

## Tool Assortments



### 1000 Tool box TOURING

47 pieces

The perfect assortment for most problems. A carefully developed assortment of tools specified as the most useful. Packed in a handy plastic case. The reliable companion in a car, boat or small aircraft. Useful in the home – where good tools are always needed. All 47 pieces are well laid out and securely fastened. With the TOURING 1000 repairs and maintenance become easy.



- ✔ The case is made from impact-resistant blown polypropylene, resistant to oil and acid and extremes of weather, with foam insert.
- ✔ Secure fastenings – tested to 30.000 movements.
- ✔ Secure locking with two stage mechanism.
- ✔ Folding carrying handle, large and strong.

GEDORE vanadium tools, chrome-plated.

Code	No.	Contents	573
6600780	1000	47 tools with case	6.7



### 1090 Electrician's tool assortment

90 pieces in case

The perfect tool set for the electrician or property manager. A thoughtful assortment for the work to be done. Packed in a strong plastic case with aluminium frame. Three steel hinges, screwed handle, fitted with built in locks. May be used wherever the right tools have to be always at hand. GEDORE vanadium tools, chrome-plated.

Code	No.	Contents	573
6601590	1090	90 tools with case	11.7



DIN 3113 ISO 3318, Form A, ISO 7738



### 7 Combination spanner set

Best selling sizes.

Code	No.	mm / AF	573
6092850	7-080	8 9 10 11 13 14 17 19	525
6093150	7-012	10 11 12 13 14 17 19 22 24 27 30 32	2600



similar DIN 3113



### 7 XL Combination spanner set

extra long

Best selling sizes.

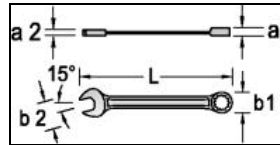
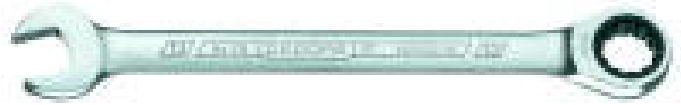
Code	No.	mm	573
6104880	7 XL-080	8 9 10 11 13 14 17 19	940



## 7 R Open ended spanner with ring ratchet

For difficult screw connections. The open end is for loosening tightly-fitting bolts, the ring ratchet is for ratchet loosening and fast tightening. No more repositioning necessary - this is the modern way to tighten bolts. Fine toothed (72 teeth) and a very low constructional height make the 7 R range an indispensable aid in places where the normal ratchet is too large or clumsy. Astonishingly high torque transfer - the DIN requirements are exceeded. To use the spanner as bit ratchet the adapter 618 with 1/4" square drive can be separately ordered.

Code	No.	mm	L mm	a <sub>1</sub>	a <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	mm
6081300	7 R 8	8	140.0	6.6	4.0	16.7	16.8	30
6081490	7 R 9	9	150.0	6.9	4.8	18.3	18.4	40
6081570	7 R 10	10	160.0	7.3	4.6	19.7	20.3	43
6081650	7 R 11	11	165.5	7.7	5.0	21.3	22.3	55
6081730	7 R 12	12	172.0	8.2	5.3	22.2	24.6	63
6081810	7 R 13	13	177.0	8.7	5.7	24.6	26.3	73
6082030	7 R 14	14	191.0	9.1	6.2	26.8	28.6	92
6082110	7 R 15	15	200.0	9.4	6.6	28.7	31.1	108
6082380	7 R 16	16	208.5	10.0	6.6	29.5	32.6	119
6082460	7 R 17	17	225.0	10.3	6.8	31.3	34.6	147
6082540	7 R 18	18	236.5	10.7	7.6	32.8	36.9	171
6082620	7 R 19	19	248.0	11.2	8.1	33.9	39.3	193

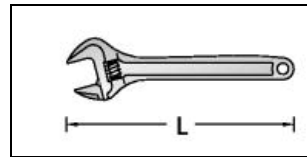


DIN 3117 Form A

## 60 CP Single open ended spanner adjustable

Swedish pattern, roller with left hand thread. Jaw set at 15°. GEDORE vanadium steel 31CrV3, mat. No. 1.2208, chrome-plated, polished heads.

Code	No.	L mm	mm	ZAF	mm
6380990	60 CP 6	155	20	25/32	150
6381020	60 CP 8	205	25	1	250
6381100	60 CP 10	255	30	1.3/16	450
6381290	60 CP 12	305	36	1.7/16	700



DIN 3110, ISO 3318, ISO 1085, ISO 10102

## 6 Double open ended spanner set

Boxed in illustrated cartons. H = set in stable plastic holder.

Code	No.	mm	mm
6077380	6-8	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22	750
6077890	6-120	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 21x23 24x27 25x28 30x32	2150



DIN 896 Form B, ISO 2236, ISO 1085



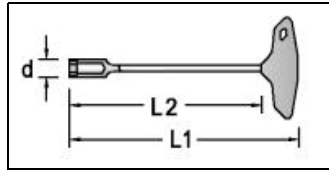
## KD 26 R Double ended socket wrench set with tommy bars

Code	No.	Contents	mm
6218540	KD 26 R-8	6x7 8x9 10x11 12x13 14x15 16x17 18x19 20x22 26 RS-1 -2 -3	1720





similar DIN 3125, ISO 2725



### 33 T Socket wrench

with T-handle

Blue T-handle, non-slip grained surface, with hole for hanging. Head depth 25 mm. GEDORE vanadium steel 31CrV3, mat. No. 1.2208, chrome-plated.

Code	No.	mm	L <sub>1</sub>	L <sub>2</sub>	d	
1531301	33 T 5	5.0	227.5	195	8.0	160
6353320	33 T 5,5	5.5	227.5	195	8.0	95
6357580	33 T 6	6.0	227.5	195	9.0	100
6357660	33 T 7	7.0	227.5	195	11.0	120
6357740	33 T 8	8.0	227.5	195	12.0	130
6357820	33 T 9	9.0	227.5	195	13.0	150
6357900	33 T 10	10.0	227.5	195	14.0	160
6353400	33 T 11	11.0	269.0	230	16.0	180
6353590	33 T 12	12.0	269.0	230	17.0	185
6358040	33 T 13	13.0	269.0	230	18.0	200

### Socket Set 3/8"

With forged, tempered hexagon, bi-hexagon or UD profile sockets, hand-operated, and accessories made from GEDORE vanadium steel 31CrV3, mat. No. 1.2208. Supplied in GEDORIT blue sheet steel case.

U-3 Set with fine toothed, dial change ratchet



### 30 G Socket set

17 pieces

Dimensions: 318 x 118 x 37 mm

Code	No.	Ratchet	Sockets	Accessories	
6235980	30 GMU-3	U-3	30 6 7 8 9 10 11 13 14 15 16 17 19 mm	3087 3090-5 -10 3095	1.9



DIN 3122, ISO 3315 - DIN 3123, ISO 3316



1993 U-20

### 1993 U-20 Ratchet

1/2" square drive

For hand-operated sockets and accessories with square drive as per DIN 3120 - C 12.5, ISO 1174 ball locking device. GEDORE vanadium steel 31CrV3, mat. No. 1.2208, chrome-plated.

6

Reversible ratchet with lever change, push button release, locks in middle position, oval head, dual-material handle, non-slip, hanging hole.

Code	No.	Description	L mm	H mm	
1436686	1993 U-20	Reversible ratchet 1/2"	270	37.5	530

## Socket Set 1/2"

With forged, tempered hexagon, bi-hexagon or UD profile sockets, hand-operated, and accessories made from GEDORE vanadium steel 31CrV3, mat. No. 1.2208. Supplied in GEDORIT blue sheet steel case.

U-10T Set with reversible with lever change ratchet



## 19 E Socket set

21 pieces

Dimensions: 433 x 180 x 148 mm

Code	No.	Ratchet	Sockets	Accessories	Icons
			19 8 9 10 11 12	1987	
6630850	19 EMU-10	U-10T	13 14 15 16 17 19 22 24 27 30 32 mm	1990-5 -10 1995	5.1

## IN 19 P Screwdriver bit socket

9 pieces

For hexagon head screws (INBUS\* ), in GEDORIT blue sheet steel case. Dimensions: 281 x 79 x 35 mm.

\* = reg. trademark of Bauer & Schaurte

Code	No.	Contents	Icons
6156250	IN 19 PM	IN 19 5 6 7 8 9 10 12 14 17 mm	820



## ITX 19 TX Screwdriver bit socket

17 pieces

For protruding and recessed TORX\* screws, in GEDORIT blue sheet steel case. Dimensions: 318 x 118 x 37 mm.

\* = reg. trademark of Camcar-Textron Inc. USA

Code	No.	Contents	Icons
6129520	ITX 19 TX-017	ITX 19 T20 T25 T27 T30 T40 T45 T50 T55 T60 TX 19 E10 E11 E12 E14 E16 E18 E20 E24	2.0





### 1 Double ended ring spanner sets

VK = packed in environmentally-friendly cardboard box.

Code	No.	mm	Stk
7002310	1-8 VK	6x7 - 20x22 mm	1400
7009910	1-120 VK	6x7 - 30x32 mm	3500

### 14 R Double ended ring spanner with ratchet

Chrome-plated, for right and left hand operation by easy turning over the spanner. Especially suitable for barely-accessible places.



Code	No.	Stk
7026250	14 R 6x7	55
7026330	14 R 8x9	80
7026410	14 R 10x11	145
7026680	14 R 12x13	135
7026760	14 R 14x15	210
7026840	14 R 16x18	195
7026920	14 R 17x19	190
7027060	14 R 21x22	215



### 5 Double open ended spanner sets

VK = packed in environmentally-friendly cardboard box.

Code	No.	mm	Stk
7012620	5-8 VK	6x7 - 20x22 mm	700
7017340	5-120 VK	6x7 - 30x32 mm	2100



### 9 Combination spanner sets

VK = packed in environmentally-friendly cardboard box.

Code	No.	mm	Stk
7011650	9-080 VK	8 - 19 mm	600
7017420	9-012 VK	10 - 32 mm	2500

## 22 EZ PROFI Socket set 1/4"

15 pieces

With ratchet, hexagon sockets, chrome-vanadium steel 31CrV3, chrome-plated. In impact-resistant plastic case, dimensions: 206 x 62 x 31 mm.

Code	No.	Ratchet	Sockets	Accessories	Price
7204450	22 EZ	Z-94	O 4 4.5 5 5.5 6 7 8 9 10 11 13 mm	  	250

1/4"



## Socket Set 1/2"

With hot forged sockets and accessories. Chrome-vanadium steel 31CrV3, chrome-plated. In solid metal cases, silver-grey powder-coated.

No. 15 with hexagon sockets

U-2 = Dial change ratchet

## 15 F Socket set

19 pieces

Dimensions: 430 x 180 x 50 mm

Code	No.	Ratchet	Sockets	Accessories	Price
7075970	15 FU-2	U-2	10 11 12 13 14 15 16 17 19 22 24 27 30 32 mm	1587 1590-5 1590-10 1595	4.5

1/2"



1/4" 3/8" 1/2"



## 4549/4550 TORCOFIX K

1-300 N·m / 0.75-220 lbf·ft

### Use:

- ✔ Controlled screw tightening in the most widely used range of 1 - 300 N·m
- ✔ For use in all areas of industrial manufacturing

### Features:

- ✔ Adjustable torque wrench with a square drive and an integrated ratchet-head function
- ✔ For controlled bi-directional tightening
- ✔ 1/4", 3/8", 1/2" interchangeable mushroom head-square drive with ball-locking mechanism as per DIN 3120 - A 6.3, A 10 or A 12.5, ISO 1174
- ✔ In accordance with DIN EN ISO 6789, traceable to national norms
- ✔ Lever-breaking mechanism with a castor guarantee tactile-impulse and audible actuation signals
- ✔ Actuation accuracy: +/- 3% tolerance of the scale set torque
- ✔ Robust, silk-matt chrome-plated steel tube construction, with chrome-plated ratchet head and glass-fibre-reinforced plastic parts
- ✔ Double scale N·m and lbf·ft below a window with a magnifying-glass effect
- ✔ Additional micrometer scale with N·m graduation of 0.025; 0.1; 0.25; 0.5 or 1 N·m
- ✔ Ergonomically shaped convenient black plastic handgrip
- ✔ With an indentation in the middle of the handgrip as a calibration aid

### Scope of delivery:

- ✔ Test certificate as per DIN EN ISO 6789
- ✔ Operating instructions
- ✔ The individual wrench is delivered in a transparent plastic box with a practical suspension mounting.

Code	No.	Drive	N·m	lbf·ft	mm	mm	mm	mm	mm
1545124	4549-01	1/4"	1-5	0,75-3,7	220	35	18	0,025 N·m	300
1545132	4549-02	3/8"	2-25	1,5-18	285	35	18	0,1 N·m	450
1545140	4549-05	1/2"	5-50	4-37	335	35	18	0,25 N·m	540
7601530	4550-10	1/2"	10-100	8-75	395	44	22	0,5 N·m	900
7601610	4550-20	1/2"	20-200	15-150	485	44	22	1 N·m	1100
7601880	4550-30	1/2"	60-300	45-220	575	44	22	1 N·m	1400

## 3550 TORCOFLEX K

8-300 N·m / 6-220 lbf·ft



### Use:

- ✔ Controlled screw tightening in the most widely used range 8 - 300 N·m
- ✔ For use in all areas of industrial manufacturing

### Features:

- ✔ Adjustable torque wrench with square drive and integrated ratchet-head function
- ✔ For controlled bi-directional tightening
- ✔ 3/8" or 1/2" push-through square drive with ball-locking mechanism as per DIN 3120 - A 10 or A 12.5, ISO 1174
- ✔ In accordance with DIN EN ISO 6789, traceable to national norms
- ✔ Lever-breaking mechanism with a castor guarantee tactile-impulse and audible actuation signals
- ✔ Actuation accuracy: +/- 3% tolerance of the scale set torque
- ✔ Robust, powder-coated steel tube construction with zinc-plated ratchet head
- ✔ Double scale N·m and lbf·ft underneath a window with a magnifying-glass effect
- ✔ N·m graduation of 2.5; 5 or 10 N·m
- ✔ Black plastic handgrip with slip-resistant grained surface
- ✔ 4 models in the range 8 - 300 N·m



### Scope of delivery:

- ✔ Test certificate as per DIN EN ISO 6789
- ✔ Operating instructions
- ✔ Delivered in transparent plastic box with a practical suspension mounting

Code	No.	Drive	N·m	lbf·ft	mm	mm	mm	mm	mm
1477978	3550-07	3/8"	8-70	6-52	350	44	22	2,5 N·m	600
1379534	3550-10	3/8"	10-100	8-75	395	44	22	5 N·m	1000
1379526	3550-20	1/2"	20-200	15-150	485	44	22	10 N·m	1250
1379518	3550-30	1/2"	60-300	45-220	575	44	22	10 N·m	1450





## 755 TORQUE SCREWDRIVER

Type FS

Use:

- ✔ Controlled screw tightening in the range 0.02 - 13.6 N·m
- ✔ Serial manufacture with constant tightening value
- ✔ Electronic industry, precision mechanics and industrial manufacturing

Features:

- ✔ Pre-set torque screwdriver without a scale
- ✔ With 1/4" female hexagon spindle for use with 1/4" hexagon bits as per DIN 3126 - C 6.3
- ✔ With adapter also suitable for 1/4" square drive sockets as per DIN 3124
- ✔ Actuation accuracy: +/- 6% tolerance of the set torque
- ✔ In accordance with DIN EN ISO 6789, traceable to national norms
- ✔ Precision radial ball clutch and cam design for controlled bi-directional tightening
- ✔ Precision mechanism slips very noticeably through when the set torque is reached
- ✔ Automatic resetting to the starting position
- ✔ Lightweight construction by virtue of anodised aluminium handgrips
- ✔ ESD (electrostatic discharge) = electrostatically protected
- ✔ The pre-setting can be made at the RAHSOL DREMOTEC factory or by the user on suitable torque testers
- ✔ If ordering, please specify the N·m value - if a fixed factory setting is desired (price on request)

Scope of delivery:

- ✔ 1/4" square/hexagon drive adaptor (no. 757-20)
- ✔ Operating instructions
- ✔ Test certificate as per DIN EN ISO 6789
- ✔ Delivered in sturdy cardboard packaging

Code	No.	Drive	cN·m	N·m	mm	Handgrip colour	Stk
1471481	755-01	⊕ + ⊕	2-22		76	red	50
1471473	755-02	⊕ + ⊕	0,5-22		104	golden	72
1471465	755-03	⊕ + ⊕	2-135		111	blue	210
1471457	755-04	⊕ + ⊕	6-406		127	green	280

**8441-030 E-TORC 30-300 N·m / 22-220 lbf·ft**

Electronic Torque Wrench

Use:

- For very high standards of torque control and documentation
- In quality control and in the test laboratory
- Alternate-Tool for screwing workstations / remanufacturing workstations
- For use in all areas of industrial manufacturing

Features:

- Adjustable, microprocessor-controlled, electronic torque wrench with CE symbol
- Working range 30 - 300 N·m
- With 16 mm spigot end
- Visual, acoustic and sensorial signal when the set torque is achieved
- With a bi-directional RS 232 serial interface for PC / printer or PLC control (programmable-logic control)
- In accordance with DIN EN ISO 6789, traceable to national norms
- Robust aluminium housing with carbon tube
- Housing can be rotated by 120°
- Broad measurement range in N·m, can be switched to lbf·ft/lbf·in
- High measurement accuracy: +/- 1% tolerance for all read-off values, +/- 1 digit
- Baud rate variable to 300 - 9600 baud
- Simple to operate
- Battery or rechargeable-battery operation – with corresponding status display
- Automatic calibration at the push of a button and immediately following standby mode
- Complete documentation of the measured data (date, time, measurement values ...)
- Storage function for up to 2000 measurement values
- Power-transmission length-dependence is compensated
- Various specifications - optionally on request (e.g. earphone)



Scope of delivery:

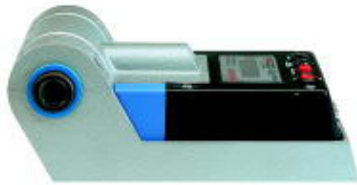
- Operating instructions
- Test certificate as per DIN EN ISO 6789
- Delivered in a robust sheet-metal case with practical accessory module inlays
- Detailed technical information is available on request

Code	No.	Drive	N·m	lbf·ft	↳mm↳	
1545248	8441-030	Ⓜ	30-300	22-220	555	1.1

## Electronic Torque Testers

### 8612 DREMOTEST-TRONIC

DREMOTEST-TRONIC – the electronic torque tester series for fulfilling DIN ISO 9001:9002. This is a consistent product comprising well-proven mechanics and leading-edge electronics. Test, read, print out. Indispensable for every DIN-norm-compliant verification of clockwise torque wrenches in the range 2-1000 N·m. For demonstrating safety and precision. All models are distinguished by their extremely wide measuring ranges, high operating convenience, high precision and their robust casing. DREMOTEST-TRONIC torque tester are optimally suited for internal use in car and industrial-vehicle garages/workshops, in all sectors of industry and by calibration services.



### 8612 DR/PC DREMOTEST-TRONIC DR/PC

2-1000 N·m / 1.48-738 lbf·ft

Electronic Torque Tester

#### Use:

- ✔ For testing, verifying and setting clockwise torque wrenches as per DIN EN ISO 6789
- ✔ Suitable for creating your own test certificates and for test-resource management (optimally in combination with our test-resource-management software PMV 2000, no. 8612-900 CD and testing device no. 8612-830)

#### Inclusion:

- ✔ Electronic torque tester with integrated torque transducer and CE symbol
- ✔ Integrated V 24/RS232 serial interface for PC/printer
- ✔ Traceable to national norms with quality test certificate
- ✔ All models have a 3/4" input square drive
- ✔ With 3/8" and 1/2" square drive adaptor
- ✔ High measuring accuracy: +/- 1% tolerance for all value readings, +/- 1 digit
- ✔ Broad measuring range in N·m, can be switched to lbf·ft.

#### Scope of delivery:

- ✔ Connecting cable for printer or PC (no. 8612-090)
- ✔ Power supply unit with plug and Euro-adaptor
- ✔ Adaptor: 3/8" - 1/2" square drive adaptor
- ✔ Operating instructions (9-language) with detailed remarks on handling
- ✔ Test certificate (traceable to national norms)
- ✔ The standard and mail-consignment packaging is an extremely sturdy plastic box

Code	No.	Drive		N·m	lbf·ft	Adaptor <input type="checkbox"/>	
7718640	8612-005			10-500	7,4-369	3/8", 1/2"	9.0
7718720	8612-010			20-1000	14,8-738	3/8", 1/2"	9.0

## Group 08 - HABERO

### 600 E-H Engineers' hammer ROTBAND-PLUS

Forged hammer head DIN 1041 made from high-quality special steel, black epoxy powder-coated. With contoured ash or hickory handle DIN 5111 additionally shaped with a long and hardened steel sleeve. The tapered collar, fixing plate and wood screw bond the hammer head and the handle into one unit. DBGM.G 9414 1878 (German utility patent), European-Patent-No. 0703045.



DIN 1041

Code	No.	L mm	🔧	🔧	PU
8581610	600 E-100	260	100	170	6
8581880	600 E-200	280	200	275	6
8581960	600 E-300	300	300	425	6
8582180	600 E-400	310	400	510	6
8582260	600 E-500	320	500	615	6
8582340	600 E-600	330	600	765	6
8582420	600 E-800	350	800	1000	6
8582500	600 E-1000	360	1000	1215	6
8582690	600 E-1500	380	1500	1750	6
8582770	600 E-2000	400	2000	2375	6



### E 600 Spare handle ROTBAND-PLUS

Ash or hickory, with hardened steel sleeve, tapered collar, fixing plate and wood screw. With this standard wooden handle, according to DIN 5111, it is possible to convert even ordinary hammer heads, as long as they are to DIN standards, to a ROTBAND-PLUS-hammer.

Method: Hammer the handle into the hammer head until it reaches the casing. Drive the tapered collar into the centre of the handle. Fasten the safety plate with a wood screw.

Code	No.	L mm	🔧	PU
8589190	E 600 E-200	280	55	10
8589270	E 600 E-300	300	110	10
8589350	E 600 E-400	310	120	10
8589430	E 600 E-500	320	125	10
8589510	E 600 E 600	330	130	10
8589780	E 600 E-800	350	170	10
8589860	E 600 E-1000	360	235	10
8589940	E 600 E-1500	380	255	10
8593700	E 600 E-2000	400	345	10

DIN 5111



## 250 SOFT-PLUS

Safety hammer with maleable cast iron shells

Interchangeable heads and hickory handle. Slots in the head and grooves in the shells provide an absolute safe connection. The screw is guided through the handle and connected with a self-locking nut. This provides highest safety.

Blue (R) = soft 20 Shore D

Material: Elastomer

For sensitive work pieces, light metal production, furniture industry, assembly works, etc.

Black (S) = medium soft 45 Shore D

Material: Caoutchouc

For sturdy applications, pavement craft, etc.

Yellow (G) = medium hard 63 Shore D

Material: Polyurethane

For universal applications, tooling and machine industry, automotive workshops, sheet metal work, etc.

Anthracite (A) = hard 70 Shore D

Material: Polyurethane

For high striking power, road building, etc

## 250 Safety hammer SOFT-PLUS

Code	No.	h mm	L mm	Ø mm	W mm	PU
1445820	250 AA-30	87	290	30	330	6
1445839	250 AA-40	110	325	40	650	6
1446010	250 AB-30	87	290	30	330	6
1446029	250 AB-40	110	325	40	650	6
1445936	250 AG-30	87	290	30	330	6
1445960	250 AG-40	110	325	40	650	6
1446088	250 AS-30	87	290	30	330	6
1446118	250 AS-40	110	325	40	650	6
1445790	250 BB-30	87	290	30	330	6
1445804	250 BB-40	110	325	40	650	6
1445898	250 BG-30	87	290	30	330	6
1445901	250 BG-40	110	325	40	650	6
1446045	250 BS-30	87	290	30	330	6
1446053	250 BS-40	110	325	40	650	6
1445766	250 GG-30	87	290	30	330	6
1445774	250 GG-40	110	325	40	650	6
1445987	250 GS-30	87	290	30	330	6
1445995	250 GS-40	110	325	40	650	6
1445855	250 SS-30	87	290	30	330	6
1445863	250 SS-40	110	325	40	650	6

## E 250 Spare head SOFT-PLUS

For safety hammer 250. Cadmium free, splinter-proof, shatter-proof, wear-resistant, colour fast.



Code	No.	Ø mm	W mm	PU
1445200	E 250 A-30	30	20	1
1445219	E 250 A-40	40	45	1
1445111	E 250 B-30	30	20	1
1445154	E 250 B-40	40	45	1
1445170	E 250 G-30	30	20	1
1445189	E 250 G-40	40	45	1
1445235	E 250 S-30	30	20	1
1445243	E 250 S-40	40	45	1

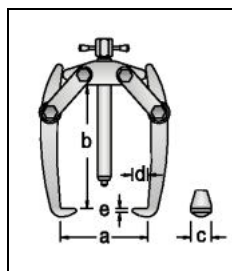


### 1.12 Battery-terminal puller

#### 2-arm pattern

The perfect tool for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc. The hook tips grip automatically.



Code	No.	a <sub>max</sub>	b		c	d	e	max. t	
8003840	1.12/02	60	40	M 10x1,5 x 60	10	5	2	0.5	120
8003760	1.12/01	60	60	M 10x1,5 x 80	10	5	2	0.5	160

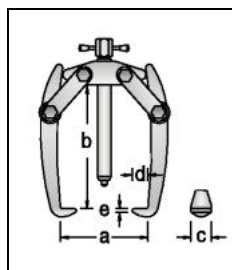


### 1.13 Battery-terminal puller

#### 3-arm pattern

The perfect tool for removing small parts such as battery terminals, pulleys, wheels, ball bearings, etc. The hook tips grip automatically.

Code	No.	a <sub>max</sub>	b		c	d	e	max. t	
8004650	1.13/02	60	40	M 10x1,5 x 60	10	5	2	0.75	150
8004570	1.13/01	60	60	M 10x1,5 x 80	10	5	2	0.75	200



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