,5	1	073410237
38	5	1	073410238
39	6	1	073410239
40	6,5	1	073410240
41	7	1	073410241
42	8	1	073410242
43	9	1	073410243
44	10	1	073410244
45	10,5	1	073410245
46	11	1	073410246
47	12	1	073410247

CE

S3 SRC

7349RP

shoe made of Nubuck crust leather, waterproof
with rubber outsole and soft PU ring

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

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

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

EN ISO 20345 2011

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

S3 HRO SRC



7290AKK

full-grain leather shoe, waterproof, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011

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

S3 SRC

7291AKK

full-grain leather ankle shoe, waterproof, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EN ISO 20345 2011

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

S3 SRC

7300B

full-grain leather shoe, "free time" style, waterproof, without toe cap and penetration proof insole

- Without toe cap
- Without penetration proof insole



EN ISO 20347 2012

EU	UK		
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

O2 FO SRC

7300BKK

full-grain leather shoe, highly breathable

- Composite toe cap
- Composite fibre penetration proof insole



EN ISO 20345 2011

EU	UK		
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

S3 SRC

7318ESD

perforated suede shoe, ESD

- Composite toe cap
- Composite fibre penetration proof insole



EN ISO 20345 2011

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

S1P SRC

HEAVY DUTY



7293NB

greased Nubuck shoe, waterproof,
with anti-abrasion microfibre insert and durable rubber outsole
Lateral ankle support

- Aluminium toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
38	5	1	072930538
39	6	1	072930539
40	6,5	1	072930540
41	7	1	072930541
42	8	1	072930542
43	9	1	072930543
44	10	1	072930544
45	10,5	1	072930545
46	11	1	072930546
47	12	1	072930547
48	13	1	072930548

CE

S3 HRO SRC



7293NG

greased Nubuck shoe, waterproof,
with anti-abrasion microfibre insert and hard-wearing rubber outsole
Lateral foot support

- Aluminium toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
38	5	1	072930438
39	6	1	072930439
40	6,5	1	072930440
41	7	1	072930441
42	8	1	072930442
43	9	1	072930443
44	10	1	072930444
45	10,5	1	072930445
46	11	1	072930446
47	12	1	072930447
48	13	1	072930448

CE

S3 HRO SRC



7293NKK

greased Nubuck shoe,
with dynamic control system
and durable VIBRAM® rubber outsole

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011





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

S3 HRO SRC



7294NB

greased ankle Nubuck shoe, waterproof,
with anti-abrasion microfibre insert and durable rubber outsole
Lateral ankle support

- Aluminium toe cap
- Composite fibre penetration proof insole



EN ISO 20345 2011

EU	UK		
38	5	1	072940538
39	6	1	072940539
40	6,5	1	072940540
41	7	1	072940541
42	8	1	072940542
43	9	1	072940543
44	10	1	072940544
45	10,5	1	072940545
46	11	1	072940546
47	12	1	072940547
48	13	1	072940548

CE

S3 HRO SRC

7294NG

greased Nubuck ankle shoe, waterproof,
with anti-abrasion microfibre insert and hard-wearing rubber outsole
Lateral foot support

- Aluminium toe cap
- Composite fibre penetration proof insole



EN ISO 20345 2011

EU	UK		
38	5	1	072940438
39	6	1	072940439
40	6,5	1	072940440
41	7	1	072940441
42	8	1	072940442
43	9	1	072940443
44	10	1	072940444
45	10,5	1	072940445
46	11	1	072940446
47	12	1	072940447
48	13	1	072940448

CE

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



EN ISO 20345 2011

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

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



EN ISO 20345 2011

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

S3 HRO CI HI SRC

7295

full-grain leather boot, waterproof,
with hard-wearing VIBRAM(R) rubber outsole.
"Iron Tire" tread, designed for improved
grip on unstable grounds and icy surfaces

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



EU	UK		
39	6	1	072950139
40	6,5	1	072950140
41	7	1	072950141
42	8	1	072950142
43	9	1	072950143
44	10	1	072950144
45	10,5	1	072950145
46	11	1	072950146

CE

S3 HRO CI SRC

7327NKK

full-grain leather boot,
“POLAR” style, waterproof

- Composite toe cap
- Composite fibre penetration proof insole

EN ISO 20345 2011



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

S3 HRO SRA

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

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

EN ISO 20345 2011



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

S3 HRO CI SRC

ACCESSORIES



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

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

7398CX

anatomically shaped Coolmax® underfoot covers



EU	UK		
35	2,5	1	073980935
36	3,5	1	073980936
37	4,5	1	073980937
38	5	1	073980938
39	6	1	073980939
40	6,5	1	073980940
41	7	1	073980941
42	8	1	073980942
43	9	1	073980943
44	10	1	073980944
45	10,5	1	073980945
46	11	1	073980946
47	12	1	073980947
48	13	1	073980948

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

7398ST

anatomically shaped On Steam underfoot covers



EU	UK		
35	2,5	1	073981035
36	3,5	1	073981036
37	4,5	1	073981037
38	5	1	073981038
39	6	1	073981039
40	6,5	1	073981040
41	7	1	073981041
42	8	1	073981042
43	9	1	073981043
44	10	1	073981044
45	10,5	1	073981045
46	11	1	073981046
47	12	1	073981047
48	13	1	073981048

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

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

Prices refer to 10 pairs

7399B...

pack of 10 pairs of laces, beige



	cm		
7399B 90	90	1	073990015
7399B 120	120	1	073990016

Prices refer to 10 pairs

7399G...

pack of 10 pairs of laces, grey



	cm		
7399G 110	110	1	073990018

7410

ankle length socks made of polypropylene with cotton and Cupron® feet



	EU		
S	37-39	1	074100001
M	40-42	1	074100002
L	43-45	1	074100003
XL	46-48	1	074100004

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

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

7415

ankle length socks
made from Coolmax®, Dryarn® and Cordura®



	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®, Dryarn® and Cordura®



	EU		
S	37-39	1	074160001
M	40-42	1	074160002
L	43-45	1	074160003
XL	46-48	1	074160004

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

BETA WORK

Over the years the workwear line has gained confidence and popularity among the most demanding professionals.
The success of the product has translated into the ongoing development and expansion of the range.

The items of clothing produced by Beta Utensili S.p.a. comply with the following standard:
EN ISO 13688:2013
Personal protective equipment protects the user from limited physical hazards, including small abrasions, sunbeams, wind, cold, non-harmful powders and dirt from nontoxic materials. Such protection is related to the first category of Italian Parliamentary Bill n°. 475 of 04/12/1992.

USE AND STORAGE INSTRUCTIONS
The garment should be worn correctly, so that it can protect the user's body parts. It should be stored in a cool, dry place, in its original packaging, away from heat sources, sunlight, dust and adverse weather.

PACKAGING
- WORKWEAR: hanging bag
- FREE TIME WEAR: non-hanging bag

SHRINKAGE
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
XS	46	38	42	40	30	32
S	48	40	44	42	32	34
M	50	42	46	44	34	36
L	52	44	48	46	36	38
XL	54	46	50	48	38	40
XXL	56	48	52	50	40	42
XXXL	58	50	54	52	42	44
4XL	60	52	56	54	44	46

Beta

EN ISO 13688:2013

	XS	S	M	L	XL	2XL	3XL	4XL
A	88-92	92-96	96-104	104-108	108-116	116-124	124-132	132-140
B	79-83	83-87	87-91	91-95	95-100	100-107	107-112	112-120
H	158-164	164-170	170-176	176-182	182-188	188-194	194-200	200-206

PANTS



7505M

camouflage multipocket trousers, 100% cotton twill, 260 g/m²



XS	1	075050246
S	1	075050248
M	1	075050250
L	1	075050252
XL	1	075050254
XXL	1	075050256
XXXL	1	075050258

7515M

camouflage multipocket Bermuda shorts, 100% cotton twill, 260 g/m²



XS	1	075150246
S	1	075150248
M	1	075150250
L	1	075150252
XL	1	075150254
XXL	1	075150256
XXXL	1	075150258

7525

prewashed stretch work jeans, 68% denim cotton, 29% polyester, 3% stretch fabric, 10 ounces



XS	1	075250046
S	1	075250048
M	1	075250050
L	1	075250052
XL	1	075250054
XXL	1	075250056
XXXL	1	075250058

7526

work jeans in stretch denim cotton, prewashed
68% denim cotton, 29% polyester,
3% stretch fabric, 10 ounces
Polyester 600D reinforcements in rear pockets and on leg bottoms. Slim fit



XS	1	075260046
S	1	075260048
M	1	075260050
L	1	075260052
XL	1	075260054
XXL	1	075260056
XXXL	1	075260058

7815N

work trousers, multipocket style, twisted T/C canvas, 280 g/m² with polyester inserts, black



XS	1	078150000
S	1	078150001
M	1	078150002
L	1	078150003
XL	1	078150004
XXL	1	078150005
XXXL	1	078150006

7816BL

work trousers, multipocket style, T/C canvas, 260 g/m², blue
Knee pad pockets and leg bottoms reinforced in polyester 600D, tearproof crotch and stretch rear insert for easier movements



XS	1	078160100
S	1	078160101
M	1	078160102
L	1	078160103
XL	1	078160104
XXL	1	078160105
XXXL	1	078160106

7816G

work trousers, multipocket style, in T/C canvas 260 g/m², grey
Knee pad pockets and leg bottoms reinforced in
polyester 600D, tearproof crotch and elastic rear insert
for easier movements



XS	1	078160000
S	1	078160001
M	1	078160002
L	1	078160003
XL	1	078160004
XXL	1	078160005
XXXL	1	078160006

7816ST

stretch work trousers
T/C twill, 250 g/m², grey,
slim fit, tearproof crotch and stretch waistband on sides



XS	1	078160200
S	1	078160201
M	1	078160202
L	1	078160203
XL	1	078160204
XXL	1	078160205
XXXL	1	078160206



7546BL

three-button polo shirt, pique cotton, 220 g/m², blue



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/m², grey



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/m², black



XS	2	075460200
S	2	075460201
M	2	075460202
L	2	075460203
XL	2	075460204
XXL	2	075460205
XXXL	2	075460206

7548BL

work t-shirt, 100% jersey cotton, 180 g/m², blue



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/m², grey



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/m², black



XS	5	075480200
S	5	075480201
M	5	075480202
L	5	075480203
XL	5	075480204
XXL	5	075480205
XXXL	5	075480206



7622G

fleece jacket, 280 g/m², with polyester inserts, anthracite grey/black



XS	1	076220000
S	1	076220001
M	1	076220002
L	1	076220003
XL	1	076220004
XXL	1	076220005
XXXL	1	076220006

7632G

fleece pullover, 280 g/m², with polyester inserts, anthracite grey/black



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/m² anthracite grey



XS	1	076350510
S	1	076350511
M	1	076350512
L	1	076350513
XL	1	076350514
XXL	1	076350515
XXXL	1	076350516

7635N

microfleece sweater, short-zipped, 180 g/m² black



XS	1	076350500
S	1	076350501
M	1	076350502
L	1	076350503
XL	1	076350504
XXL	1	076350505
XXXL	1	076350506



7575A

sleeveless jacket, waterproof ripstop nylon 200 g/m², padded and lined, black



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



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



XS	1	075780000
S	1	075780001
M	1	075780002
L	1	075780003
XL	1	075780004
XXL	1	075780005
XXXL	1	075780006

7683

softshell jacket, 94% polyester, 6% spandex, 290 g/m² with detachable hood and sleeves, black/orange Waterproof three layer fabric, with waterproof, windproof, breathable TPU membrane



S	1	076830001
M	1	076830002
L	1	076830003
XL	1	076830004
XXL	1	076830005
XXXL	1	076830006

7684

softshell jacket, 94% polyester, 6% spandex, 290 g/m² black/grey
Waterproof three layer fabric, with waterproof, windproof, breathable TPU membrane



S	1	076840001
M	1	076840002
L	1	076840003
XL	1	076840004
XXL	1	076840005
XXXL	1	076840006

7685

bomber jacket, made of nylon 20D, with down-like polyester
padding, 80 g/m², blue
Supplied in a convenient, room-saving bag



S	1	076850001
M	1	076850002
L	1	076850003
XL	1	076850004
XXL	1	076850005
XXXL	1	076850006

7685BL

nylon 20D bomber jacket, with polyester down-like padding, 80 g/m², blue
Supplied in a convenient, room-saving bag



S	1	076850101
M	1	076850102
L	1	076850103
XL	1	076850104
XXL	1	076850105
XXXL	1	076850106

7733

parka jacket made of waterproof Oxford 300D polyester, PU-coated, black
Foldaway hood and polyester padding, 180 g/m²



S	1	077330001
M	1	077330002
L	1	077330003
XL	1	077330004
XXL	1	077330005
XXXL	1	077330006

7734

triple use Anorak jacket made of Oxford polyester 300D,
waterproof, PU-coated, grey
With foldaway hood
and detachable interior jacket, 100% made of polyester, black

CE



S	1	077340001
M	1	077340002
L	1	077340003
XL	1	077340004

7780N

anorak, 100% 230D dobby 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

BASIC

7840BL

work trousers, T/C twill, 245 g/m², blue
Stretch waistband on sides

CE



XS	1	078400100
S	1	078400101
M	1	078400102
L	1	078400103
XL	1	078400104
XXL	1	078400105
XXXL	1	078400106
XXXXL	1	078400107

7849BL

work jacket, T/C twill, 245 g/m², blue
Stretch waistband

CE



XS	1	078490100
S	1	078490101
M	1	078490102
L	1	078490103
XL	1	078490104
XXL	1	078490105
XXXL	1	078490106
XXXXL	1	078490107

EASY LIGHT

7860E

work trousers, lightweight,
T/C twill, 180 g/m², with Oxford inserts, grey

CE



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/m², grey

CE



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/m², with Oxford inserts, grey



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/m², with Oxford inserts, grey



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/m², with Oxford inserts, grey



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/m²
with Oxford inserts, grey



XS	1	078690900
S	1	078690901
M	1	078690902
L	1	078690903
XL	1	078690904
XXL	1	078690905
XXXL	1	078690906
XXXXL	1	078690907



7870E

work trousers, lightweight,
T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078700900
S	1	078700901
M	1	078700902
L	1	078700903
XL	1	078700904
XXL	1	078700905
XXXL	1	078700906
XXXXL	1	078700907

7871E

work Bermuda shorts, lightweight
T/C twill 180 g/m², blue



XS	1	078710900
S	1	078710901
M	1	078710902
L	1	078710903
XL	1	078710904
XXL	1	078710905
XXXL	1	078710906
XXXXL	1	078710907

7873E

work overalls, lightweight
T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078730900
S	1	078730901
M	1	078730902
L	1	078730903
XL	1	078730904
XXL	1	078730905
XXXL	1	078730906
XXXXL	1	078730907

7875E

work overall, lightweight
T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078750900
S	1	078750901
M	1	078750902
L	1	078750903
XL	1	078750904
XXL	1	078750905
XXXL	1	078750906
XXXXL	1	078750907

7877E

sleeveless work jacket, multipocket style, lightweight
T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078770900
S	1	078770901
M	1	078770902
L	1	078770903
XL	1	078770904
XXL	1	078770905
XXXL	1	078770906
XXXXL	1	078770907

7879E

work jacket, lightweight, T/C twill 180 g/m², with Oxford inserts, blue



XS	1	078790900
S	1	078790901
M	1	078790902
L	1	078790903
XL	1	078790904
XXL	1	078790905
XXXL	1	078790906
XXXXL	1	078790907



7900E

work trousers, multipocket style,
in T/C canvas, 260 g/m², Oxford insets, grey



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/m², grey



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/m², Oxford insets, grey



XS	1	079030900
S	1	079030901
M	1	079030902
L	1	079030903
XL	1	079030904
XXL	1	079030905
XXXL	1	079030906
XXXXL	1	079030907

7905E

work overalls in T/C canvas, 260 g/m², Oxford insets, grey



XS	1	079050900
S	1	079050901
M	1	079050902
L	1	079050903
XL	1	079050904
XXL	1	079050905
XXXL	1	079050906
XXXXL	1	079050907

7904E

work bomber jacket, T/C canvas, 260 g/m², padded, lined, "Oxford" insets, grey



XS	1	079040900
S	1	079040901
M	1	079040902
L	1	079040903
XL	1	079040904
XXL	1	079040905
XXXL	1	079040906
XXXXL	1	079040907

7907E

sleeveless work jacket, multipocket style, in T/C canvas, 260 g/m², Oxford insets, grey



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/m², Oxford insets, grey



XS	1	079090900
S	1	079090901
M	1	079090902
L	1	079090903
XL	1	079090904
XXL	1	079090905
XXXL	1	079090906
XXXXL	1	079090907

TOP LINE

7820

work trousers, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey



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/m², black/grey



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/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey



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/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey



XS	1	078250000
S	1	078250001
M	1	078250002
L	1	078250003
XL	1	078250004
XXL	1	078250005
XXXL	1	078250006
XXXXL	1	078250007

7829

work jacket, twisted T/C canvas, 280 g/m², Cordura® and Reflex 3M Scotchlite™ insets, black/grey



XS	1	078290000
S	1	078290001
M	1	078290002
L	1	078290003
XL	1	078290004
XXL	1	078290005
XXXL	1	078290006
XXXXL	1	078290007



7930P

work trousers, 100% cotton, 260 g/m², payne grey



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/m², flannelette lining, 115 g/m², payne grey



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/m², payne grey



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/m², payne grey



XS	1	079330100
S	1	079330101
M	1	079330102
L	1	079330103
XL	1	079330104
XXL	1	079330105
XXXL	1	079330106

7939P

work jacket, 100% cotton, 260 g/m², payne grey



XS	1	079390100
S	1	079390101
M	1	079390102
L	1	079390103
XL	1	079390104
XXL	1	079390105
XXXL	1	079390106



7971E

waterproof trousers, PVC-coated polyester, with thermo-taped seams, blue



XS	1	079710000
S	1	079710001
M	1	079710002
L	1	079710003
XL	1	079710004
XXL	1	079710005
XXXL	1	079710006

7935P

work overalls, 100% cotton, 260 g/m², payne grey



XS	1	079350100
S	1	079350101
M	1	079350102
L	1	079350103
XL	1	079350104
XXL	1	079350105
XXXL	1	079350106

7970

waterproof trousers in PVC Tricot, blue



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



XS	1	079730000
S	1	079730001
M	1	079730002
L	1	079730003
XL	1	079730004
XXL	1	079730005
XXXL	1	079730006

7978E

waterproof jacket, PVC-coated polyester, with thermo-taped seams, blue



XS	1	079780000
S	1	079780001
M	1	079780002
L	1	079780003
XL	1	079780004
XXL	1	079780005
XXXL	1	079780006

7979

waterproof jacket in PVC Tricot, blue



S	1	079790001
M	1	079790002
L	1	079790003
XL	1	079790004
XXL	1	079790005
XXXL	1	079790006



7991N

technical underpants, 100% polyester, 130 g/m², black



S	1	079910001
M	1	079910002
L	1	079910003
XL	1	079910004
XXL	1	079910005

7992N

technical undershirt, long-sleeved, 100% polyester, 130 g/m², black



S	1	079920001
M	1	079920002
L	1	079920003
XL	1	079920004
XXL	1	079920005

7993

technical underpants, 74% polyamide, 24% polyester, 2% spandex, black
Based on seamless technology, which has a containing function and makes it easier to perform movements



S	1	079930001
M/L	1	079930002
XL/XXL	1	079930004

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



S	1	079940001
M/L	1	079940002
XL/XXL	1	079940004

ACCESSORIES

7800G
work knee pads pair



7800G — 1 — 078000500

7981T
cap, 100% made of acrylic fibre,
lined in Thinsulate™ 40 g/m², black

CE



7981T — 10 — 079810111

7984
work belt, 90% polyester, 10% cotton,
one-size-fits-all, 130 cm long (can be
shortened), 35 mm wide
anthracite grey



7984 — 1 — 079840130

7985
neck warmer made of microfleece, with
adjuster, black
can also be used as a cap

CE



7985 — 10 — 079850111

7190C
PVC ear protectors

• attenuation values: from 15.5 dB at 63 Hz to 37 dB at 8000 Hz

CE



EN 352-1

7190C — 2 — 071900002

7195A
dust mask

CE



7195A — 10 — 071950004

7051MP
eye protector
with polycarbonate visor

CE



EN166

7051MP — 5 — 070510001

7061TC
safety glasses with clear polycarbonate lenses

CE EASY



7061TC — 1 — 070610001

7076BC
safety glasses with clear polycarbonate lenses

CE SPORT



EN166F-1F
EN172
UV 5-3.1

7076BC — 1 — 070760009

7076BD
safety glasses with polycarbonate lenses

CE SPORT



EN166F-1F
EN170
UV 5-2.5

7076BD — 1 — 070760019

7076BP
safety glasses with polarized polycarbonate
lenses

CE SPORT



EN12311

7076BP — 1 — 070760029

7076BU
leak detection glasses with UV lights

CE



EN12312-1

7076BU — 1 — 070760039

7093BC
safety glasses with clear polycarbonate lenses

CE IMPACT



EN166F-1F
EN170
UV400

7093BC — 1 — 070930009

7093BD

safety glasses with dark polycarbonate lenses



EN166F-1F
EN172
UV5-2.5

7093BD	1	070930019

C62M/W

mannequin



C62M/W	1	062000360

C62EV/CP

footwear display stand, 15 positions



C62EV/CP	1	062000401

C63 E/W

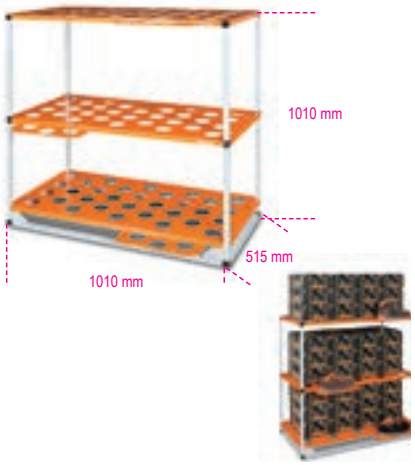
clothing and footwear display stand



C63 E/W	1	063000010

C63 G/C

footwear "gondola" display



C63 G/C	1	063000020

6200AP/S10

set of 10 hangers



6200AP/S10	1	062000331



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.

NEW LOGO

Special free service boxes on page 449



Beta

KEY READING

8041
lifting eyebolts, high-tensile alloy steel
CE

item number



new item 2017

Ø mm	P mm	E mm	WLL kg	n.° of tools per box	code number
* M8	1,25	13	600	10	080410208
* M10	1,5	17	800	6	080410210
* M12	1,75	20,5	1300	4	080410212
* M16	2	27	3200	2	080410216
* M20	2,5	30	4800	2	080410220
* M24	3	36	6500	2	080410224
* M30	3,5	45	9500	1	080410230

size

n.° of tools per box

code number

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 itemduring the static traction test

LC: lashing capacity

- **4 DIFFERENT TYPES OF CERTIFICATES**
- **140 UPDATED PRODUCT SPECIFICATIONS**

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8001Z	✓	✓		✓
8001TZ	✓	✓		✓
8002ZD	✓			
8003ZD	✓			
8004ND	✓			
8005Z	✓			✓
8005TZ	✓			✓
8006Z	✓			✓
8007Z	✓			✓
8008N	✓			✓
8009FD	✓			
8009Z	✓			✓
8009TZ	✓			✓
8010Z	✓			✓
8016	✓			✓
8016DA	✓			✓
8016DF	✓			✓
8016FR	✓			
8016U	✓		✓	✓
8018E	✓			
8018T	✓			
8020	✓			
8021	✓			
8025	✓	✓		✓
8026A	✓	✓		✓
8026R	✓	✓		✓
8028	✓	✓		✓
8029	✓	✓		✓
8029R	✓	✓		✓
8031R	✓	✓		✓
8032	✓	✓		✓
8040EN	✓	✓		✓
8040EZ	✓	✓		✓
8042EN	✓	✓		✓
8042EZ	✓	✓		✓
8044	✓	✓		✓
8048	✓			
8049	✓	✓		✓
8051S	✓	✓		✓
8052	✓	✓		✓
8055S	✓	✓		✓
8057	✓	✓		✓
8058	✓	✓		✓
8060	✓	✓		✓
8061F	✓	✓		✓
8062	✓	✓		✓
8064S	✓	✓		✓
8065SC	✓	✓		✓
8074	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8080	✓			
8085	✓	✓		✓
8086	✓	✓		✓
8090	✓	✓		✓
8090F	✓	✓		✓
8091			✓	✓
8092			✓	✓
8094			✓	✓
8096			✓	✓
8097			✓	✓
8098			✓	✓
8100	✓	✓		✓
8105	✓			
8109	✓			
8114	✓			
8116	✓			
8150	✓		✓	✓
8153	✓		✓	✓
8156	✓		✓	✓
8157	✓		✓	✓
8158	✓		✓	✓
8159	✓		✓	✓
8160	✓		✓	✓
8161	✓		✓	✓
8166	✓			
8170	✓		✓	✓
8173	✓		✓	✓
8176	✓		✓	✓
8177	✓		✓	✓
8178	✓		✓	✓
8180	✓			
8181	✓			
8182	✓			
8182A	✓			
8182E	✓			
8182S	✓			
8185	✓			
8186	✓			
8187	✓			
8188C	✓			
8188CG/25	✓			
8188F	✓			
8188F/35	✓			
8188FG2	✓			
8188FG3	✓			
8302Z	✓			
8303Z	✓			
8317DZ	✓			
8317SZ	✓			

Item	Test Report 2.2 (UNI EN 10204)	Test Certificate 3.1(UNI EN 10204)	Manufacturer's Certificate	CE Declaration of Conformity
8381SL	✓			
8381SP	✓			
8383C	✓			
8383P	✓			
8515V	✓			
8515Z	✓			
8531	✓			
8532	✓			
8535	✓			
8201T	✓			
8205	✓			
8206	✓			
8207	✓			
8209	✓			
8210	✓			
8216	✓			✓
8220	✓			
8225	✓			
8227	✓			
8228	✓			
8240	✓			
8240F	✓	✓		✓
8242	✓			
8242F	✓	✓		✓
8248	✓			
8249	✓			
8249G	✓			
8250	✓			
8264	✓			
8267	✓			
8272	✓			
8273	✓			
8274	✓			
8274A	✓			
8274G	✓			
8276	✓			
8276G	✓			
8278	✓			
8280	✓			
8282	✓			
8284	✓			
8285	✓			
8286	✓			
8287	✓			
8290	✓			
8293	✓			
8297C	✓			
8297F	✓			
8381SX	✓			

8001Z

turnbuckle bodies,
galvanized



TECHNICAL DATA
- safety factor: 4
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L mm	WFL kg		
M5	3/16	80	115	100	080010105
M6	1/4	80	160	100	080010106
M8	5/16	105	300	25	080010108
M10	3/8	125	470	20	080010110
M11	7/16	135	580	15	080010111
M12	1/2	140	690	20	080010112
M14	9/16	170	940	15	080010114
M16	5/8	190	1290	15	080010116
M18	11/16	205	1660	10	080010118
M20	3/4	220	2130	10	080010120
M22	7/8	240	2630	8	080010122
M24	1"	260	3060	5	080010124
M27	1"1/8	270	4000	1	080010127
M30	1"3/16	280	4860	1	080010130
M33	1"1/4	290	6040	1	080010133
M36*	1"3/8	300	6500	1	080010198
M39*	1"1/2	300	7900	1	080010199

8001TZ

pipe turnbuckle bodies,
galvanized



DIN 1478

TECHNICAL DATA
- safety factor: 4
- traceability code

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L mm	WFL kg		
M12	1/2	125	690	10	080010512
M16	5/8	170	1290	5	080010516
M20	3/4	200	2130	5	080010520
M24	1	255	3060	3	080010524
* M27	1.1/8	255	4000	1	080010527
M30	1.3/16	255	4860	1	080010530
M36	1.3/8	295	6500	1	080010536

8002ZD

turnbuckle eyes
right thread, galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

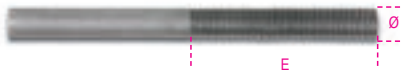
Ø mm	Ø "	E mm	WFL kg		
M5	3/16	37	115	200	080020105
M6	1/4	40	160	150	080020106
M8	5/16	52	300	100	080020108
M10	3/8	60	470	100	080020110
M11	7/16	65	580	1	080020111
M12	1/2	72	690	50	080020112
M14	9/16	85	940	1	080020114
M16	5/8	95	1290	1	080020116
M18	11/16	103	1660	1	080020118
M20	3/4	110	2130	1	080020120
M22	7/8	120	2630	1	080020122
M24	1"	130	3060	1	080020124
M27	1"1/8	135	4000	1	080020127
M30	1"3/16	140	4860	1	080020130
M33	1"1/4	148	6040	1	080020133
M36*	1"3/8	150	6500	1	080020198
M39*	1"1/2	150	7900	1	080020199

left-handed thread

Ø mm	"	E mm	WFL kg		
M5	3/16	37	115	1	080020305
M6	1/4	40	160	1	080020306
M8	5/16	52	300	1	080020308
M10	3/8	60	470	1	080020310
M11	7/16	65	580	1	080020311
M12	1/2	72	690	1	080020312
M14	9/16	85	940	1	080020314
M16	5/8	95	1290	1	080020316
M18	11/16	103	1660	1	080020318
M20	3/4	110	2130	1	080020320
M22	7/8	120	2630	1	080020322
M24	1"	130	3060	1	080020324
M27	1"1/8	135	4000	1	080020327
M30	1"3/16	140	4860	1	080020330
M33	1"1/4	148	6040	1	080020333
M36*	1"3/8	150	6500	1	080020398
M39*	1"1/2	150	7900	1	080020399

8004ND

turnbuckle stubs
right-handed thread, self-coloured



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	Ø "	E mm	WFL kg		
M5	3/16	40	115	1	080040005
M6	1/4	44	160	1	080040006
M8	5/16	53	300	1	080040008
M10	3/8	63	470	1	080040010
M12	1/2	70	690	1	080040012
M14	9/16	85	940	1	080040014
M16	5/8	95	1290	1	080040016
M18	11/16	103	1660	1	080040018
M20	3/4	110	2130	1	080040020
M22	7/8	120	2630	1	080040022
M24	1"	130	3060	1	080040024
M27	1"1/8	135	4000	1	080040027
M30	1"3/16	140	4860	1	080040030
M33	1"1/4	150	6040	1	080040033
M36*	1"3/8	150	6500	1	080040098
M39*	1"1/2	150	7900	1	080040099

left-handed thread

Ø mm	"	E mm	WFL kg		
M5	3/16	40	115	1	080040105
M6	1/4	44	160	1	080040106
M8	5/16	53	300	1	080040108
M10	3/8	63	470	1	080040110
M12	1/2	70	690	1	080040112
M14	9/16	85	940	1	080040114
M16	5/8	95	1290	1	080040116
M18	11/16	103	1660	1	080040118
M20	3/4	110	2130	1	080040120
M22	7/8	120	2630	1	080040122
M24	1"	130	3060	1	080040124
M27	1"1/8	135	4000	1	080040127
M30	1"3/16	140	4860	1	080040130
M33	1"1/4	150	6040	1	080040133
M36*	1"3/8	150	6500	1	080040198
M39*	1"1/2	150	7900	1	080040199

8003ZD

turnbuckle hooks
right thread, galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

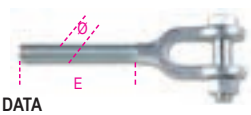
Ø mm	Ø "	E mm	WFL kg		
M5	3/16	40	25	150	080030105
M6	1/4	40	45	120	080030106
M8	5/16	52	95	100	080030108
M10	3/8	60	140	70	080030110
M11	7/16	65	165	1	080030111
M12	1/2	70	300	30	080030112
M14	9/16	85	420	1	080030114
M16	5/8	95	570	1	080030116
M18	11/16	103	700	1	080030118
M20	3/4	110	900	1	080030120
M22	7/8	120	1100	1	080030122
M24	1"	130	1300	1	080030124
M27	1"1/8	135	2300	1	080030127

left-handed thread

Ø mm	Ø "	WFL kg	E mm		
M5	3/16	40	25	1	080030305
M6	1/4	40	45	1	080030306
M8	5/16	52	95	1	080030308
M10	3/8	60	140	1	080030310
M11	7/16	65	165	1	080030311
M12	1/2	70	300	1	080030312
M14	9/16	85	420	1	080030314
M16	5/8	95	570	1	080030316
M18	11/16	103	700	1	080030318
M20	3/4	110	900	1	080030320
M22	7/8	120	1100	1	080030322
M24	1"	130	1300	1	080030324
M27	1"1/8	135	2300	1	080030327

8009FD

turnbuckle jaws
right-handed thread, galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

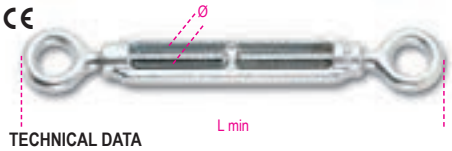
Ø mm	Ø "	E mm	WFL kg		
M8	5/16	53	300	1	080090208
M10	3/8	63	470	1	080090210
M12	1/2	70	690	1	080090212
M14	9/16	85	940	1	080090214
M16	5/8	95	1290	1	080090216
M18	11/16	103	1660	1	080090218
M20	3/4	110	2130	1	080090220
M22	7/8	120	2630	1	080090222
M24	1"	130	3060	1	080090224
M27	1"1/8	135	4000	1	080090227
M30	1"3/16	140	4860	1	080090230

left-handed thread

Ø mm	Ø "	E mm	WFL kg		
M8	5/16	53	300	1	080090408
M10	3/8	63	470	1	080090410
M12	1/2	70	690	1	080090412
M14	9/16	85	940	1	080090414
M16	5/8	95	1290	1	080090416
M18	11/16	103	1660	1	080090418
M20	3/4	110	2130	1	080090420
M22	7/8	120	2630	1	080090422
M24	1"	130	3060	1	080090424
M27	1"1/8	135	4000	1	080090427
M30	1"3/16	140	4860	1	080090430

8005Z

eye and eye turnbuckles,
galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L min mm	WFL kg		
M5	3/16	118	115	400	080050105
M6	1/4	130	160	300	080050106
M8	5/16	158	300	200	080050108
M10	3/8	192	470	100	080050110
M11	7/16	206	580	80	080050111
M12	1/2	226	690	60	080050112
M14	9/16	256	940	15	080050114
M16	5/8	290	1290	10	080050116
M18	11/16	358	1660	1	080050118
M20	3/4	358	2130	1	080050120
M22	7/8	400	2630	1	080050122
M24	1"	436	3060	1	080050124
M27	1"1/8	474	4000	1	080050125
M30	1"3/16	498	4860	1	080050130
M33	1"1/4	516	6040	1	080050126
M36*	1"3/8	532	6500	1	080050136
M39*	1"1/2	544	7900	1	080050139

special packaging

Ø mm	Ø "			
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

8005TZ

hot-forged eye and eye turnbuckles
pipe bodies,galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

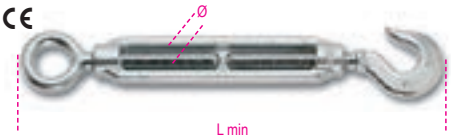
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

- CE Declaration of Conformity

Ø mm	Ø "	WFL kg		
M12	1/2	690	15	080050512
M16	5/8	1290	1	080050516
M20	3/4	2130	1	080050520
M24	1"	3060	1	080050524
M30	1.3/16	4860	1	080050530

8006Z

hook and eye turnbuckles,
galvanized



TECHNICAL DATA
- safety factor: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

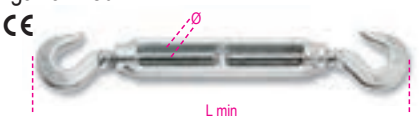
Ø mm	Ø "	L min mm	WFL kg		
M5	3/16	121	25	400	080060105
M6	1/4	132	45	250	080060106
M8	5/16	170	95	180	080060108
M10	3/8	204	140	100	080060110
M11	7/16	221	165	70	080060111
M12	1/2	244	300	15	080060112
M14	9/16	284	420	10	080060114
M16	5/8	322	570	1	080060116
M18	11/16	373	700	1	080060118
M20	3/4	391	900	1	080060120
M22	7/8	433	1100	1	080060122
M24	1"	470	1300	1	080060124
M27	1"1/8	503	2300	1	080060127

special packaging

Ø mm	Ø "			
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



TECHNICAL DATA
- safety factor: 4

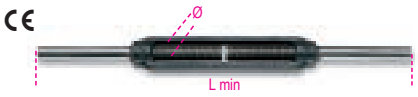
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L min mm	WFL kg		
M5	3/16	124	25	30	080070105
M6	1/4	134	45	30	080070106
M8	5/16	181	95	20	080070108
M10	3/8	211	140	15	080070110
M11	7/16	231	165	15	080070111
M12	1/2	262	300	15	080070112
M14	9/16	312	420	1	080070114
M16	5/8	354	570	1	080070116
M18	11/16	388	700	1	080070118
M20	3/4	424	900	1	080070120
M22	7/8	466	1100	1	080070122
M24	1"	504	1300	1	080070124
M27	1"1/8	532	2300	1	080070127

8008N

stub and stub turnbuckles
self-coloured



TECHNICAL DATA
- safety coefficient: 4

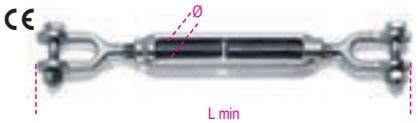
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L min mm	WFL kg		
M5	3/16	160	115	30	080080205
M6	1/4	180	160	30	080080206
M8	5/16	210	300	20	080080208
M10	3/8	250	470	15	080080210
M12	1/2	280	690	15	080080212
M14	9/16	340	940	5	080080214
M16	5/8	380	1290	5	080080216
M18	11/16	410	1660	3	080080218
M20	3/4	440	2130	3	080080220
M22	7/8	480	2630	2	080080222
M24	1"	520	3060	2	080080224
M27	1"1/8	560	4000	1	080080227
M30	1"3/16	560	4860	1	080080230
M33	1"1/4	600	6040	1	080080233
M36*	1"3/8	600	6500	1	080080236
M39*	1"1/2	600	7900	1	080080239

8009Z

jaw and jaw turnbuckles,
galvanized



TECHNICAL DATA
- safety coefficient: 4

LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L min mm	WFL kg		
M8	5/16	192	300	15	080090008
M10	3/8	234	470	15	080090010
M12	1/2	274	690	15	080090012
M14	9/16	342	940	1	080090014
M16	5/8	372	1290	1	080090016
M18	11/16	406	1660	1	080090018
M20	3/4	406	2130	1	080090020
M22	7/8	466	2630	1	080090022
M24	1"	486	3060	1	080090024
M27	1"1/8	510	4000	1	080090027
M30	1"3/16	566	4860	1	080090030

8009TZ

jaw and jaw turnbuckles,
pipe bodies, DIN 1478
galvanized



TECHNICAL DATA
- safety coefficient: 4

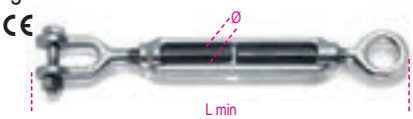
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	WFL kg		
M12	1/2	690	10	080090512
M16	5/8	1290	1	080090516
M20	3/4	2130	1	080090520
M24	1	3060	1	080090524
M30	1.3/16	4860	1	080090530

8010Z

eye and jaw turnbuckles,
galvanized



TECHNICAL DATA
- safety coefficient: 4

LABORATORY TESTS
- chemical analysis
- tensile test

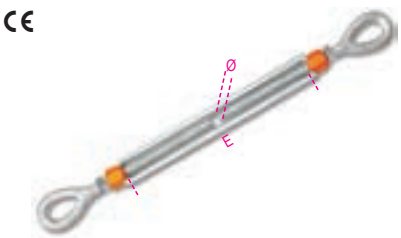
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Declaration of Conformity

Ø mm	Ø "	L min mm	WFL kg		
M8	5/16	175	300	20	080100008
M10	3/8	215	470	15	080100010
M12	1/2	250	690	10	080100012
M14	9/16	299	940	10	080100014
M16	5/8	331	1290	1	080100016
M18	11/16	382	1660	1	080100018
M20	3/4	382	2130	1	080100020
M22	7/8	433	2630	1	080100022
M24	1"	461	3060	1	080100024
M27	1"1/8	492	4000	1	080100027
M30	1"3/16	529	4860	1	080100030



8105

eye and eye turnbuckles
high tensile steel, hot dip galvanized



TECHNICAL DATA
- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, eyes: hardening and tempering

LABORATORY TESTS
- chemical analysis
- tensile test

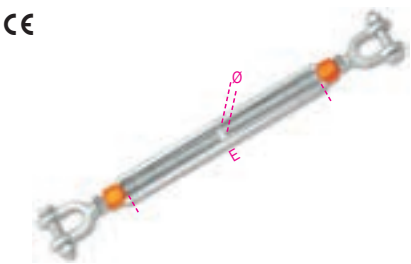
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081050010
1/2x9	M12x230	1000	5	081050012
5/8x9	M16x230	1590	2	081050016
3/4x9	M20x230	2360	2	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



TECHNICAL DATA
- safety factor: 5
- heat treatment, body: normalizing
- heat treatment, jaws: hardening and tempering

LABORATORY TESTS
- chemical analysis
- tensile test

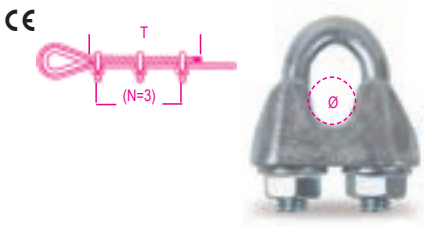
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxE "	≈ mm	WFL kg		
3/8x6	M10x150	540	5	081090010
1/2x9	M12x230	1000	5	081090012
5/8x9	M16x230	1590	2	081090016
3/4x9	M20x230	2360	2	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
1"1/4x24	M33x610	6890	1	081090033

Other sizes available upon request

8016U

wire rope clips EN 13411-5, type A
malleable cast iron body
galvanized



EN 13411-5

TECHNICAL DATA
- traceability code

LABORATORY TESTS
- chemical analysis
- torque test

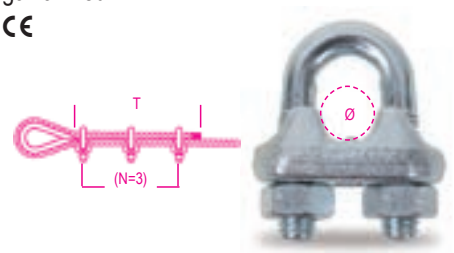
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN13411-5
- CE Certificate of Conformity

Ø mm	Ø "	N x T	Nm		
5	3/16	3x156	2,0	300	080160605
6,5	1/4	3x192	3,5	150	080160606
8	5/16	4x320	6	70	080160608
10	3/8	4x320	9	60	080160610
12	1/2	4x384	20	25	080160612
14	9/16	4x448	33	15	080160614
16	5/8	4x512	49	10	080160616
19	3/4	4x512	68	10	080160619
22	7/8	5x680	107	10	080160622
26	1"	5x760	147	5	080160626
30	1"1/8	6x984	212	5	080160630
34	1"1/4	6x1080	296	5	080160634
40	1"1/2	6x1176	363	5	080160640

WITH BATCH DELIVERY NUMBER

8016

wire rope clips,
hot forged steel body,
galvanized



TECHNICAL DATA
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

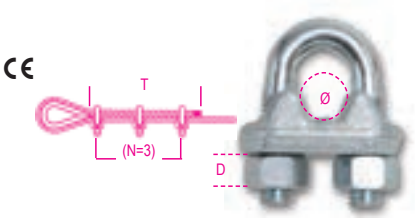
Ø mm	Ø "	N x T	Nm		
3	1/8	3x80	1,53	500	080160003
5	3/16	3x110	3,02	300	080160005
6	1/4	3x120	5,19	200	080160006
8	5/16	5x210	5,19	150	080160008
10	3/8	5x240	12,54	70	080160010
11	7/16	5x260	12,54	70	080160011
12-13	1/2	5x300	24,76	40	080160013
14	9/16	5x295	24,76	35	080160014
16	5/8	5x335	24,76	30	080160016
18	11/16	5x380	42,42	30	080160018
20	3/4	5x540	42,42	30	080160020
22	7/8	7x595	42,42	25	080160022
24-26	1"	7x700	67,56	15	080160026
28	1"1/16	8x840	67,56	5	080160028
30-32	1"1/8	8x990	67,56	5	080160030
34-36	1"1/4	8x1155	105,80	4	080160034
38-40	1"1/2	8x1320	105,80	2	080160040
48-50	2"	8x1500	206	1	080160050

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



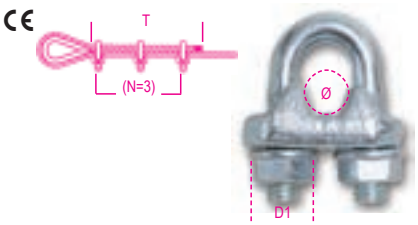
LABORATORY TESTS
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	N x T	Nm	D mm		
5	3x110	3,02	5	300	080160093
6	3x120	5,19	6	200	080160092
8	5x210	5,19	6	150	080160098
10	5x240	12,54	8	70	080160096

8016DF

wire rope clips with flanged nuts,
hot forged steel body,
galvanized



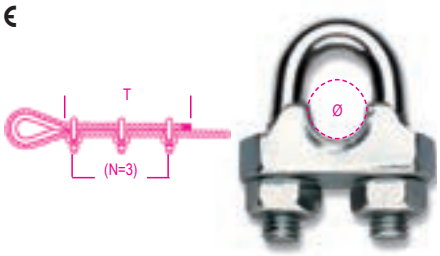
LABORATORY TESTS
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	N x T	Nm	D1 mm		
6	3x120	5,19	14,2	200	080160066
8	5x210	5,19	14,2	150	080160068
10	5x240	12,54	17,9	70	080160070

8016FR

wire rope clips,
cold pressed steel body,
galvanized



LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

Ø mm	Ø mm	N x T	Nm		
3	1/8	3x80	1,25	500	080160253
5	3/16	3x110	2,46	300	080160255
6	1/4	3x120	4,24	200	080160256
8	5/16	5x210	4,24	150	080160258
10	3/8	5x240	10,20	70	080160260
12-13	1/2	5x300	20,11	40	080160263

8018E

wire rope clips, ENEL type,
hot forged steel body, hot-dip galvanized
U-bolts and nuts with chemical galv. protection



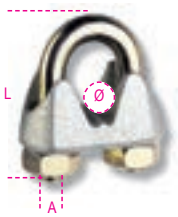
LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
4÷6	M6	34	4,24	100	080180001

8018T

wire rope clips, TELECOM type
malleable cast iron body
galvanized



RUM-MU-21:1980

LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	A mm	L mm	Nm		
8÷10	M8	42	10,20	200	080180003

8317DZ

duplex wire rope clips
galvanized



AVAILABLE CERTIFICATES
- **Test report UNI EN10204 type 2.2**

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

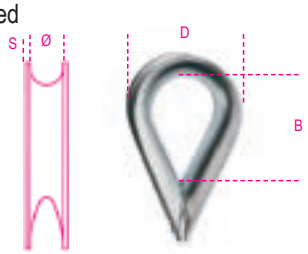


AVAILABLE CERTIFICATES
- **Test report UNI EN10204 type 2.2**

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, italian light type,
galvanized



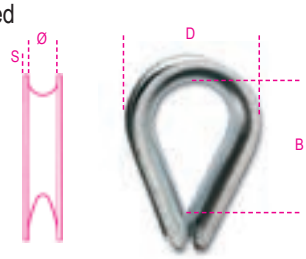
AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**

Ø mm	S mm	B mm	D mm		
2-3	0,8	20	20	350	080200003
4	1,0	22	21	300	080200004
5	1,0	23	24	300	080200005
6	1,0	27	29	200	080200006
8	1,2	33	33	180	080200008
10	1,5	40	39	100	080200010
12	1,8	44	46	160	080200012
14	2,0	49	50	100	080200014
16	2,0	57	59	150	080200016
18	2,5	68	69	100	080200018
20	3,0	78	77	70	080200020
22	3,0	88	84	60	080200022
24	3,5	92	91	40	080200025

Ø mm	S mm			
2-3	0,8	150	1	080200703
4	1,0	150	1	080200704
5	1,0	100	1	080200705
6	1,0	100	1	080200706
8	1,2	50	1	080200708
10	1,5	30	1	080200710

8021

thimbles, heavy type,
galvanized



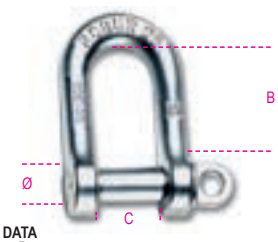
AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**

Ø mm	S mm	B mm	D mm		
5	1,7	29	28	120	080210005
6	1,8	33	30	100	080210006
8	2,5	36	37	100	080210008
10	2,5	42	43	80	080210010
12	2,5	48	50	100	080210012
14	2,7	58	57	70	080210014
16	3,0	61	62	50	080210016
18	3,5	71	71	70	080210018
20	4,0	79	79	60	080210020
22	4,0	87	84	50	080210022
24	4,0	93	92	40	080210024
26	4,0	103	103	35	080210026
28	5,0	107	116	1	080210028
30	5,0	118	121	1	080210030
32	5,5	138	135	1	080210032
35	6,0	140	147	1	080210035
40	6,0	173	170	1	080210040

8025

lifting LARGE DEE shackles,
hot forged carbon steel,
galvanized

CE



GRADO 4

TECHNICAL DATA
- **safety factor: 5**
- **heat treatment: normalizing**
- **traceability code**

LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

Ø mm	"	B x C mm	WLL kg		
5	3/16	21x10	70	250	080250005
6	1/4	25x12	100	250	080250006
8	5/16	33x16	250	150	080250008
10	3/8	42x20	400	180	080250010
11	7/16	46x22	500	130	080250011
12	1/2	50x24	600	100	080250012
14	9/16	57x28	800	70	080250014
16	5/8	61x32	1000	15	080250016
18	11/16	65x36	1300	15	080250018
20	3/4	70x40	1600	10	080250020
22	7/8	74x44	2000	10	080250022
25	1"	80x48	2800	5	080250025

special packaging

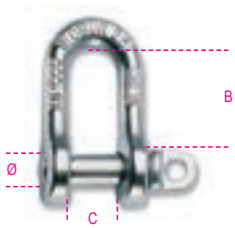
Ø mm	"			
5	3/16	25	1	080250705
6	1/4	25	1	080250706
8	5/16	25	1	080250708

Ø mm	"			
10	3/8	15	1	080250710
11	7/16	12	1	080250711
12	1/2	12	1	080250712
14	9/16	10	1	080250714

8026A

lifting DEE shackles,
hot forged carbon steel,
UNI 1947 type A, galvanized

CE



GRADO 4

TECHNICAL DATA
- **safety factor: 5**
- **heat treatment: normalizing**
- **traceability code**

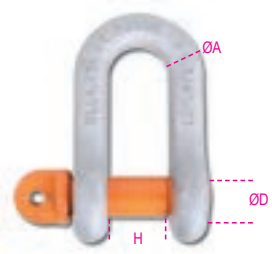
LABORATORY TESTS
- **chemical analysis**
- **metallographic analysis**
- **tensile test**

AVAILABLE CERTIFICATES
- **Technical product specifications**
- **Test report UNI EN10204 type 2.2**
- **Inspection certificate UNI EN10204 type 3.1**
- **CE Declaration of Conformity**

Ø mm	Ø "	B x C mm	WLL kg		
12	1/2	42x20	630	35	080260012
14	9/16	46x22	800	30	080260014
16	5/8	50x24	1000	20	080260016
18	11/16	54x26	1300	15	080260018
20	3/4	58x28	1600	10	080260020
22	7/8	69x32	2000	10	080260022
25	1"	79x36	2500	5	080260025
28	1.1/8	90x40	3150	2	080260028
32	1.1/4	100x45	4000	2	080260032
36	1.3/8	110x50	5000	1	080260036
40	1.9/16	120x55	6300	1	080260040
42	1.5/8	131x60	8000	1	080260042
45	1.3/4	143x65	10000	1	080260045
50	2"	155x70	12500	1	080260050

8026R

straight shackles with screw collar pin, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body



EN 13889
GRADE 6

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on both pin and body

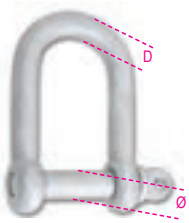
LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØA mm	ØD mm (")	H mm	WLL kg		
13	16	21	2000	5	080260212
16	19	27	3250	3	080260216
19	22	32	4750	2	080260219
22	25	37	6500	2	080260222

8531

dee FISHING shackles, hot-dip galvanized



AVAILABLE CERTIFICATES
- Test report UNI EN10204 type 2.2

Ø mm	D mm	WFL kg		
20	18	1600	1	085310018
22	20	2500	1	085310020

8532

dee FISHING shackles with square head screw pin, black painted

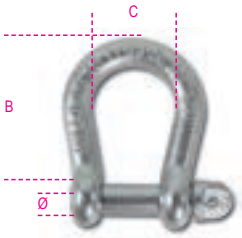


AVAILABLE CERTIFICATES
- Test report UNI EN10204 type 2.2

Ø mm	D mm	WFL kg		
20	20	1600	1	085320020
22	22	2500	1	085320022

8028

lifting BOW shackles, hot forged carbon steel, galvanized



GRADO 4

TECHNICAL DATA
- safety factor: 5
- heat treatment: normalizing
- traceability code

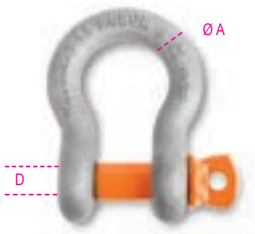
LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	"	B x C mm	WLL kg		
5	3/16	20x16	80	100	080280105
6	1/4	24x20	100	70	080280106
8	5/16	32x24	200	35	080280108
10	3/8	40x33	300	25	080280110
11	7/16	44x36	400	15	080280111
12	1/2	48x39	500	15	080280112
14	9/16	56x46	600	7	080280114
16	5/8	64x46	800	10	080280116
18	11/16	71x59	950	5	080280118
20	3/4	80x65	1100	5	080280120
22	7/8	88x72	1500	5	080280122
25	1"	100x81	2000	2	080280125
28	1.1/8	112x91	2600	1	080280128
32	1.1/4	128x104	3200	1	080280132
38	1.1/2	152x124	4500	1	080280138

8029R - 8029

bow shackles with screw collar pins, high-tensile alloy steel, GRADE 6, hot-dipped galvanized body



EN 13889
GRADO 6

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	ØA mm	ØD mm (")	WLL kg		
8029R	6	8 (5/16)	500	20	080290106
8029R	8	10 (3/8)	750	15	080290108
8029R	10	11 (7/16)	1000	15	080290110
8029R	11	13 (1/2)	1500	10	080290111
8029R	13	16 (5/8)	2000	8	080290112
8029R	16	19 (3/4)	3250	5	080290116
8029R	19	22 (7/8)	4750	2	080290120
8029R	22	25 (1")	6500	2	080290122
8029R	26	28 (1.1/8)	8500	1	080290124
8029R	29	32 (1.1/4)	9500	1	080290128
8029R	32	35 (1.3/8)	12000	1	080290132
8029R	35	38 (1.1/2)	13500	1	080290135
8029R	38	42 (1.5/8)	17000	1	080290138
8029R	45	50 (2")	25000	1	080290145

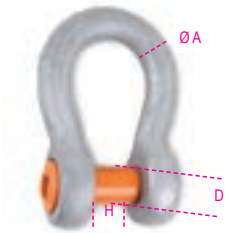
	ØA mm	ØD mm	WLL kg		
* 8029	50	57 (2".1/4)	35000	1	080290057
* 8029	57	65 (2".9/16)	42500	1	080290065
* 8029	65	70 (2".3/4)	55000	1	080290070

***Sizes not included in EN13889 standard**

8032

bow shackles with square sunken hole screw pin,
high-tensile alloy steel, GRADE 6,
hot-dip galvanized body

CE



GRADE 6

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

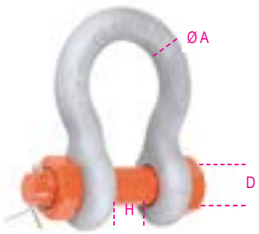
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØA mm	ØD mm (")	H mm	WLL kg		
13	16 (5/8)	21	2000	5	080320012
16	19 (3/4)	27	3250	3	080320016
19	22 (7/8)	32	4750	2	080320020
22	25 (1)	37	6500	2	080320022

8031R

bow shackles with safety bolt, EN13889
high-tensile alloy steel, GRADE 6,
hot-dip galvanized body

CE



EN 13889
GRADO 6

TECHNICAL DATA
- minimum safety factor: 6
- heat treatment: hardening and tempering
- traceability code on pin and body

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ØA mm	ØD mm (")	H mm	WLL kg		
13	16 (5/8)	21	2000	5	080310112
16	19 (3/4)	27	3250	3	080310116
19	22 (7/8)	32	4750	2	080310120
22	25 (1)	37	6500	2	080310122
26	28 (1.1/8)	43	8500	1	080310124
29	32 (1.1/4)	48	9500	1	080310128
32	35 (1.3/8)	53	12000	1	080310132
35	38 (1.1/2)	59	13500	1	080310135
38	42 (1.5/8)	62	17000	1	080310138
45	50 (2)	75	25000	1	080310145

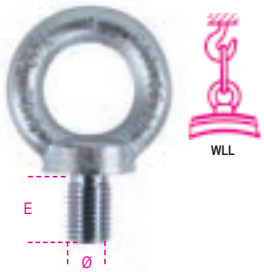
DIN 580 / 582 : 2010

	WLL 1 kg	WLL 2 kg	WLL 3 kg	WLL 4 kg
* M6	90	90	90	60
M8	140	140	140	95
M10	230	230	230	160
M12	340	340	340	230
* M14	480	480	480	335
M16	700	700	700	495
* M18	930	930	930	655
M20	1200	1200	1200	845
* M22	1450	1450	1450	1025
M24	1800	1800	1800	1270
* M27	2400	2400	2400	1695
M30	3200	3200	3200	2260
* M33	3800	3800	3800	2705
M36	4600	4600	4600	3250
M42	6300	6300	6300	4455
M48	8600	8600	8600	6080
M56	11500	11500	11500	8130
M64	16000	15950	16000	11310

8040EZ

lifting eye bolts, DIN 580
galvanized

CE



DIN 580:2010-09

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm		E mm	WLL kg		
* **M6**	1	11	90	60	080400406
M8	1,25	13	140	60	080400408
M10	1,5	17	230	50	080400410
M12	1,75	20,5	340	25	080400412
* **M14**	2	20,5	480	25	080400414
M16	2	27	700	15	080400416
* **M18**	2,5	27	930	15	080400418
M20	2,5	30	1200	10	080400420
* **M22**	2,5	30	1450	10	080400422
M24	3	36	1800	5	080400424
* **M27**	3	41	2400	5	080400427
M30	3,5	45	3200	2	080400430
* **M33**	3,5	54	3900	2	080400433
* **M33F**	2	54	3900	2	080400434
M36	4	54	4600	2	080400436
* **M36F**	3	54	4600	2	080400437
M42	4,5	63	6300	1	080400442
* **M42F**	3	63	6300	1	080400443
M48	5	68	8600	1	080400448
* **M48F**	3	68	8600	1	080400449
M56	5,5	78	11500	1	080400456
* **M56F**	4	78	11500	1	080400457
M64	6	90	16000	1	080400464
* **M64F**	4	90	16000	1	080400465

***Sizes not included in DIN standard**

8040EN

lifting eye bolts, DIN 580
self-coloured

CE



DIN 580:2010-09

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm		E mm	WLL kg		
* **M6**	1	11	90	60	080400306
M8	1,25	13	140	60	080400308
M10	1,5	17	230	50	080400310
M12	1,75	20,5	340	25	080400312
* **M14**	2	20,5	480	25	080400314
M16	2	27	700	15	080400316
* **M18**	2,5	27	930	15	080400318
M20	2,5	30	1200	10	080400320
* **M22**	2,5	30	1450	10	080400322
M24	3	36	1800	5	080400324
* **M27**	3	41	2400	5	080400327
M30	3,5	45	3200	2	080400330
* **M33**	3,5	54	3900	2	080400333
* **M33F**	2	54	3900	2	080400334
M36	4	54	4600	2	080400336
* **M36F**	3	54	4600	2	080400337
M42	4,5	63	6300	1	080400342
* **M42F**	3	63	6300	1	080400343
M48	5	68	8600	1	080400348
* **M48F**	3	68	8600	1	080400349
M56	5,5	78	11500	1	080400356
* **M56F**	4	78	11500	1	080400357
M64	6	90	16000	1	080400364
* **M64F**	4	90	16000	1	080400365

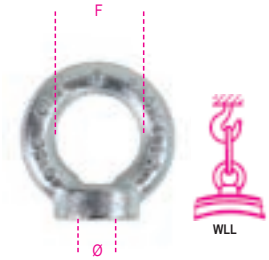
***Sizes not included in DIN standard**

DIN 580 / 582 : 2010				
	WLL 1 kg	kg	kg	kg
* M6	90	90	90	60
M8	140	140	140	95
M10	230	230	230	160
M12	340	340	340	240
* M14	480	480	480	335
M16	700	700	700	505
* M18	930	930	930	655
M20	1200	1200	1200	845
* M22	1450	1450	1450	1025
M24	1800	1800	1800	1270
* M27	2400	2400	2400	1695
M30	3200	3200	3200	2260
* M33	3900	3900	3900	2755
M36	4600	4600	4600	3250
M42	6300	6300	6300	4455
M48	8600	8600	8600	6080
M56	11500	11500	11500	8130
M64	16000	15550	16000	11310

8042EZ

lifting eye nuts, DIN 582
galvanized

CE



DIN 582:2010-09

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	mm	F mm	WLL kg		
* M6	1	14	90	60	080420406
M8	1,25	20	140	60	080420408
M10	1,5	25	230	50	080420410
M12	1,75	30	340	30	080420412
* M14	2	30	480	30	080420414
M16	2	35	700	20	080420416
* M18	2,5	35	930	20	080420418
M20	2,5	40	1200	15	080420420
* M22	2,5	40	1450	15	080420422
M24	3	50	1800	5	080420424
* M27	3	55	2400	5	080420427
M30	3,5	60	3200	3	080420430
M36	4	70	4600	2	080420436
* M36F	3	70	4600	2	080420437
M42	4,5	80	6300	1	080420442
* M42F	3	80	6300	1	080420443
M48	5	90	8600	1	080420448
* M48F	3	90	8600	1	080420449

*Sizes not included in DIN standard

8042EN

lifting eye nuts, DIN 582
self-coloured

CE



DIN 582:2010-09

TECHNICAL DATA
- safety factor: 6
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	mm	F mm	WLL kg		
* M6	1	14	90	60	080420306
M8	1,25	20	140	60	080420308
M10	1,5	25	230	50	080420310
M12	1,75	30	340	30	080420312
* M14	2	30	480	30	080420314
M16	2	35	700	20	080420316
* M18	2,5	35	930	20	080420318
M20	2,5	40	1200	15	080420320
* M22	2,5	40	1450	15	080420322
M24	3	50	1800	5	080420324
* M27	3	55	2400	5	080420327
M30	3,5	60	3200	3	080420330
M36	4	70	4600	2	080420336
* M36F	3	70	4600	2	080420337
M42	4,5	80	6300	1	080420342
* M42F	3	80	6300	1	080420343
M48	5	90	8600	1	080420348
* M48F	3	90	8600	1	080420349

*Sizes not included in DIN standard



8044

lifting eye nuts, UNI 2948
self-coloured

CE



UNI 2948

TECHNICAL DATA
- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

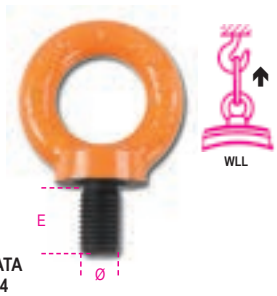
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	mm	WLL kg		
M8	1,25	80	4	080440008
M10	1,5	160	4	080440010
M12	1,75	250	4	080440012
M14	2	250	2	080440014
M16	2	400	2	080440016
M20	2,5	630	2	080440020
M24	3	1000	2	080440024

8041

lifting eyebolts,
high-tensile alloy steel

CE



TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

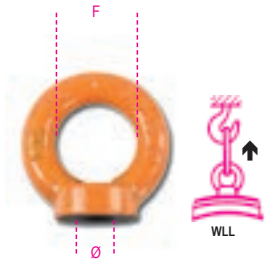
Ø mm	mm	E mm	WLL kg		
* M8	1,25	13	600	10	080410208
* M10	1,5	17	800	6	080410210
* M12	1,75	20,5	1300	4	080410212
* M16	2	27	3200	2	080410216
* M20	2,5	30	4800	2	080410220
* M24	3	36	6500	2	080410224
* M30	3,5	45	9500	1	080410230

(*) Dimensional specifications DIN 580:2010
WLL increased according to Robur Technical Product Specifications

8043

lifting eye nuts,
high-tensile alloy steel

CE



TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

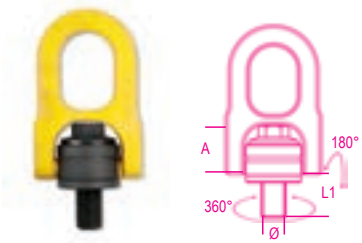
Ø mm		F mm	WLL kg		
* M8	1,25	20	600	10	080430208
* M10	1,50	25	800	6	080430210
* M12	1,75	30	1300	4	080430212
* M16	2	35	3200	2	080430216
* M20	2,5	40	4800	2	080430220
* M24	3	50	6500	2	080430224
* M30	3,5	60	9500	1	080430230

(*) Dimensional specifications DIN 582:2010
WLL increased according to Robur Technical Product Specifications

8049

adjustable lifting eyebolts,
double swivel ring,
high-tensile alloy steel

CE



TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test
- fatigue test (20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

Ø mm	A mm	L1 mm	WLL kg		
M8	31,5	14	300	1	080490008
M10	31,5	17	600	1	080490010
M12	31,5	21	1000	1	080490012
M16	45	27	1600	1	080490016
M20	45	30	2500	1	080490020
M24	60,5	36	4000	1	080490024
M30	60,5	45	6300	1	080490030

8049 WLL (t)

	A°	M8	M10	M12	M16	M20	M24	M30
	0°	0,3	0,6	1	1,6	2,5	4	6,3
	0°	0,6	1,2	2	3,2	5	8	12,6
	90°	0,3	0,6	1	1,6	2,5	4	6,3
	90°	0,6	1,2	2	3,2	5	8	12,6
	0° 45°	0,4	0,8	1,4	2,2	3,5	5,6	8,8
	46° 60°	0,3	0,6	1	1,6	2,5	4	6,3
	0° 45°	0,6	1,3	2,1	3,4	5,3	8,4	13,2
	46° 60°	0,3	0,6	1	1,6	2,3	4	6,3

8048

eye tie rods right thread
self-coloured



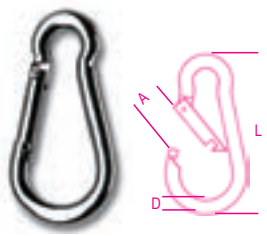
UNI 6058

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ØxL mm	F mm		
M8x50	6	1	080480108
M8x65	6	1	080480109
M10x80	8	1	080480110
M10x100	8	1	080480210
M10x130	8	1	080480111
M12x70	10	1	080480212
M12x95	10	1	080480112
M12x125	10	1	080480113
M14x110	12	1	080480114
M16x100	14	1	080480115
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

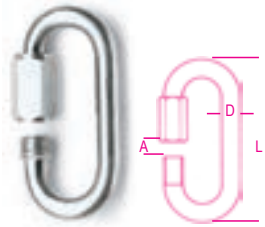
TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
* 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
* 14x180	32	250	5	080740104

8080

quick links,
galvanized



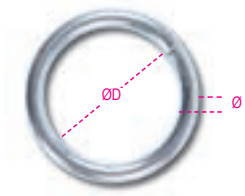
TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

DxL mm	A mm	WFL kg		
3,5x36	5	20	100	080800003
4x40	6	30	100	080800004
5x49	6	50	100	080800005
6x57	8	60	100	080800006
7x66	8	100	50	080800007
8x74	11	140	50	080800008
9x80	11	160	25	080800009
10x89	11	220	25	080800010
12x105	15	300	20	080800012

8082

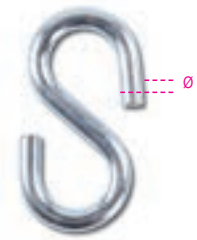
rings
galvanised steel



Ø mm	ØD mm		
4	20	50	080820004
5	30	20	080820005
6	40	10	080820006
7	50	5	080820007
8	60	5	080820008

8083

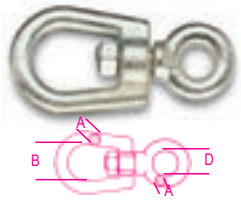
S-hooks
galvanised steel



Ø mm	L mm		
3	33	40	080830003
4	40	30	080830004
5	47	20	080830005
6	59	15	080830006
8	79	5	080830008

8114

eye and eye swivels,
italian "Marche" type,
carbon steel, galvanized



TECHNICAL DATA
- safety factor: 4
- traceability code

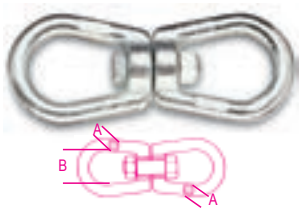
LABORATORY TESTS
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	D mm	WFL kg		
8	30	16	250	1	081140008
10	38	18	300	1	081140010
12	42	20	650	1	081140012
14	48	22	820	1	081140014
16	57	24	1000	1	081140016
18	64	26	1600	1	081140018
20	72	30	2000	1	081140020
22	80	34	2500	1	081140022

8116

eye and eye swivels,
carbon steel, galvanized



TECHNICAL DATA
- safety factor: 4
- traceability code

LABORATORY TESTS
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	WFL kg		
6	23	140	1	081160006
8	30	250	1	081160008
10	38	300	1	081160010
12	42	650	1	081160012
14	48	820	1	081160014
16	57	1000	1	081160016
18	64	1600	1	081160018
20	72	2000	1	081160020
22	80	2500	1	081160022

8120

Genovese chains
for static connections,
galvanised



TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	nr	WFL kg	m		
1,6	12	15	150	1	081200016
2,2	14	25	75	1	081200022
2,7	16	37	75	1	081200027
3,4	18	75	60	1	081200034
3,8	19	100	50	1	081200038
4,4	20	125	40	1	081200044
4,8	21	165	30	1	081200048
5,5	22	185	25	1	081200055
5,8	23	225	25	1	081200058
6,5	24	265	25	1	081200065
7,5	26	350	20	1	081200075
* 8,0	27	400	25	1	081200080
* 10,0	30	625	20	1	081200100
* 12,0	32	900	15	1	081200120

Caution: product NOT designed for lifting purposes

(*) available in COILS

8130

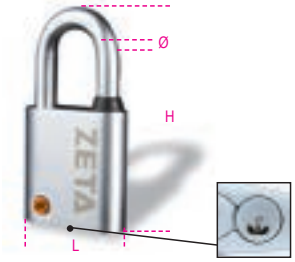
antitheft chains, made of alloy steel,
case-hardened, tempered,
galvanised



Ø mm	L mm		
6	800	1	081300068
8	1000	1	081300081
8	1200	1	081300082
10	1500	1	081300105

8139Z

padlocks for antitheft chains,
zinc alloy bodies
- supplied with 3 mapped keys
- suitable for chains 6, 8, 10 mm



Ø mm	L mm	H mm		
10	55	98	1	081390009

8131Z

antitheft chains with padlocks



Ø mm	L mm		
6	800	1	081310068
8	1000	1	081310081
8	1200	1	081310082
10	1500	1	081310105

8300

scaffold eye bolts
complete with bars and dowels
galvanized



TECHNICAL DATA
- safety factor: 3
- traceability code

LABORATORY TESTS
- tensile test

AVAILABLE CERTIFICATES
- Declaration of Conformity

A x ø mm	E mm	L mm	WFL kg		
M12x18	50	220	850	20	083000012

8345

spare dowels for scaffold eye bolts



8345T12 8300 M12 ø18	20	083450025

8302Z

fastening eye bolts,
right thread, galvanized



TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	E mm	F mm	WFL kg		
M5	48	8	115	200	083020005
M6	55	10	160	150	083020006
M8	60	12	300	100	083020008
M10	73	14	470	100	083020010
M12	90	17	690	50	083020012

8303Z

fastening hooks
right thread, galvanized



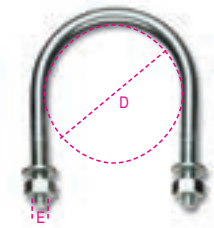
TECHNICAL DATA
- safety factor: 4

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

Ø mm	C mm	E mm	WFL kg		
M5	6,0	48	25	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 type,
galvanized

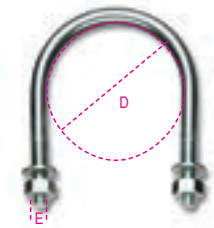


AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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
168	6"	M10	25	083810218
220	8"	M10	10	083810220

8381SP

U bolts for pipes, heavy type,
galvanized



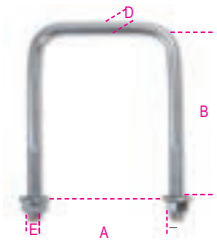
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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
168	6"	M16	25	083810315
220	8"	M16	10	083810320
274	10"	M16	1	083810374

8383C

square U bolts,
hot galvanized

Flanged nuts

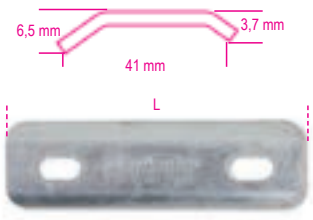


AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

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

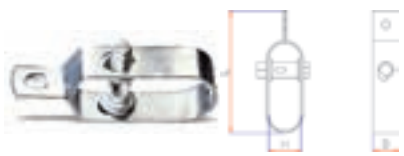


AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

	L mm		
8383P/150 8383C/70-80 /90-100	150	150	083830214
8383P/170 8383C/100-120	170	120	083830217

8515Z

wire tenders, galvanized

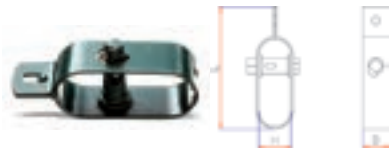


Available Certificates
- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	100	085150002
24,5	30	100	100	085150003

8515V

wire tenders,
galvanized and painted

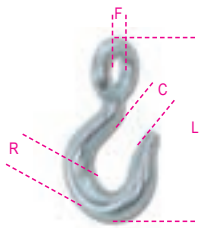


Available Certificates
- Test Report UNI EN10204 type 2.2

D mm	H mm	L mm		
20	25	93	100	085150102
24,5	30	100	100	085150103

8535

fishing hooks,
galvanized



AVAILABLE CERTIFICATES
- Test report UNI EN10204 type 2.2

R mm	C mm	F mm	L mm		
26	27,5	34	156	1	085350006
30	36,5	40	185	1	085350007

8051S

lifting eye hooks,
carbon steel, galvanized

CE



GRADO 4

TECHNICAL DATA
- safety factor: 4
- heat treatment: normalizing
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
250	14	12	20	080510202
500	18	16,5	10	080510205

8052 - 8055S

wire rope eye hooks,
high-tensile alloy steel

CE



EN 1677-2
GRADE 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (2 x WLL)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL kg	C mm		
8052	800	18	1	080520008
8052	1120	22,5	1	080520011
8052	2000	30	1	080520020
8052	3150	36	1	080520031
8052	4000	39,5	1	080520040

	WLL kg	C mm		
8055S	5400	32	1	080550145
8055S	8000	41	1	080550170
8055S	11500	53	1	080550215
8055S	16000	58	1	080550260
8055S	22000	78	1	080550320

8057R - 8057

self-locking lifting hooks,
eye type,
high-tensile alloy steel

CE



EN 1677-3
GRADE 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL kg	Ø mm	J mm		
8057R	2000	7-8	34	1	080570120
8057R	3150	10	44	1	080570132

	WLL kg	Ø mm	J mm		
8057	5300	13	54	1	080570053

8058R - 8058

self-locking lifting hooks,
Clevis type,
high-tensile alloy steel

CE



EN 1677-3
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL kg	Ø mm	J mm		
8058R	2000	7-8	34	1	080580120
8058R	3150	10	44	1	080580132

	WLL kg	Ø mm	J mm		
8058	5300	13	54	1	080580053
8058	8000	16	67	1	080580080

8060R - 8060

Clevis chain hooks,
high-tensile alloy steel

CE



EN 1677-2
GRADE 8

TECHNICAL DATA
- safety coefficient: 4
- heat treatment: hardening and tempering
- Traceability code on pin, safety latch, body

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Inspection Certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

	WLL kg	Ø mm		
8060R	1120	6	1	080600111
8060R	2000	7-8	1	080600120
8060R	3150	10	1	080600132
8060R	5300	13	1	080600153

	WLL kg	Ø mm	C mm		
8060	8000	16	48	1	080600080

8061R - 8061F

Clevis grab hooks
with safety latch,
high-tensile alloy steel

CE



EN 1677-1
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

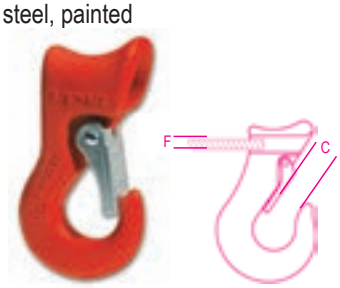
	WLL kg	Ø mm	E mm		
8061R	1120	6	8	1	080610211
8061R	2000	7-8	11	1	080610220
8061R	3150	10	13	1	080610231

	WLL kg	Ø mm	E mm		
8061F	5300	13	16,5	1	080610153
8061F	8000	16	20,5	1	080610180

8062

slip hooks
alloy steel, painted

CE



TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test

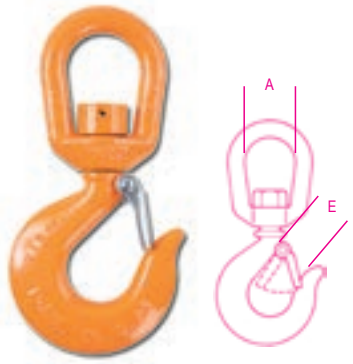
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	C mm	F mm		
1500	19	10-13	1	080620013
2000	21	16	1	080620016
3000	26	18	1	080620018
5000	34	22-25	1	080620025

8063

lifting swivel hooks
(in unloaded condition)
high-tensile alloy steel

CE



EN 1677-1
GRADE 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- tensile test
- fatigue test (min. 20,000 cycles)
- proof load test (100% of batch)

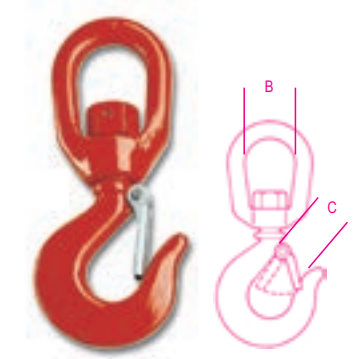
AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	A mm	E mm		
800	32	20,5	1	080630008
1120	38	20,5	1	080630011
2000	44,5	22	1	080630020
3150	44,5	27	1	080630031

8064S

swivel lifting hooks
(not under load)
carbon steel, painted

CE



EN 1677-5
GRADE 4

TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

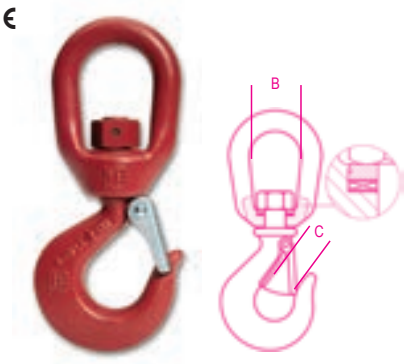
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm		
800	31	20	1	080640107
1000	40	22	1	080640110
1600	47	23	1	080640115
2000	47	27	1	080640120
3200	64	35	1	080640130
5000	77	43	1	080640150
7500	90	53	1	080640175
10000	96	58	1	080640199

8065SC

swivel load lifting hooks
carbon steel, painted

CE



EN 1677-5
GRADE 4

TECHNICAL DATA
- safety factor: 5
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	B mm	C mm		
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

8050D

safety locks and spare parts kit for eye hooks



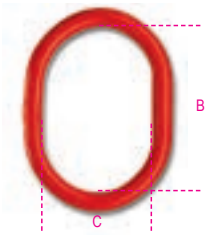
8050D1 8055/1250 8064S-8065SC/800	1	080500945
8050D2 8055S/1600 8064S-8065SC/1000	1	080500946
8050D3 8055/2500-3200 8064S-8065SC/1600-2000	1	080500947
8050D4 8055S/5400 8064S-8065SC/3200	1	080500948
8050D5 8055S/8000 8064S-8065SC/5000	1	080500949
8050D6 8055S/11500 8064S/7500	1	080500950
8050D7 8060/3150	1	080500951
8050D8 8060/5300	1	080500952
8050D7A 8060/2000	1	080500968
8050D10 8062/1500	1	080500954
8050D11 8062/2000	1	080500955
8050D12 8062/3000	1	080500956
8050D13 8062/5000	1	080500957
8050D22 8055S/16000 8064S/10000	1	080500966
8050D23 8055S/22000	1	080500967
8050D24 8051S/250	1	080500969
8050D25 8051S/500	1	080500970
8050D26 8061F/1120	1	080500971
8050D27 8061F/2000	1	080500972
8050D28 8061F/3150	1	080500973
8050D29 8061F/5300	1	080500974
8050D30 8061F/8000	1	080500975
8050D31 8060/1120	1	080500976
8050D32 8060/8000	1	080500977
8050D33 8052/800	1	080500978
8050D34 8052/1120	1	080500979
8050D35 8052/2000	1	080500980
8050D36 8052/3150	1	080500981
8050D37 8052/4000	1	080500982
8050D38 8060R/1120	1	080500983
8050D39 8060R/2000	1	080500984
8050D40 8060R/3150	1	080500985
8050D41 8060R/5300	1	080500986
8050D42 8063R/800	1	080500987
8050D43 8063R/1120	1	080500988
8050D44 8063R/2000	1	080500989
8050D45 8063R/3150	1	080500990

8085

lifting master links
alloy steel, painted

WLL means the use with 1 chain sling.

CE



EN 1677-4
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	B mm	C mm		
* **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

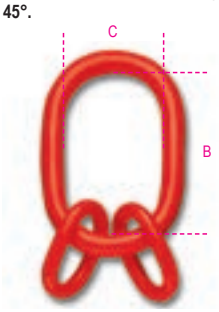
*** If you match it with a chain 6mm in ø, WLL= 1120 kg**

8086

lifting master link assemblies
alloy steel, painted

*** WLL means the use with 3 or 4 chain slings and ß angle < 45°.**

CE



EN 1677-4
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

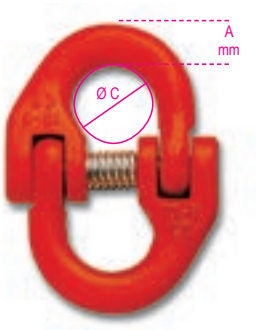
WLL kg	Ø mm	B mm	C mm		
* 3150	7	135	75	1	080860021
4250	8	160	90	1	080860042
6700	10	180	100	1	080860067
11200	13	200	110	1	080860100
17000	16	260	140	1	080860117

***If you match it with a chain 6 mm in Ø, WLL=2360 Kg.**

8090

lifting connecting links
alloy steel, painted

CE



EN 1677-1
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

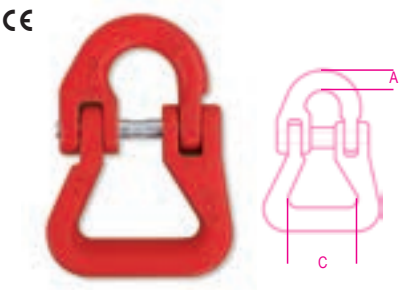
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	ØC 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

lifting connecting links for polyester slings,
alloy steel, painted

CE



EN 1677-1
GRADO 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis, metallographic analysis
- proof load test (WLL x 2.5)
- tensile test
- fatigue test (min. 20,000 cycles)

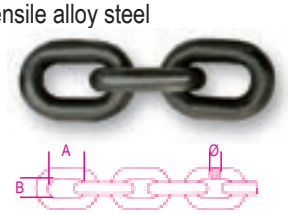
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	C mm		
2000	7-8	10,5	40	1	080900220
3150	10	12	50	1	080900232
5300	13	17	60	1	080900253
8000	16	21	75	1	080900280

8100

lifting chains,
high-tensile alloy steel

CE



EN 818-2
GRADE 8

TECHNICAL DATA
- safety factor: 4
- heat treatment: hardening and tempering
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2
- Manufacturer's Certificate EN818-2
- CE Declaration of Conformity

WLL kg	Ø mm	A mm	B mm		
1120	6	18	7,8	1	081000011
1500	7	21	9,1	1	081000016
2000	8	24	10,4	1	081000020
3150	10	30	13	1	081000032
5300	13	39	16,9	1	081000053
8000	16	48	20,8	1	081000080

Robur

CHAIN SLINGS
Grade 8

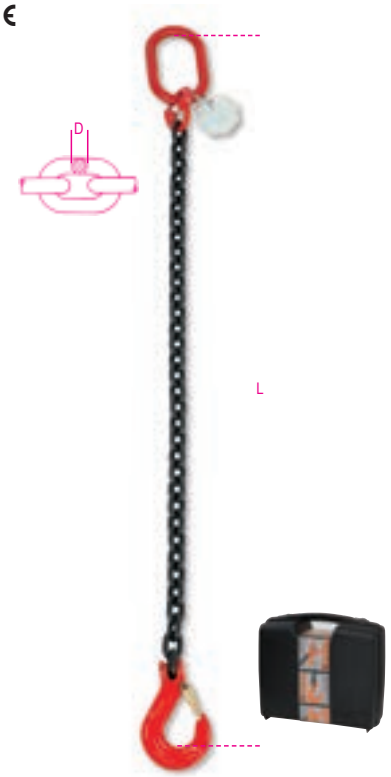
WLL Ton — UNI EN 818			
ø D mm	WLL 1	WLL 2	
		0° < β ≤ 45°	45° < β ≤ 60°
6	1,12	1,6	1,12
7	1,5	2,12	1,5
8	2	2,8	2
10	3,15	4,25	3,15
13	5,3	7,5	5,3
16	8	11,2	8

ø D mm	WLL 3	
	0° < β ≤ 45°	45° < β ≤ 60°
6	2,36	1,7
7	3,15	2,24
8	4,25	3
10	6,7	4,75
13	11,2	8
16	17	11,2

8091

lifting chain slings, 1 leg
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	1,12	1	080910001
6	2	1,12	1	080910002
6	3	1,12	1	080910003
6	4	1,12	1	080910004
7	1	1,5	1	080910021
7	2	1,5	1	080910022
7	3	1,5	1	080910023
7	4	1,5	1	080910024
8	1	2	1	080910041
8	2	2	1	080910042
8	3	2	1	080910043
8	4	2	1	080910044
10	1	3,15	1	080910051
10	2	3,15	1	080910052
10	3	3,15	1	080910053
10	4	3,15	1	080910054
13	1	5,3	1	080910131
13	2	5,3	1	080910132
13	3	5,3	1	080910133
13	4	5,3	1	080910134
16	1	8	1	080910161
16	2	8	1	080910162
16	3	8	1	080910163
16*	4	8	1	080910164

*** Wooden packing suited to weight**

8092

lifting chains sling, 2 legs
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	1,6	1	080920001
6	2	1,6	1	080920002
6	3	1,6	1	080920003
6	4	1,6	1	080920004
7	1	2,12	1	080920021
7	2	2,12	1	080920022
7	3	2,12	1	080920023
7	4	2,12	1	080920024
8	1	2,8	1	080920041
8	2	2,8	1	080920042
8	3	2,8	1	080920043
8	4	2,8	1	080920044
10	1	4,25	1	080920051
10	2	4,25	1	080920052
10	3	4,25	1	080920053
10	4	4,25	1	080920054
13	1	7,5	1	080920131
13	2	7,5	1	080920132
13*	3	7,5	1	080920133
13*	4	7,5	1	080920134
16	1	11,2	1	080920161
16*	2	11,2	1	080920162
16*	3	11,2	1	080920163
16*	4	11,2	1	080920164

*** Wooden packing suited to weight**

8094

lifting chain sling, 4 legs
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	2,36	1	080940001
6	2	2,36	1	080940002
6	3	2,36	1	080940003
6	4	2,36	1	080940004
7	1	3,15	1	080940021
7	2	3,15	1	080940022
7	3	3,15	1	080940023
7	4	3,15	1	080940024
8	1	4,25	1	080940041
8	2	4,25	1	080940042
8	3	4,25	1	080940043
8	4	4,25	1	080940044
10	1	6,7	1	080940051
10	2	6,7	1	080940052
10	3	6,7	1	080940053
10	4	6,7	1	080940054
13*	1	11,2	1	080940131
13*	2	11,2	1	080940132
13*	3	11,2	1	080940133
13*	4	11,2	1	080940134
16*	1	17	1	080940161
16*	2	17	1	080940162
16*	3	17	1	080940163
16*	4	17	1	080940164

*** Wooden packing suited to weight**

8096

lifting chain sling, 1 leg
with clevis grab hook,
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	1,12	1	080960001
6	2	1,12	1	080960002
6	3	1,12	1	080960003
6	4	1,12	1	080960004
7	1	1,5	1	080960021
7	2	1,5	1	080960022
7	3	1,5	1	080960023
7	4	1,5	1	080960024
8	1	2	1	080960041
8	2	2	1	080960042
8	3	2	1	080960043
8	4	2	1	080960044
10	1	3,15	1	080960051
10	2	3,15	1	080960052
10	3	3,15	1	080960053
10	4	3,15	1	080960054
13	1	5,3	1	080960131
13	2	5,3	1	080960132
13	3	5,3	1	080960133
13	4	5,3	1	080960134
16	1	8	1	080960161
16	2	8	1	080960162
16	3	8	1	080960163
16*	4	8	1	080960164

*** Wooden packing suited to weight**

8097

lifting chain sling, 2 legs
with clevis grab hooks,
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	1,6	1	080970001
6	2	1,6	1	080970002
6	3	1,6	1	080970003
6	4	1,6	1	080970004
7	1	2,12	1	080970021
7	2	2,12	1	080970022
7	3	2,12	1	080970023
7	4	2,12	1	080970024
8	1	2,8	1	080970041
8	2	2,8	1	080970042
8	3	2,8	1	080970043
8	4	2,8	1	080970044
10	1	4,25	1	080970051
10	2	4,25	1	080970052
10	3	4,25	1	080970053
10	4	4,25	1	080970054
13	1	7,5	1	080970131
13	2	7,5	1	080970132
13*	3	7,5	1	080970133
13*	4	7,5	1	080970134
16	1	11,2	1	080970161
16*	2	11,2	1	080970162
16*	3	11,2	1	080970163
16*	4	11,2	1	080970164

*** Wooden packing suited to weight**

POLYESTER SLINGS

TECHNICAL DATA
- safety factor: 7
- traceability code

LABORATORY TESTS
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Manufacturer's Certificate UNI EN1492
- CE Declaration of Conformity

8098

lifting chain sling, 4 legs
with clevis grab hooks,
in plastic case

CE



UNI EN 818-4

TECHNICAL DATA
- safety factor: 4
- chain-sling identification tag

ATTACHED CERTIFICATES
- Manufacturer's Certificate UNI EN818-4
- CE Declaration of Conformity

AVAILABLE CERTIFICATES
- Technical product specifications

D mm	L m	WLL ton		
6	1	2,36	1	080980001
6	2	2,36	1	080980002
6	3	2,36	1	080980003
6	4	2,36	1	080980004
7	1	3,15	1	080980021
7	2	3,15	1	080980022
7	3	3,15	1	080980023
7	4	3,15	1	080980024
8	1	4,25	1	080980041
8	2	4,25	1	080980042
8	3	4,25	1	080980043
8	4	4,25	1	080980044
10	1	6,7	1	080980051
10	2	6,7	1	080980052
10	3	6,7	1	080980053
10	4	6,7	1	080980054
13*	1	11,2	1	080980131
13*	2	11,2	1	080980132
13*	3	11,2	1	080980133
13*	4	11,2	1	080980134
16*	1	17	1	080980161
16*	2	17	1	080980162
16*	3	17	1	080980163
16*	4	17	1	080980164

*** Wooden packing suited to weight**

			β= 0°÷45°	β= 45°÷60°
30	1 t	0,8 t	2 t	1,4 t	1 t
60	2 t	1,6 t	4 t	2,8 t	2 t
90	3 t	2,4 t	6 t	4,2 t	3 t
120	4 t	3,2 t	8 t	5,6 t	4 t
150	5 t	4,0 t	10 t	7,0 t	5 t
180	6 t	4,8 t	12 t	8,4 t	6 t
240	8 t	6,4 t	16 t	11,2 t	8 t
300	10 t	8,0 t	20 t	14,0 t	10 t

8150

lifting web slings, purple 1t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
0,5	30	1	1	081500005
1	30	1	1	081500010
1,5	30	1	1	081500015
2	30	1	1	081500020
2,5	30	1	1	081500025
3	30	1	1	081500030
4	30	1	1	081500040
5	30	1	1	081500050
6	30	1	1	081500060
8	30	1	1	081500080

8153

lifting web slings, green 2t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



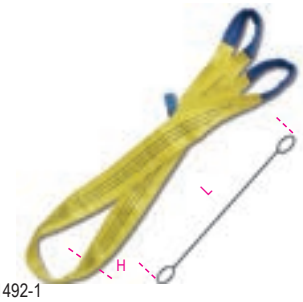
UNI EN 1492-1

L m	H mm	WLL ton		
1	60	2	1	081530010
1,5	60	2	1	081530015
2	60	2	1	081530020
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

lifting web slings, yellow 3t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



UNI EN 1492-1

L m	H mm	WLL ton		
1	90	3	1	081560010
1,5	90	3	1	081560015
2	90	3	1	081560020
2,5	90	3	1	081560025
3	90	3	1	081560030
4	90	3	1	081560040
5	90	3	1	081560050
6	90	3	1	081560060
8	90	3	1	081560080
10	90	3	1	081560100
12	90	3	1	081560120

8157

lifting web slings, grey 4t
two layers with reinforced eyes
high-tenacity polyester (PES) belt

CE



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
12	120	4	1	081570120

8158

lifting web slings, red 5t
two layers with reinforced eyes
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
12	150	5	1	081580120

8159

lifting web slings, brown 6t
two layers with reinforced eyes
high-tenacity polyester (PES)

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

lifting web slings, blue 8t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE



UNI EN 1492-1

L m	H mm	WLL ton		
3	240	8	1	081600030
5	240	8	1	081600050
6	240	8	1	081600060
8	240	8	1	081600080
10	240	8	1	081600100

8161

lifting web slings, orange 10t
two layers with reinforced eyes
high-tenacity polyester (PES)

CE



UNI EN 1492-1

L m	H mm	WLL ton		
4	300	10	1	081610040
5	300	10	1	081610050
6	300	10	1	081610060
8	300	10	1	081610080
10	300	10	1	081610100
12	300	10	1	081610120

8170

lifting round slings, purple 1t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	WLL ton	H mm		
0,5	1	45	1	081700010
1	1	45	1	081700020
1,5	1	45	1	081700030
2	1	45	1	081700040
3	1	45	1	081700060
4	1	45	1	081700080

8173

lifting round slings, green 2t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
0,5	50	2	1	081730010
1	50	2	1	081730020
1,5	50	2	1	081730030
2	50	2	1	081730040
2,5	50	2	1	081730050
3	50	2	1	081730060
4	50	2	1	081730080
5	50	2	1	081730100
6	50	2	1	081730120

8176

lifting round slings, yellow 3t
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
1	60	3	1	081760020
1,5	60	3	1	081760030
2	60	3	1	081760040
2,5	60	3	1	081760050
3	60	3	1	081760060
4	60	3	1	081760080
5	60	3	1	081760100
6	60	3	1	081760120

8177

lifting round slings, grey 4t
high-tenacity polyester (PES) belt

CE



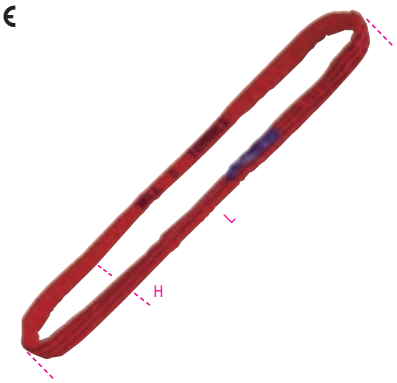
UNI EN 1492-2

L m	H mm	WLL ton		
1	65	4	1	081770020
1,5	65	4	1	081770030
2	65	4	1	081770040
2,5	65	4	1	081770050
3	65	4	1	081770060
4	65	4	1	081770080
5	65	4	1	081770100
6	65	4	1	081770120
8	65	4	1	081770160

8178

lifting round slings, red 5t
high-tenacity polyester (PES) belt

CE



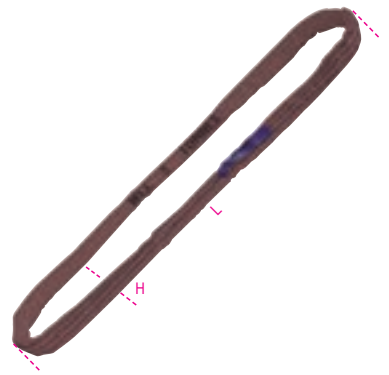
UNI EN 1492-2

L m	H mm	WLL ton		
1	70	5	1	081780020
1,5	70	5	1	081780030
2	70	5	1	081780040
2,5	70	5	1	081780050
3	70	5	1	081780060
4	70	5	1	081780080
5	70	5	1	081780100
6	70	5	1	081780120
8	70	5	1	081780160

8179M

lifting round slings, brown 6t
high-tenacity polyester (PES) belt

CE



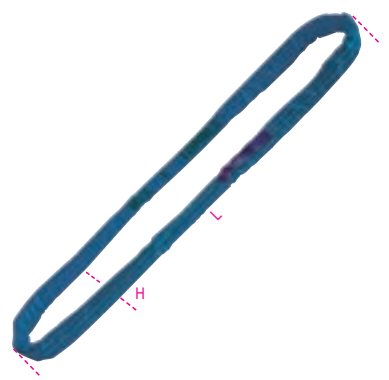
UNI EN 1492-2

L m	H mm	WLL ton		
3	80	6	1	081790060
4	80	6	1	081790080
6	80	6	1	081790120
8	80	6	1	081790160

8179B

lifting round slings, blue, 8 t,
high-tenacity polyester (PES) belt

CE



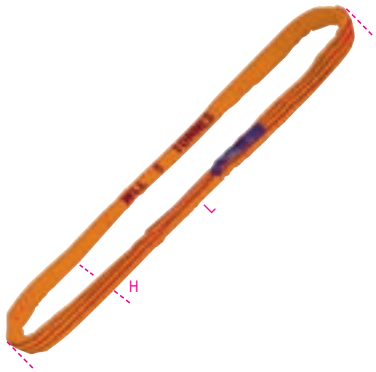
UNI EN 1492-2

L m	H mm	WLL ton		
3	85	8	1	081790260
4	85	8	1	081790280
6	85	8	1	081790320
8	85	8	1	081790360

8179A

lifting round slings, orange, 10 t,
high-tenacity polyester (PES) belt

CE



UNI EN 1492-2

L m	H mm	WLL ton		
3	95	10	1	081790506
4	95	10	1	081790508
6	95	10	1	081790512
8	95	10	1	081790516
10	95	10	1	081790520

8166

anti-abrasion sheaths for slings,
high-tenacity polyester (PES),
with elastomer underlayer

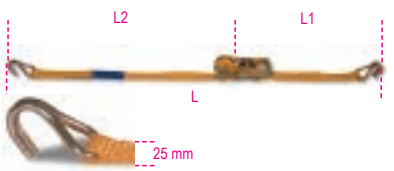


H mm	ø mm	L m		
70	45	3	1	081660073
80	52	3	1	081660083
110	70	3	1	081660103
155	100	3	1	081660153
170	110	3	1	081660170

RATCHET TIE DOWNS
TECHNICAL DATA
• safety factor: 2
• traceability code
LABORATORY TESTS
• ratchet pretensioning test
• metal parts deformation test
• complete system tensile test
AVAILABLE CERTIFICATES
• Technical product specifications
• Test report UNI EN10204 type 2.2

8180

ratchet tie down with single hook, LC 750kg
high-tenacity polyester (PES) belt



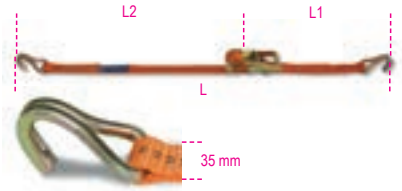
EN 12195-2

L m	L2 mm	L1 mm		
4	3750	250	1	081800004
6	5750	250	1	081800006
8	7750	250	1	081800008

LC = 750 kg

8181

ratchet tie down with single hook, LC 1000kg
high-tenacity polyester (PES) belt



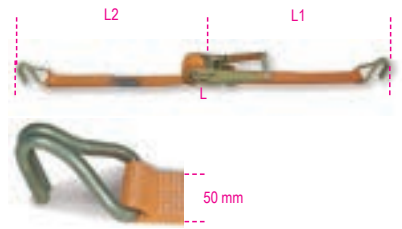
EN 12195-2

L m	L2 mm	L1 mm		
4	3600	400	1	081810004
6	5600	400	1	081810006
8	7600	400	1	081810008

LC = 1000 kg

8182

ratchet tie down with single hook, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

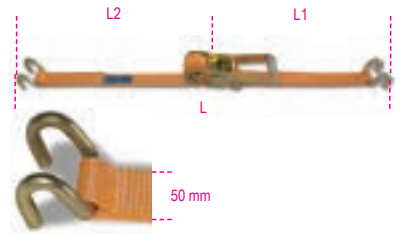
L m	L2 mm	L1 mm		
6,5	6100	400	1	081820065
8,5	8100	400	1	081820085
10,5	10100	400	1	081820105
14,5	14100	400	1	081820145

LC = 2000 kg

	L2 mm	L1 mm		
8182LP long part	8100		1	081820902
8182SP short part		400	1	081820905

8182S

ratchet tie down with double hook, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm		
8,5	8100	400	1	081820285
10,5	10100	400	1	081820305

LC = 2000 kg

	L2 mm	L1 mm		
8182SLP long part	8100		1	081820912
8182SSP short part		400	1	081820915

Robur INOX STAINLESS STEEL 443

8182A

ratchet tie downs with 2 eyes,
high-tenacity polyester (PES) belt,
LC 2000 kg



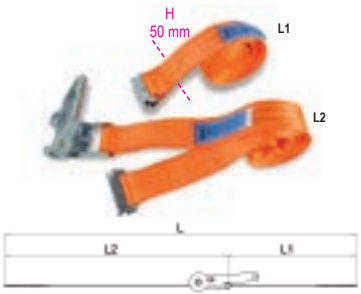
EN 12195-2

L m	L2 mm	L1 mm		
8,5	8100	400	1	081820585

LC = 2000 kg

8182E

ratchet tie downs for van and truck interiors,
LC 1000 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L m	L2 mm	L1 mm	H mm		
4	3500	500	50	1	081820440

LC = 1000 kg

	L2 mm	L1 mm		
8182EL	2500		1	081820942
8182EC		1500	1	081820945

Robur

8185

ring ratchet tie down, LC 1500kg
high-tenacity polyester (PES) belt

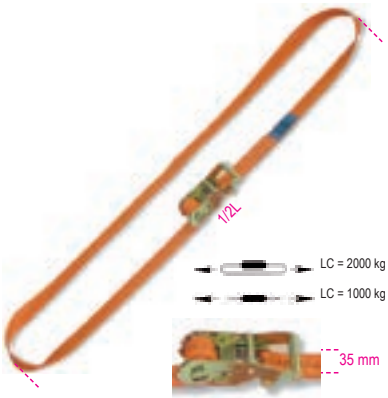


EN 12195-2

L m		
5	1	081850005
8	1	081850008

8186

ring ratchet tie down, LC 2000kg
high-tenacity polyester (PES) belt



EN 12195-2

L m		
5	1	081860005
8	1	081860008

8187

ring ratchet tie down, LC 4000kg
high-tenacity polyester (PES) belt

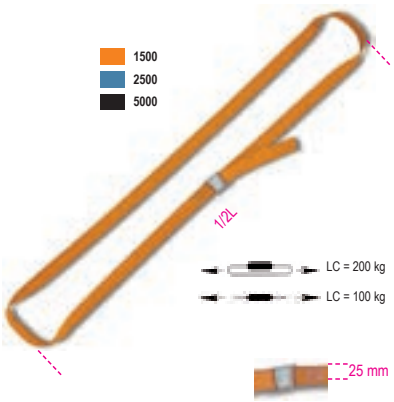


EN 12195-2

L m		
5	1	081870005
8	1	081870008

8188F

cam buckle straps, LC 200 kg,
high-grade polypropylene (PP) belt

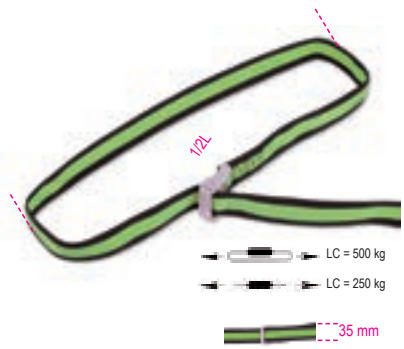


EN 12195-2

L m		
1,5	10	081880215
2,5	10	081880225
5,0	6	081880250

8188F/35

cam buckle straps, LC 500 kg,
high-tenacity polypropylene (PP) belt



EN 12195-2

L m		
4	3	081881290

8188C

ring ratchet tie downs, LC 750 kg,
high-tenacity polyester (PES) belt



EN 12195-2

L m		
5	3	081880350

8188CG/25

ratchet tie downs with S-hooks and Eyes,
LC 375 kg
high-tenacity polyester (PES) strap



EN 12195-2

L m	L1 mm	L2 mm		
3	480	170	1	081880430
5	480	170	1	081880450

8188FG2

cam buckle strap with S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt

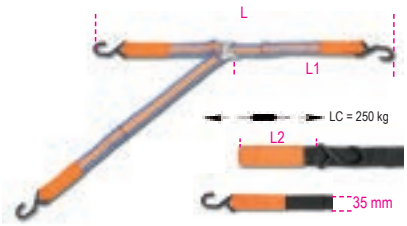


EN 12195-2

L m	L1 mm	L2 mm		
3	450	110	1	081881530

8188FG3

cam buckle straps with 3 S-hooks and Eyes,
LC 250 kg
high-grade polypropylene (PP) belt



L max m	L min m	L1 mm	L2 mm		
3,5	0,85	450	110	1	081880630

8189

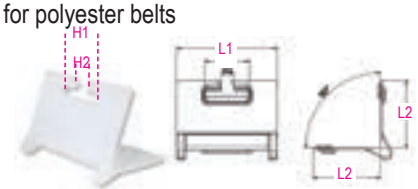
polyester belt (PES)
for ratchet tie downs



H mm	L m	LC kg		
25	100	750	1	081890902
35	100	1000	1	081890903
50	100	2000	1	081890905

8189PA

2 angular guards
for polyester belts



L1xL2 mm	H1 mm	H2 mm		
100x60	60	12	1	081890060
135x90	60	18	1	081890090



**Breaking force (BF)
on technical specifications
WWW.ROBURITALY.COM**

8201T

pipe bodies
AISI 316



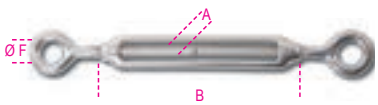
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

Ø mm	Ø "	WFL kg	L mm		
M6	1/4	160	95	5	082010406
M8	5/16	300	105	5	082010408
M10	3/8	470	125	3	082010410
M12	1/2	690	150	3	082010412
M14	9/16	940	165	1	082010414
M16	5/8	1290	190	1	082010416
M20	3/4	2130	210	1	082010420

8205

eye and eye turnbuckle
AISI 316



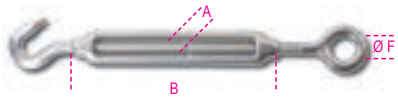
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	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	3000	1	082050224

8206

hook and eye turnbuckle
AISI 316



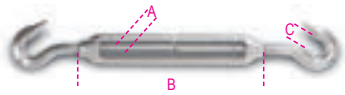
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	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



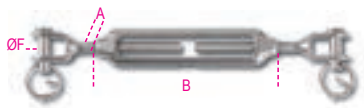
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	C mm	WFL kg		
M5	72	9	25	10	082070205
M6	92	9	45	5	082070206
M8	122	10	95	5	082070208
M10	150	12	140	1	082070210
M12	201	14	300	1	082070212
M14	225	15	420	1	082070214
M16	244	16	570	1	082070216
M20	295	19	875	1	082070220

8209

jaw and jaw turnbuckle
AISI 316



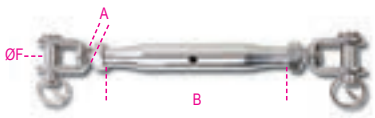
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø F mm	WFL kg		
M5	72	5	115	5	082090205
M6	92	6	160	5	082090206
M8	122	8	300	5	082090208
M10	150	10	470	1	082090210
M12	201	12	690	1	082090212
M14	225	14	940	1	082090214
M16	244	16	1290	1	082090216
M20	295	20	2130	1	082090220
M24	350	24	3060	1	082090224

8210

jaw and jaw pipe turnbuckle
AISI 316



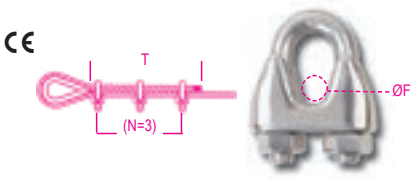
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø F 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



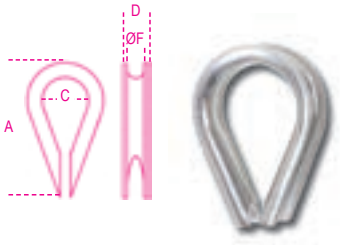
LABORATORY TESTS
- chemical analysis
- torque test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- CE Certificate of Conformity

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
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
22	7/8	595	7	3	082160222

8220

thimbles
AISI 316



LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø F mm	D mm	A mm	C mm		
2	4,5	21	7,5	15	082200202
3	6	24	10	15	082200203
4	6,6	28	11	10	082200204
5	8,5	30	13	10	082200205
6	10	37	15	10	082200206
8	12,5	51	23	5	082200208
10	14,6	56	27	5	082200210
12	18	68	32	5	082200212
14	19	69	34	5	082200214
16	22	83	37	5	082200216
18	23	81	38	1	082200218
20	27,8	105	45	1	082200220
22	29,6	112	45	1	082200222

8225

dee shackles
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	10	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



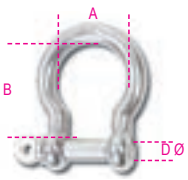
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	"	A mm	WFL kg		
4	5/32	8	50	10	082270204
5	3/16	10	70	10	082270205
6	1/4	13,5	100	5	082270206
8	5/16	17	250	5	082270208
10	3/8	21	400	1	082270210
12	1/2	25	600	1	082270212

8228

bow shackles
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	B mm	WFL kg		
4	13	20	60	10	082280204
5	17	23	80	10	082280205
6	20	27	100	10	082280206
8	28	36	200	5	082280208
10	36	44	300	5	082280210
12	41	53	500	5	082280212
16	54	74	800	1	082280216
19	66	86	1100	1	082280219

8240

eye bolts,
stainless steel AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	B mm	ø C mm	WFL kg		
M6	41	15	75	10	082400206
M8	50	20	140	10	082400208
M10	62	25	230	5	082400210
M12	74	30	340	5	082400212

8242

eye nuts
stainless steel AISI 316



A mm	B mm	ø C 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

8240F

lifting eye bolts, FORGED
stainless steel A4

CE



TECHNICAL DATA
- safety factor: 6
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of Conformity

ø mm	mm	WLL kg		
* M8	1,25	200	4	082400408
* M10	1,5	400	4	082400410
* M12	1,75	600	4	082400412
* M14	2	1000	2	082400414
* M16	2	1200	2	082400416
* M20	2,5	2000	2	082400420
* M24	3	2700	2	082400424
* M30	3,5	4000	1	082400430

(*) WLL increased compared to DIN standard according to Technical Specifications R/FT/8240F (guaranteed for stainless steel / stainless steel fits)



8242F

lifting eye nuts, FORGED
stainless steel A4

CE



TECHNICAL DATA
- safety factor: 6
- traceability code

LABORATORY TESTS
- chemical analysis
- metallographic analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2
- Inspection certificate UNI EN10204 type 3.1
- CE Declaration of conformity

ø mm	mm	WLL kg		
* M8	1,25	200	4	082420408
* M10	1,5	400	4	082420410
* M12	1,75	600	4	082420412
* M14	2	1000	2	082420414
* M16	2	1200	2	082420416
* M20	2,5	2000	2	082420420
* M24	3	2700	2	082420424
* M30	3,5	4000	1	082420430

(*) WLL ø M10÷M24
- increased according to Technical File R/FT/8242F
- guaranteed with stainless steel coupling

8248

eye tie rods,
stainless steel 316L,
right thread



UNI 6058

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ØxL mm	F mm		
10x80	8	1	082480010
10x130	8	1	082480012
12x95	10	1	082480016
12x125	10	1	082480018

8249

fastening eyebolts, right thread
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

A mm	ø B 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

8249G

fastening hooks
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

A mm	E mm	ø F mm	WFL kg		
M5	39	9	25	5	082490305
M6	43	10,5	45	5	082490306
M8	57	14,5	95	3	082490308

8250

spring snap-casting eye end
AISI 316



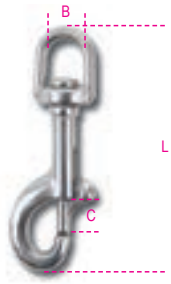
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

L mm	A mm	ø B mm	WFL kg		
50	25	8	40	5	082500205
70	31	12,5	90	5	082500207
100	47	20	190	1	082500210

8264

swivel eye bolt snap
AISI 316



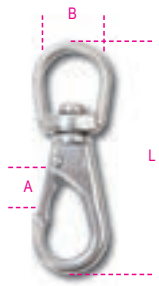
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

B 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



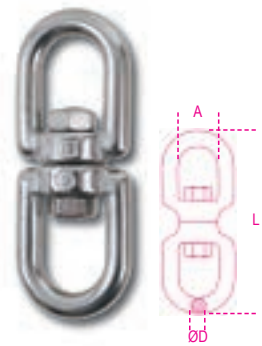
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D mm	A mm	L mm	WFL kg		
4	11	50	90	5	082720204
5	13	60	115	5	082720205
6	15	66	140	5	082720206
8	19	90	250	3	082720208
10	23	112	300	1	082720210
13	33	148	650	1	082720213
16	38	184	1000	1	082720216
19	40	223	1600	1	082720219

8273

quick-release hooks
with swivel eyes
AISI 316 stainless steel



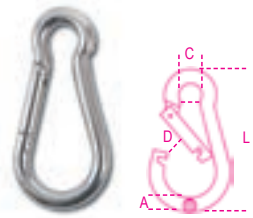
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C x L mm	B mm	WFL kg	BF kg		
12x70	12	230	1100	1	082730012
16x85	14,50	440	2000	1	082730016
22x120	20	700	3500	1	082730022

8274

carabine hooks
AISI 316



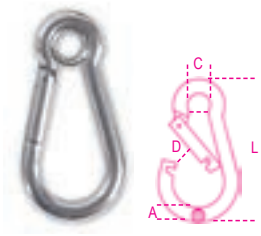
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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

8274A

ring carabine hooks
AISI 316



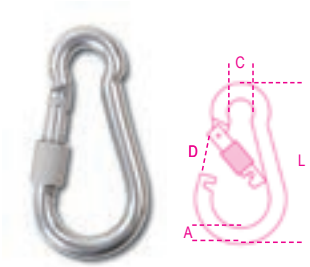
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical Product Specifications
- Test Report UNI EN10204 type 2.2

ø A x L mm	ø C mm	D mm	WFL kg		
5x50	6,5	7	30	10	082740405
6x60	7,5	7,5	40	5	082740406
8x80	9,5	10	75	5	082740408

8274G

carabine hooks with screw nut
AISI 316



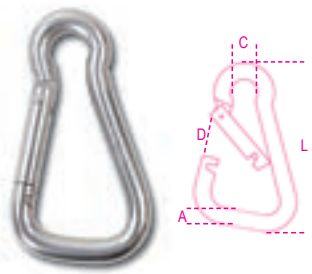
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



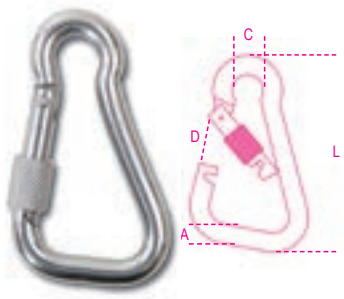
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



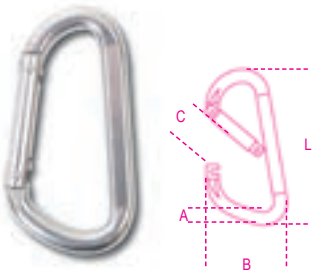
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



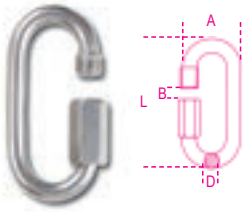
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



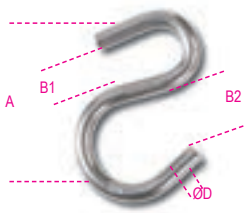
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



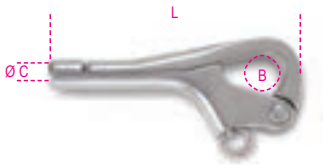
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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



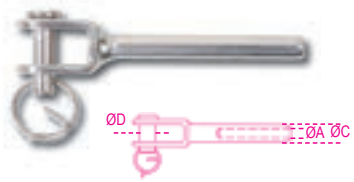
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø C mm	B mm	L mm	WFL kg		
6	11	73	200	3	082840006
8	14	98	300	3	082840008
10	23	143	450	1	082840010

8285

jaw terminals
AISI 316



LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø A 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



LABORATORY TESTS
- chemical analysis
- tensile test

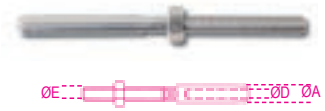
AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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

Robur

8287

swage studs
AISI 316



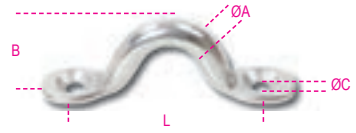
LABORATORY TESTS
- chemical analysis
- tensile test

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

ø D 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



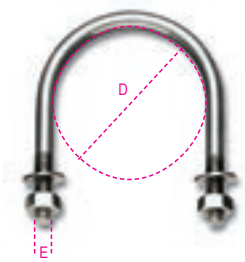
LABORATORY TESTS
- chemical analysis

AVAILABLE CERTIFICATES
- Technical product specifications
- Test report UNI EN10204 type 2.2

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

LABORATORY TESTS
- chemical analysis

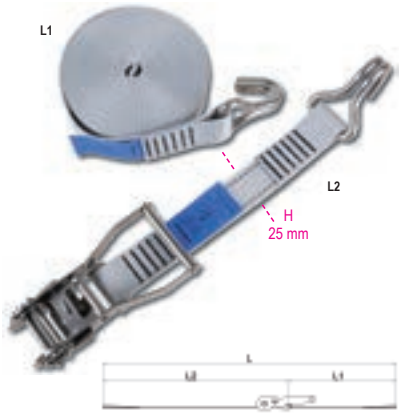
AVAILABLE CERTIFICATES
- Test report UNIEN10204 type 2.2

D mm	D gas	E mm		
11	1/8"	M6	20	083810401
14	1/4"	M6	20	083810402
18	3/8"	M6	20	083810403
22	1/2"	M6	20	083810404
27	3/4"	M6	20	083810405
34	1"	M6	20	083810406
43	1"1/4	M6	20	083810407
49	1"1/2	M8	10	083810408
61	2"	M8	10	083810409
77	2"1/2	M8	10	083810410
89	3"	M8	10	083810412
115	4"	M8	10	083810413

8293

ratchet tie downs AISI 304
high-tenacity polyester belt, LC 300 kg,
with hooks

hangable



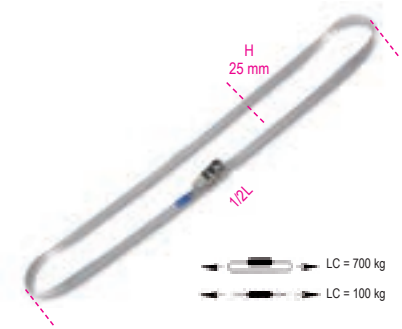
L m	L2 mm	L1 mm		
6	5700	300	1	082930106

LC = 300 kg

8297C

ratchet tie downs,
with mini-ratchets, AISI 304
high-tenacity polyester belt, LC 700 kg

hangable

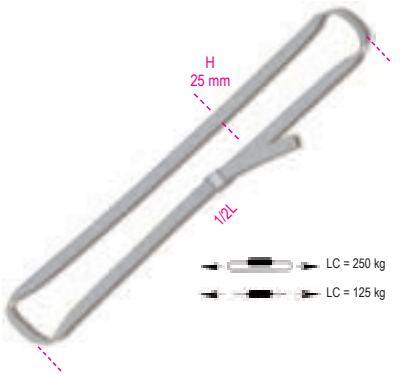


L m	H mm		
5	25	1	082970350

8297F

2 cam buckle straps,
AISI 304,
high-tenacity polyester belt, LC 250 kg

hangable



L m	H mm		
3	25	1	082970230

LC = 250 kg

Special packaging for your free-service sales + CE declaration of conformity + instruction for use



8001Z-K



Ø mm		
M5	2	080019105
M6	2	080019106
M8	1	080019108
M10	1	080019110
M11	1	080019111
M12	1	080019112
M14	1	080019114
M16	1	080019116
M18	1	080019118
M20	1	080019120
M22	1	080019122
M24	1	080019124

8001TZ-K



Ø mm		
M12	1	080019512
M16	1	080019516
M20	1	080019520
M24	1	080019524

8005Z-K



Ø mm		
M5	2	080059105
M6	2	080059106
M8	1	080059108
M10	1	080059110
M11	1	080059111
M12	1	080059112
M14	1	080059114
M16	1	080059116

8005TZ-K



Ø mm		
M12	1	080059512

8006Z-K



Ø mm		
M5	2	080069105
M6	2	080069106
M8	1	080069108
M10	1	080069110
M11	1	080069111
M12	1	080069112
M14	1	080069114

8007Z-K



Ø mm		
M5	2	080079105
M6	2	080079106
M8	1	080079108
M10	1	080079110
M11	1	080079111
M12	1	080079112

8008N-K



Ø mm		
M5	2	080089205
M6	2	080089206
M8	1	080089208
M10	1	080089210
M12	1	080089212
M14	1	080089214

8009Z-K



Ø mm		
M8	1	080099008
M10	1	080099010
M12	1	080099012

8009TZ-K



Ø mm		
M12	1	080099512

8010Z-K



Ø mm		
M8	1	080109008
M10	1	080109010
M12	1	080109012
M14	1	080109014

8105-K



ØxE "		
3/8x6	1	081059010
1/2x9	1	081059012

8109-K



ØxE "		
3/8x6	1	081099010
1/2x9	1	081099012

8016-K



Ø mm		
3	6	080169003
5	4	080169005
6	4	080169006
8	4	080169008
10	2	080169010
11	1	080169011
12-13	1	080169013
14	1	080169014
16	1	080169016
18	1	080169018
20	1	080169020
22	1	080169022
24-26	1	080169026

8016FR-K



Ø mm		
3	6	080169253
5	4	080169255
6	4	080169256
8	4	080169258
10	2	080169260
12-13	1	080169263

8016U-K



Ø mm		
5	4	080169605
6,5	4	080169606
8	4	080169608
10	2	080169610
12	1	080169612
14	1	080169614
16	1	080169616
19	1	080169619
22	1	080169622
26	1	080169626

8025-K



Ø mm		
5	4	080259005
6	4	080259006
8	2	080259008
10	2	080259010
11	1	080259011
12	1	080259012
14	1	080259014
16	1	080259016
18	1	080259018
20	1	080259020
22	1	080259022
25	1	080259025

8026A-K



Ø mm		
12	1	080269012
14	1	080269014
16	1	080269016
18	1	080269018
20	1	080269020
22	1	080269022
25	1	080269025

8026R-K



ØA mm		
13	1	080269212
16	1	080269216

8028-K



Ø mm		
5	4	080289105
6	4	080289106
8	2	080289108
10	2	080289110
11	1	080289111
12	1	080289112
14	1	080289114
16	1	080289116
18	1	080289118
20	1	080289120
22	1	080289122

8029R-K



ØD mm (")		
8 (5/16)	1	080299106
10 (3/8)	1	080299108
11 (7/16)	1	080299110
13 (1/2)	1	080299111
16 (5/8)	1	080299112
19 (3/4)	1	080299116

8031R-K



ØA mm		
13	1	080319112
16	1	080319116

8032-K



ØA mm		
13	1	080329012
16	1	080329016

8040EN-K



Ø mm		
* M6	4	080409306
M8	4	080409308
M10	2	080409310
M12	1	080409312
* M14	1	080409314
M16	1	080409316
* M18	1	080409318
M20	1	080409320
* M22	1	080409322
M24	1	080409324
* M27	1	080409327
M30	1	080409330

8040EZ-K



Ø mm		
* M6	4	080409406
M8	4	080409408
M10	2	080409410
M12	1	080409412
* M14	1	080409414
M16	1	080409416
* M18	1	080409418
M20	1	080409420
* M22	1	080409422
M24	1	080409424
* M27	1	080409427
M30	1	080409430

8041-K



Ø mm		
* M8	1	080419208
* M10	1	080419210
* M12	1	080419212

8042EN-K



Ø mm		
* M6	4	080429306
M8	4	080429308
M10	2	080429310
M12	1	080429312
* M14	1	080429314
M16	1	080429316
* M18	1	080429318
M20	1	080429320
* M22	1	080429322
M24	1	080429324
* M27	1	080429327
M30	1	080429330

8042EZ-K



Ø mm		
* M6	4	080429406
M8	4	080429408
M10	2	080429410
M12	1	080429412
* M14	1	080429414
M16	1	080429416
* M18	1	080429418
M20	1	080429420
* M22	1	080429422
M24	1	080429424
* M27	1	080429427
M30	1	080429430

8043-K



Ø mm		
* M8	1	080439208
* M10	1	080439210
* M12	1	080439212

8051S-K



WLL kg		
250	1	080519202
500	1	080519205

8216-K



ø F mm		
2	4	082169202
3	4	082169203
4	4	082169204
5	2	082169205
6	2	082169206
8	2	082169208
10	1	082169210

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.



9572MB

Beta-March F1 vintage T-shirt, 100% cotton



S	1	095720701
M	1	095720702
L	1	095720703
XL	1	095720704
XXL	1	095720705

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

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

9507U

men's sweatshirt, made of CVC fleece fabric, 60% cotton and 40% polyester, with hood and long zip



M	1	095070052
L	1	095070053
XL	1	095070054
XXL	1	095070055

9507D

women's sweatshirt, made of CVC fleece fabric, 60% cotton and 40% polyester, with hood and long zip



S	1	095070061
M	1	095070062
L	1	095070063
XL	1	095070064

9508K

long zip jacket, ripstop nylon, waterproof, folds into pocket



S	1	095080011
M	1	095080012
L	1	095080013
XL	1	095080014

9510

short-sleeved shirt, 100% poplin cotton, 110 g/m², 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

9533N

polyester shirt, breathable, 175 g/m², black



S	1	095330051
M	1	095330052
L	1	095330053
XL	1	095330054
XXL	1	095330055

9534W

three-button polo shirt, carded pique cotton 220 g/m², white



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/m², blue



S	1	095340051
M	1	095340052
L	1	095340053
XL	1	095340054
XXL	1	095340055

9535

t-shirt with double long sleeves, 100% cotton, 180 g/m², with print and appliqué on front, patch embroidered on sleeve



S	1	095350011
M	1	095350012
L	1	095350013
XL	1	095350014

9537N

fleece pullover, black, 100% polyester



M	1	095370102
L	1	095370103
XL	1	095370104
XXL	1	095370105

9564B

polyester necktie, blue



9564S	1	095640011

9564G

polyester necktie, grey



9564P	1	095640021

9564X

polyester slim necktie, bordeaux



9564X	1	095640031

9593CV

quartz chronograph, 42.5 mm steel case, 5 ATM water resistant, calendar, leather strap



9593CV	1	095930115

9593CA

chronograph, steel case, 5 ATM water resistant, leather strap



9593	1	095930025

9593B

analogue watch, soft touch plastic case, with metal ring, 3 ATM water resistant, silicone strap



9593B	1	095930130

9544

hard, cabin-sized trolley



9544	1	095440100

9545

PC trolley



9545	1	095450100

9557J 2.0

bag made of coated polyester/Oxford 600D polyester fabric, dimensions 47x28x25 cm



9557J 2.0	1	095570020

9557SB

sports bag with shoe compartment, made of coated polyester/Oxford 600D polyester fabric, dimensions 46x21x37 cm



9557SB	1	095570050

9557N

"Racing" bag, made from waterproof PVC coated fabric



cm		
80x35x35	1	095570001

9541

sports computer rucksack, 600D polyester / PVC. 1680D and 420D/PU insets



cm		
43x39x16	1	095410000

9541F

rucksack made of coated polyester/Oxford 600D polyester fabric, dimensions 50x33x16 cm



9541F	1	095410011

9541BIKE

rucksack made of Oxford polyester, dimensions 41x24x16 cm



9541BIKE	1	095410021

95740

work gloves



M	1	095740202
L	1	095740203
XL	1	095740204
XXL	1	095740205

9574B

work gloves



M	1	095740102
L	1	095740103
XL	1	095740104
XXL	1	095740105

9525C

Ottoman cap, 100% breathable polyester, black, one-size-fits-all adjustable buckle strap



9525C	5	095250051

9525R

cap, 100% breathable polyester, black, one-size-fits-all adjustable buckle strap



9525R	5	095250071

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

9521W

umbrella made of nylon 210T, diameter 100 cm



9521W	1	095210111

9599CB

Atala® city bike, 49 cm aluminium frame, Shimano® 6 speed gear, V-brake®, 28" aluminium rims



9599CB	1	095990011

9599CB-W

Atala® city bike, aluminium frame, Shimano® 6-speed gear, V-Brakes® 28" aluminium rims



9599CB-W	1	095990023

9598A

Atala® mountain bike, aluminium frame, suspension fork with mechanical lockout, Shimano® Acera 24 speed gear, hydraulic disc brakes, 29" aluminium rims



9598A M	1	095980100
9598A L	1	095980102

9598B

Whistle® mountain bike, monocoque carbon frame, Suntour fork with remote lockout, Shimano XT 20 speed gear, Deore derailleur and controls, Shimano hydraulic brakes, 27.5" aluminium rims



	H cm		
9598B S	160÷170	1	095980198
9598B M	170÷180	1	095980200
9598B L	180÷195	1	095980202

9539C/B

protective cycling helmet, outer cap made of polycarbonate, inner cap made of black,
high-density EPS, adjustable size 54-62, circumference wheel adjustment



M	1	095390000
L	1	095390001

9542

biking jersey and bib shorts, short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, silicone elastic at jersey end; Lycra bib shorts, silicone elastic at leg end, antibacterial seat padding



S	1	095420002
M	1	095420003
L	1	095420004
XL	1	095420005
XXL	1	095420006
XXXL	1	095420007

9542G

winter jersey, breathable fabric, raised inside, long zip, three rear pockets, silicone elastic at jersey end



S	1	095420012
M	1	095420013
L	1	095420014
XL	1	095420015
XXL	1	095420016
XXXL	1	095420017

9542S

winter underpants, raised Lycra, antibacterial, high-breathability seat padding



S	1	095420022
M	1	095420023
L	1	095420024
XL	1	095420025
XXL	1	095420026
XXXL	1	095420027

9542A

sleeveless wind stopper jacket, breathable bound fabric, long zip



S	1	095420032
M	1	095420033
L	1	095420034
XL	1	095420035
XXL	1	095420036
XXXL	1	095420037

9542AL

waterproof windbreaker, long-sleeved, made of breathable fabric



S	1	095420042
M	1	095420043
L	1	095420044
XL	1	095420045
XXL	1	095420046
XXXL	1	095420047

9543S

biking jersey and bib shorts, short-sleeved jersey, breathable microfibre fabric, long, covered zip, three rear pockets, silicone elastic at jersey end; Lycra bib shorts, silicone elastic at leg end, antibacterial, high-breathability seat padding



S	1	095430002
M	1	095430003
L	1	095430004
XL	1	095430005
XXL	1	095430006
XXXL	1	095430007

9543W

biking jersey and bib shorts, short-sleeved jersey made of breathable microfibre fabric, long, covered zip, three rear pockets, silicone elastic at jersey end;
Lycra bib shorts, silicone elastic at leg end, antibacterial, high-breathability seat padding, white



S	1 095430102
M	1 095430103
L	1 095430104
XL	1 095430105
XXL	1 095430106
XXXL	1 095430107

9597P

column pump with gauge



9597P	1 095970100

9524SC

miniature Beta garage for collectors



1:43	1 095240043
1:18	1 095240018

9547WSK

"Kinder Work Station", workbench with tools, for children from 3 years of age



9547WSK	1 095473801

9547T

"Kinder trolley", tool trolley, for children from 3 years of age, complete with tools



9547T	1 095470100

9560A

mini cold air inflatable arch,
dimensions: interior 3.60x4.60 m; diameter 92 cm,
orange

ON REQUEST



9560A	1 095600001

9562L

gazebo, 3x3 m - open on one side

ON REQUEST



9562L	1 095620010

9562P

gazebo, 3x3 m, closed,
with door and windows

ON REQUEST



9562P	1 095620100

9561V

sail flag, 4x0.75 m,
with chrome-plated metal pole,
grit concrete base, 50 cm



9561V	1 095610001

9559

one-sided banner, TNT; modules: 3x0.8 m



9559	1 095591001

9559/30MT

nonwoven fabric roll of 10 Beta logos



9559/30MT	1 095591031

9590B

flag, made of screen-printed nylon



9590B	1 095900000

9582LE

luminous sign, one-sided, for outdoor use



9582LE	1 095820010

9582LI

luminous sign, two-sided, for indoor use



9582LI	1 095820050

9577M

overalls, T/C twill, polyester/cotton (65/35), 240 g/m²



S	1 095770051
M	1 095770052
L	1 095770053
XL	1 095770054
XXL	1 095770055
XXXL	1 095770056

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

9563P

office armchair, black



9563P	1 095630010

9549PB

portable battery, ultrathin, 5400 mA



9549PB	1 095490051

9549USB

USB key, 8 GB



9549USB	1 095490061

9547

desk calculator



9547	1 095470000

9594

clock complete with thermometer and hygrometer, 26 cm in diameter



ø cm		
26	1	095940051

9527 6T

set of 6 coffee cups



9527 6T	1	095270001

9527MUG

mug with cover and silicone sleeve



9527MUG	1	095270020

9581

petrol lighter



9581	1	095811001

9586K

multipurpose steel knife, 10 functions



9586K	1	095860100

9592B/C50

set of 50 pens



9592B/C50	1	095920050

9592B/P

customised pens



9592B/P	500	095920051

9588M

soft foam tray with 1 pen and 2 notebooks



9588M	1	095880011

9596

badge holder, polyester, with metal clip and mobile phone string



9596	10	095961001

9595C

leather key ring



9595C	1	095950011

9595T

metal chrome-plated key ring, in velvet pouch



9595T	1	095950021

9595 C25

metal chrome-plated key ring with rubber hook



9595 C25	1	095950031

9569P

shopper, made of polyethylene, folded sides



9569	44x34	50	095691001

9569S

TNT shopper with folded sides, 38x42 cm



9569S	50	095690051

9587 9x14

notebook, 9x14 cm



9587 9x14	5	095870009

9587 13x21

notebook, 13x21 cm



9587 13x21	5	095870013

9588S/10...

set of 10 notepads



9588S/10A 21x29 cm	1	095881001
9588S/10B 15x21 cm	1	095881002
9588S/10C 10x15 cm	1	095881003
9588S/10D 7,5x10,5 cm	1	095880054

9588/10PI

set of 10 notepads with adhesive sheets



9588/10PI 7,5x7,5 cm	1	095880055

9589A/36

pack of 36 rolls of packaging adhesive tape, with Beta logo, tawny



9589A/36	1	095890035

9589B/36

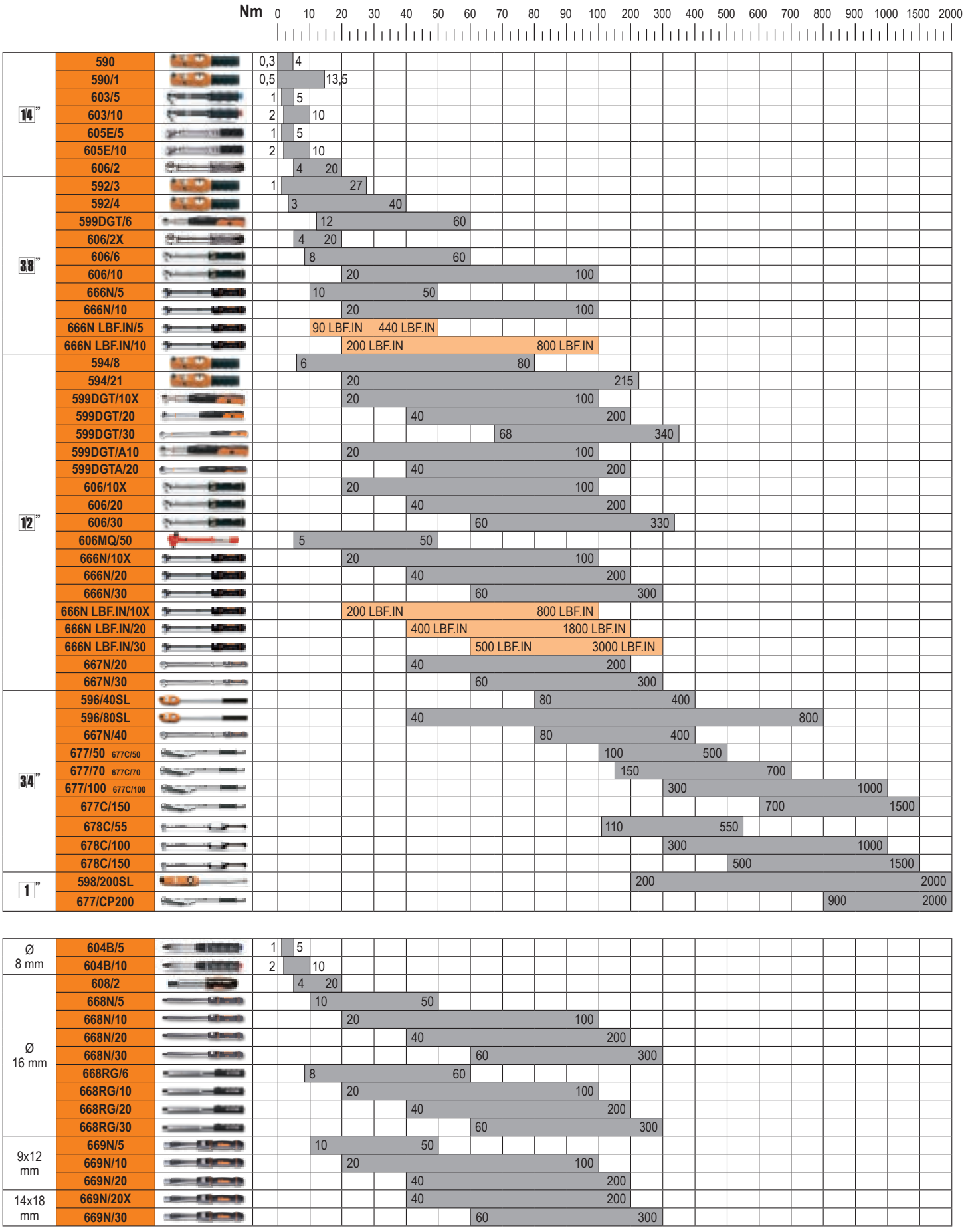
pack of 36 rolls of packaging adhesive tape, with Beta logo, white



9589B/36	1	095890036

FIELDS OF USE FOR TORQUE WRENCHES AND BARS

1Nm=0,10197 Kgfm=0,7375lbf.ft



ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

42 /B6	000420049	42 /B9	000420064
42 /SP17	000420075	42 /S17	000420065
42 /SPV1	000420080		
55 /B6	000550150	55 /B8	000550158
195FTX E6XE8	001950406	95 FTX6X8	000950306
195FTX E10XE12	001950410	95 FTX10X12	000950310
195FTX E14XE18	001950414	95 FTX14X18	000950314
195FTX E20XE24	001950420	95 FTX20X24	000950320
195 FTX/B4	001950501	95 FTX/S4	000950325
720 IP17	007200667		
720 IP19	007200669		
720 IP21	007200671		
720 LPL17	007200717	720 LC17	007200637
720 LPL19	007200719	720 LC19	007200639
720 LPL21	007200721	720 LC21	007200641
720 LPL/C3	007200750		
720 T/90	007200760	720 TC/90	007200769
720 T/100	007200762	720 TC/100	007200770
720 T/110	007200764	720 TC/110	007200771
720 T/120	007200766	720 TC/120	007200772
720 T/B4	007200780	720 TC/S5	007200779
728 LS/S3	007280550		
855 T	008550050	855 P	008550010
900 LPH/SB7	009000707		
910 LH/SB7	009100479		
920 PE/LS4	009200442		
920 TX/L SB4	009200542	920 TX/L SB10	009200545
920 TX/L SB6	009200543	920 TX/L SB10	009200545
930 /S12	009300082	930 /S13	009300083
930 /SP13	009300084	930 /S13	009300083
930 /SPV	009300095		
935 /S12	009350182	935 /S13	009350183
960 KI	009600235	1462 /KI	014620235
960 TP	009600300	1464 T	014640050
960 TAP	009600350	1464 AP	014640450
1153 160	011530016	1153 200	011530120
1153 200	011530020	1153 200	011530120
1263 /D5	012630005	1263 /D6	012630006
1461 /C3B	014610031	1461 /C3B	014610032
1461 /C5G	014610052	1461 /C5G	014610053
1461 /C6B	014610061	1461 /C6B	014610063
1461 /C6G	014610062	1461 /C6G	014610064
1461 /C7B	014610071	1461 /C7B	014610072
1461 /C8B	014610081	1461 /C8B	014610083
1461 /C8G	014610082	1461 /C8G	014610084
1461 /C9B	014610091	1461 /C9B	014610092
1461 /C10G	014610102	1461 /C10G	014610103
1461 /C11G	014610112	1461 /C11G	014610113
1461 /C12A	014610121	1461 /C12A	014610123
1461 /C12G	014610122	1461 /C12G	014610124
1461 /C13A	014610131	1461 /C13A	014610133
1461 /C13B	014610132	1461 /C13B	014610134
1461 /C18B	014610181	1461 /C18B	014610182
1461 /C20G	014610200	1461 /C20G	014610221
1461 /C21G	014610201	1461 /C21G	014610222
1461 /C22B	014610202	1461 /C22B	014610223
1461 /C23B	014610203	1461 /C23B	014610224
1461 /C24B	014610204	1461 /C24B	014610225
1461 /C25G	014610205	1461 /C25G	014610226
1461 /C26B	014610206	1461 /C26B	014610227
1461 /C27G	014610207	1461 /C27G	014610228
1461 /C28B	014610208	1461 /C28B	014610229
1461 /C30G	014610210	1461 /C30G	014610231
1505	015050010	1505 V	015050001
1550 /2	015500002	1550 U	015500010
1550 /2-SR90	015500150		
1550 /2-SR150	015500151		
1550 /2-SR175	015500152		
1550 /2-SR205	015500153		
1550 /2-PS	015500157		
1550 /2-MRC	015500161		
1566 /GO	015660051	1566 /GO1	015660052
1688 BC	016880200	1688 PC	016880300
1688 BC/R	016880210		
1691 BG/3	016910103	1692 /3	016920053
1691 BG/5	016910105	1691 BM/5	016910205
1691 BG/8	016910108	1691 BM/8	016910208
1691 BG/10	016910110	1691 BM/10	016910210
1761	017610001	1761	017610101
1761 RS/1	017610030	1761 RS/1	017610130
1836	018360100	1836 A	018360050
1837 E	018370501	1837 +	018370026
1842 XBM	018420201	1842 LED/BM	018420301
1842 XABM	018420211	1842 LED/ABM	018420311
1846 XBM	018460201	1846 LED/BM	018460301
1846 XABM	018460211	1846 LED/ABM	018460311
	018460231	1846 R-LED/BM	018460331
1860 E/120A	018600120	1860 K/160A	018600160
1860 E/150A	018600150	1860 K/160A	018600160
1927 DA	019270033	1927 XM	019270030
2029 BG-MQ	020290255	2029 BG-MQ	020290256
2032 ET/A	020320117	2032 ET/A	020320118
2032T ET/A	020320227	2032T ET/A	020320228
2107 VU/3	021070103	2107 VU/3	021070104
2109 VU/3	021090123	2109 VU/3	021090124
2110 VU/3	021100023	2110 VU/3	021100024
2110 VU/AS	021100025	2110 VU/AS	021100026
2110S VU/3	021100103	2110S VU/3	021100104
2111 VU/3	021110103	2111 VU/3	021110104
2112 ET/A	021120127	2112 ET/A	021120128
2112 VU/5	021120155	2112 VU/5	021120156
2115P L-VU/3	021150243	2115P L-VU/3	021150244
2116 VU/3	021160103	2116 VU/3	021160104
2117 P-VU/3	021170043	2117 P-VU/3	021170044
2117 PL-VU/3	021170143	2117 PL-VU/3	021170144
2119 VU/3	021190023	2119 VU/3	021190024
2119 L-VU/3	021190123	2119 L-VU/3	021190124
2120 VU/3	021200017	2120 VU/3	021200028
2120 VU/AS	021200019	2120 VU/AS	021200021
2120 L-VU/3	021200117	2120 L-VU/3	021200128
2120 L-VU/AS	021200119	2120 L-VU/AS	021200121
2200 S-O/VI	022000425	2200 S-O/VI	022000461
2200 S-G/VI	022000426	2200 S-G/VI	022000462
2200 S-R/VI	022000427	2200 S-R/VI	022000463
2400 SL-O/VI2T	024002407	2400 SL-O/VI2T	024002431
2400 SL-G/VI2T	024002408	2400 SL-G/VI2T	024002432
2400 SL-R/VI2T	024002409	2400 SL-R/VI2T	024002433
2400SAXL7-O/VI3T	024002451	2400SAXL7-O/VI3T	024002464
2400 SAXL7-G/VI3T	024002452	2400SAXL7-G/VI3T	024002465
2400SAXL7-R/VI3T	024002453	2400SAXL7-R/VI3T	024002466
2400 S7-O/VI2T	024002761	2400 S7-O/VI2T	024002434
2400 S7-G/VI2T	024002762	2400 S7-G/VI2T	024002435
2400 S7-R/VI2T	024002763	2400 S7-R/VI2T	024002436
2400 S8-O/VI3T	024002817	2400 S8-O/VI3T	024002861
2400 S8-G/VI3T	024002818	2400 S8-G/VI3T	024002862
2400 S8-R/VI3T	024002819	2400 S8-R/VI3T	024002863
2424 T296	024240296	2424 T297	024240297
2499 PP/M	024990060	1927 SP-AM	019270000
2500 /VI	025000077	2500 /VI	025000087
3000 /VI3	030000098	3000 /VI3	030000099
3063 /2,5T	030630025	3063 /2,5T	030630125
4100S /SBK	041000104		
4100S VU/5	041000105		
4100H /SBK	041000114		
4100H VU/5	041000115		
4200S /SBK	042000084		
4200S VU/5	042000085		
4200H /SBK	042000094		
4200H VU/5	042000095		
CP52-O	052000501	CP51-O	051000501
CP52-G	052000502	CP51-G	051000502
CP52-R	052000503	CP51-R	051000503
C57 P	057000020	C57S P/O	057001020
5700 PO/U	057000195	5700 PO/U	057001075
C57 P/G	057000220	C57S P/G	057001220
5700 PG/U	057000395	5700 PG/U	057001275
C57 P/R	057000420	C57S P/R	057001420
5700 PR/U	057000595	5700 PR/U	057001475
C57S A/O	057001001	C57S A/O	057001005
C57S B/O	057001002	C57S B/O	057001006
5700 AO/VI	057001096	5700 AO/VI	057001091
5700 AO/VG	057001097	5700 AO/VG	057001092
5700 BO/VI	057001098	5700 BO/VI	057001093
5700 BO/VG	057001099	5700 BO/VG	057001094
C57S A/G	057001201	C57S A/G	057001205
C57S B/G	057001202	C57S B/G	057001206
5700 AG/VI	057001296	5700 AG/VI	057001291
5700 AG/VG	057001297	5700 AG/VG	057001292
5700 BG/VI	057001298	5700 BG/VI	057001293
5700 BG/VG	057001299	5700 BG/VG	057001294
C57S A/R	057001401	C57S A/R	057001405
C57S B/R	057001402	C57S B/R	057001406
5700 AR/VI	057001496	5700 AR/VI	057001491
5700 AR/VG	057001497	5700 AR/VG	057001492
5700 BR/VI	057001498	5700 BR/VI	057001493
5700 BR/VG	057001499	5700 BR/VG	057001494
C58 P/B	058000021	C58 P/O	058000121
5800 P/BU	058000197	5800 P-O	058000181
5902 VI	059020040	5902 VI	059020050
5904 VI/2T	059040163	5904 VI/2T	059040164
5904 VI/3T	059040167	5904 VI/3T	059040168
5910 VI/3	059100052	5910 VI/3	059100053
5915 VU3	059150126	5915 VU3	059150128
5915 VUAS	059150131	5915 VUAS	059150132
5915 VU5	059150155	5915 VU5	059150156
5940 SBK	059400071	5940 SBK	059400081
5980 MQ	059800255	5980 MQ	059800256
5980 ET/A	059800261	5980 ET/A	059800262
7208RK 39	072080139	7243CR 39	072430739
7208RK 40	072080140	7243CR 40	072430740
7208RK 41	072080141	7243CR 41	072430741
7208RK 42	072080142	7243CR 42	072430742
7208RK 43	072080143	7243CR 43	072430743
7208RK 44	072080144	7243CR 44	072430744
7208RK 45	072080145	7243CR 45	072430745
7208RK 46	072080146	7243CR 46	072430746
7208RK 47	072080147	7243CR 47	072430747
7254NA 38	072540138	7235B 38	072350238
7254NA 39	072540139	7235B 39	072350239
7254NA 40	072540140	7235B 40	072350240
7254NA 41	072540141	7235B 41	072350241
7254NA 42	072540142	7235B 42	072350242
7254NA 43	072540143	7235B 43	072350243
7254NA44	072540144	7235B44	072350244
7254NA45	072540145	7235B45	072350245
7254NA46	072540146	7235B46	072350246
7254NA47	072540147	7235B47	072350247
7255NA38	072550138	7236B38	072360238
7255NA39	072550139	7236B39	072360239
7255NA 40	072550140	7236B 40	072360240
7255NA 41	072550141	7236B 41	072360241
7255NA 42	072550142	7236B 42	072360242
7255NA 43	072550143	7236B 43	072360243
7255NA 44	072550144	7236B 44	072360244
7255NA 45	072550145	7236B 45	072360245
7255NA46	072550146	7236B 46	072360246
7255NA47	072550147	7236B 47	072360247
7293TKK38	072930238	7294TKK 38	072940238
7293TKK39	072930239	7294TKK 39	072940239
7293TKK40	072930240	7294TKK 40	072940240
7293TKK41	072930241	7294TKK 41	072940241
7293TKK 42	072930242	7294TKK 42	072940242
7293TKK 43	072930243	7294TKK 43	072940243
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7293TKK 45	072930245	7294TKK 45	072940245
7293TKK 46	072930246	7294TKK 46	072940246
7293TKK 47	072930247	7294TKK 47	072940247
7293TKK 48	072930248	7294TKK 48	072940248

ELIMINATED ITEMS – SUBSTITUTE/RECOMMENDED ITEMS

ELIMINATED ITEM
SUBSTITUTE ITEM
RECOMMENDED ITEM

7329B 38	073290538		
7329B 39	073290539		
7329B 40	073290540		
7329B 41	073290541		
7329B 42	073290542		
7329B 43	073290543		
7329B 44	073290544		
7329B 45	073290545		
7329B 46	073290546		
7329B 47	073290547		
7330B 38	073300538		
7330B 39	073300539		
7330B 40	073300540		
7330B 41	073300541		
7330B 42	073300542		
7330B 43	073300543		
7330B 44	073300544		
7330B 45	073300545		
7330B 46	073300546		
7330B 47	073300547		
7347RP 38	073470138		
7347RP 39	073470139		
7347RP 40	073470140		
7347RP 41	073470141		
7347RP 42	073470142		
7347RP 43	073470143		
7347RP 44	073470144		
7347RP 45	073470145		
7347RP 46	073470146		
7347RP 47	073470147		
7348RP 38	073480138		
7348RP 39	073480139		
7348RP 40	073480140		
7348RP 41	073480141		
7348RP 42	073480142		
7348RP 43	073480143		
7348RP 44	073480144		
7348RP 45	073480145		
7348RP 46	073480146		
7348RP 47	073480147		
7360BKK 38	073600238	7361UM 38	073610338
7360BKK 39	073600239	7361UM 39	073610339
7360BKK 40	073600240	7361UM 40	073610340
7360BKK 41	073600241	7361UM 41	073610341
7360BKK 42	073600242	7361UM 42	073610342
7360BKK 43	073600243	7361UM 43	073610343
7360BKK 44	073600244	7361UM 44	073610344
7360BKK 45	073600245	7361UM 45	073610345
7360BKK 46	073600246	7361UM 46	073610346
7360BKK 47	073600247	7361UM 47	073610347
7361DKK 38	073610038	7361UB 38	073610238
7361DKK 39	073610039	7361UB 39	073610239
7361DKK 40	073610040	7361UB 40	073610240
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7361DKK 43	073610043	7361UB 43	073610243
7361DKK 44	073610044	7361UB 44	073610244
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7361DKK 46	073610046	7361UB 46	073610246
7361DKK 47	073610047	7361UB 47	073610247
7361GKK 38	073610138		
7361GKK 39	073610139		
7361GKK 40	073610140		
7361GKK 41	073610141		
7361GKK 42	073610142		
7361GKK 43	073610143		
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7361GKK 47	073610147		
7368NKK 38	073680038	7368UN 38	073680338
7368NKK 39	073680039	7368UN 39	073680339
7368NKK 40	073680040	7368UN 40	073680340
7368NKK 41	073680041	7368UN 41	073680341
7368NKK 42	073680042	7368UN 42	073680342
7368NKK 43	073680043	7368UN 43	073680343
7368NKK 44	073680044	7368UN 44	073680344
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7368NKK 46	073680046	7368UN 46	073680346
7368NKK 47	073680047	7368UN 47	073680347
7368BKK 38	073680138	7368UM 38	073680538
7368BKK 39	073680139	7368UM 39	073680539
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7368BKK 41	073680141	7368UM 41	073680541
7368BKK 42	073680142	7368UM 42	073680542
7368BKK 43	073680143	7368UM 43	073680543
7368BKK 44	073680144	7368UM 44	073680544
7368BKK 45	073680145	7368UM 45	073680545
7368BKK 46	073680146	7368UM 46	073680546
7368BKK 47	073680147	7368UM 47	073680547
7368GKK 38	073680238	7368UG 38	073680438
7368GKK 39	073680239	7368UG 39	073680439
7368GKK 40	073680240	7368UG 40	073680440
7368GKK 41	073680241	7368UG 41	073680441
7368GKK 42	073680242	7368UG 42	073680442
7368GKK 43	073680243	7368UG 43	073680443
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7369GKK 40	073690140	7369UB 40	073690240
7369GKK 41	073690141	7369UB 41	073690241
7369GKK 42	073690142	7369UB 42	073690242
7369GKK 43	073690143	7369UB 43	073690243
7369GKK 44	073690144	7369UB 44	073690244
7369GKK 45	073690145	7369UB 45	073690245
7369GKK 46	073690146	7369UB 46	073690246
7369GKK 47	073690147	7369UB 47	073690247
7399 M-90	073990013		
7399 M-120	073990014		
7817N /XS	078170000		
7817N /S	078170001		
7817N /M	078170002		
7817N /L	078170003		
7817N /XL	078170004		
7817N /XXL	078170005		
7817N /XXXL	078170006		
7827 /XS	078270000		
7827 /S	078270001		
7827 /M	078270002		
7827 /L	078270003		
7827 /XL	078270004		
7827 /XXL	078270005		
7827 /XXXL	078270006		
7827 /XXXXL	078270007		
7937P /XS	079370100		
7937P /S	079370101		
7937P /M	079370102		
7937P /L	079370103		
7937P /XL	079370104		
7937P /XXL	079370105		
7937P /XXXL	079370106		
7980 BLACK/M	079800002		
7980 BLACK/L	079800003		
7980 BLACK/XL	079800004		
7982 G	079820009		
7982 B	079820109		
7995 /S	079950001		
7995 /M-L	079950002		
7995 /XL-XXL	079950004		
8020 28	080200028		
8057 2	080570020	8057R 2	080570120
8057 3,15	080570032	8057R 3,15	080570132
8058 2	080580020	8058R 2,0	080580120
8058 3,15	080580032	8058R 3,15	080580132
8060 5,3	080600053	8060R 5,3	080600153
8061 F1,12	080610111	8061R 1,12	080610211
8061 F2	080610120	8061R 2,0	080610220
8061 F3,15	080610131	8061R 3,15	080610231
8188 F35-MT4	081880290	8188V F35-MT4	081881290
8188 FG2-MT3	081880530	8188V FG2-MT3	081881530
TV	088880001		
TOV	088880002		
9521 O/OB	095210011	9521 W	095210111
9525 /ITA	095250050	9525 C	095250051
9525 BS/N	095251011	9525 R	095250071
9528	095280000		
9536 S	095361011		
9536 M	095361012		
9536 L	095361013		
9536 XL	095361014		
9536 XXL	095361015		
9539 C	095391000	9539 C/M	095390000
9540 M/XS	095400041		
9540 M/S	095400042		
9540 M/M	095400043		
9540 M/L	095400044		
9540 M/XL	095400045		
9540 M/XXL	095400046		
9540 M/XXXL	095400047		
9540 P/XS	095400051		
9540 P/S	095400052		
9540 P/M	095400053		
9540 P/L	095400054		
9540 P/XL	095400055		
9540 P/XXL	095400056		
9540 P/XXXL	095400057		
9546	095460100		
9557 J	095570011	9557 J2.0	095570020
9572 GG/XS	095720000		
9572 GG/S	095720001		
9572 GG/M	095720002		
9572 GG/L	095720003		
9572 GG/XL	095720004		
9572 GG/XXL	095720005		
9572 GB/XS	095720100		
9572 GB/S	095720101		
9572 GB/M	095720102		
9572 GB/L	095720103		
9572 GB/XL	095720104		
9572 GB/XXL	095720105		
9572 GC/XS	095720200		
9572 GC/S	095720201		
9572 GC/M	095720202		
9572 GC/L	095720203		
9572 GC/XL	095720204		
9572 GC/XXL	095720205		
9572 H/S	095720501		
9572 H/M	095720502		
9572 H/L	095720503		
9572 H/XL	095720504		
9572 H/XXL	095720505		
9577 F1-S	095771001	9577 M-S	095770051
9577 F1-M	095771002	9577 M-M	095770052
9577 F1-L	095771003	9577 M-L	095770053
9577 F1-XL	095771004	9577 M-XL	095770054
9577 F1-XXL	095771005	9577 M-XXL	095770055
9577 F1-XXXL	095771006	9577 M-XXXL	095770056
9590	095900001	9590 B	095900000
9592 S/50P	095920201	9592 B/C50	095920050
9592 P/P	095920701	9592 B/P	095920051
9595 M/10	095950070		

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