

# PLIERS

A firm grip on everything: you have to be able to rely on pliers. They should grip securely, easy to use, last as long as possible and not damage the workpiece. The functionality, quality and user-friendliness of a pair of pliers are determined not only by the design, but above all by the manufacturing process.

GEDORE pliers blanks are forged in our own factories and manufactured at GEDORE Austria - the competence centre for pliers. The current range extends from the smallest telephone pliers to the largest pipe wrenches, and reaching for GEDORE pliers is guaranteed to pay off.

High cutting performance, extreme flexural strength and reliable surface protection are the results of many years of forging expertise and processes such as oil hardening and inductive post-hardening.

In the application, the interplay of perfect cutting edge geometry, optimised joints and ergonomic handles make all the difference. The GEDORE power pliers range is outstanding in every respect: maximum power transmission with minimum effort.



## POWER PLIERS - GEDORE POWER PLIERS



- Inlaid joint for optimum power transmission
- Maximisation of the leverage due to shifting of the pivot point
- 35% less force required with higher cutting and clamping performance





**STRONG  
POWERFUL**

#### THE FULL PROGRAMME

- Extremely wide range of pliers for specialists and generalists
- For wire classes from soft and medium-hard to hard and piano wire
- Available individually or in practical set

#### TONG GRIPS

- Dipped grip protection for improved feel and reduced risk of slipping
- 2-component grip guards for additional comfort and safety

#### TONG JOINTS

- Firm connection of the tong legs with a groove in the mounted joint
- Connection and adjustment device in one for pliers with through joint
- Optimum transmission of force with inserted joint

# **i** ANGLED COMBINATION PLIERS



**1**

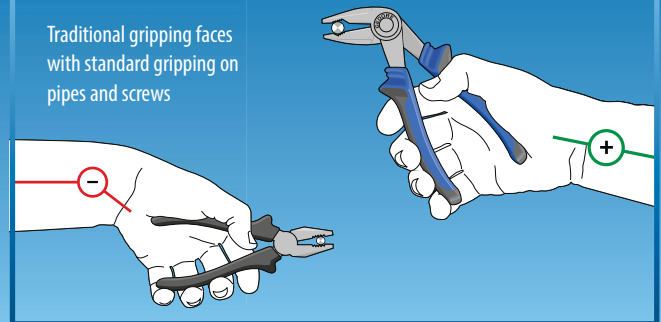
A pliers head angled at 60° goes easy on your joints and tendons. And you keep the workpiece in view at the same time

**2**

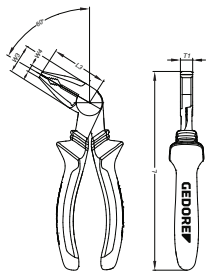
Specially offset teeth in the grip surfaces for best-possible gripping on pipes and screws

## TRADITIONAL COMBINATION PLIERS

Traditional gripping faces with standard gripping on pipes and screws



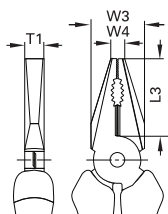
**8248**  
Angled combination pliers



- > One 60° angled pliers head
- > Specially offset teeth in the grip surfaces for best-possible grip on pipes and screws
- > Perfect ergonomics optimises hand force, forced hand position is avoided
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > TL = steel-grey, with blue dipped non-slip handles

Code	No.	L	L3	W3	W4	T1	
2276585	8248-160 JC	165	46	24,0	6,0	10,0	0,245

**8200**  
Combination pliers

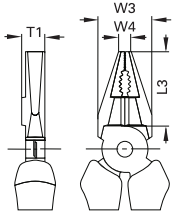


- > For round and flat material
- > For medium-hard wire 1.6 mm

Code	No.	L	L3	W3	W4	T1	
6730480	8200-125 JC	125	25	16,0	3,2	7,6	0,117

## 8210

Combination pliers  
German pattern

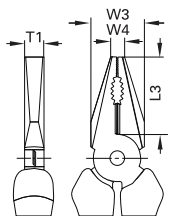


- > Reinforced type, for tough continuous operations
- > For round and flat material
- > For medium-hard wire 1.6 mm
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC

Code	No.	L	L3	W3	W4	T1	
6731100	8210-160 JC	160	34	23,0	5,8	10,8	0,217
6711340	8210-160 TL	160	34	23,0	5,8	10,8	0,173
6731530	8210-180 JC	180	38	27,0	6,4	11,8	0,284
6711420	8210-180 TL	180	38	27,0	6,4	11,8	0,227
6732180	8210-200 JC	200	42	29,5	7,4	12,5	0,356
6711850	8210-200 TL	200	42	29,5	7,4	12,5	0,296

## 8245

Combination pliers  
Euro pattern

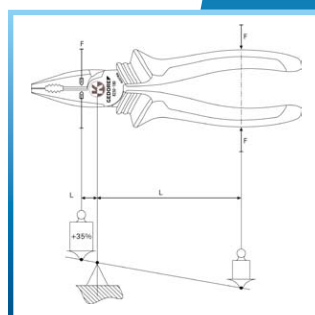
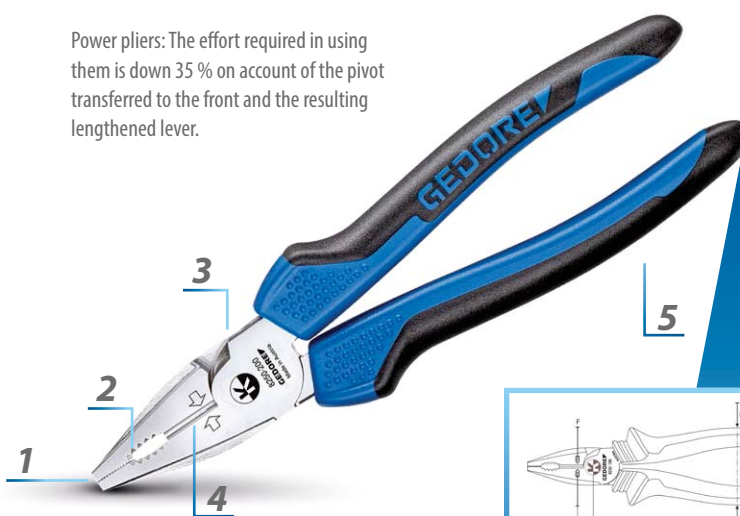


- > Universal model with slimline head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC
- > For round and flat material
- > For medium-hard wire 1.6 mm

Code	No.	L	L3	W3	W4	T1	
6733070	8245-160 JC	160	34	23,0	5,8	8,8	0,218
6730050	8245-160 TL	160	34	23,0	5,8	8,8	0,174
6733150	8245-180 JC	180	38	27,0	6,4	9,8	0,28
6730210	8245-180 TL	180	38	27,0	6,4	9,8	0,23
6733230	8245-200 JC	200	42	29,5	7,4	10,5	0,363
6730720	8245-200 TL	200	42	29,5	7,4	10,5	0,297

# i POWER COMBINATION PLIERS

Power pliers: The effort required in using them is down 35 % on account of the pivot transferred to the front and the resulting lengthened lever.



MOMENT EQUATION

### 1

Gripping surface with file-cut for a particularly effective hold

### 2

Roughly toothed gripping surfaces for securely holding screws, pipes etc.

### 3

Maximum cutting performance yet with a low level of effort expended thanks to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.

### 4

Inductively hardened cutting edges (62 - 64 HRC) ensure constant cutting power over a long time span.

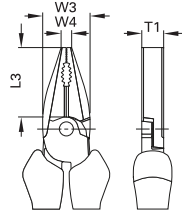
### 5

High-grade 2-component handles with finger protection enable work to be done ergonomically and to the exclusion of tiredness



## 8250

Power  
combination pliers



- > For heavy continuous use
- > High leverage for easier work
- > Induction hardened precision cutting edges, extra long, cutting edge hardness 62 - 64 HRC
- > For round and flat material
- > TL = steel-grey, with blue dipped non-slip handles

Code	No.	L	L3	W3	W4	T1	
<b>1429566</b>	8250-160 JC	160	35	22,8	5,8	10,4	0,225
<b>1429574</b>	8250-160 TL	160	35	22,8	5,8	10,4	0,18
<b>6707070</b>	8250-180 JC	180	38	25,6	6,5	11,0	0,282
<b>6707660</b>	8250-180 TL	180	38,5	25,6	6,5	11,0	0,227
<b>6707310</b>	8250-200 JC	200	39,5	27,0	6,5	12,4	0,36
<b>6707740</b>	8250-200 TL	200	39,5	27,0	6,5	12,4	0,288

## 8250-225 TL

Power  
combination pliers

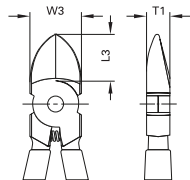


- > High force build-up due to convex handle shape (slightly rounded), the force is evenly distributed

Code	No.	L	L3	W3	W4	T1	
<b>6708040</b>	8250-225 TL	225	42,2	27,7	6,5	13,0	0,351

## 8313

Side cutters  
for plastic

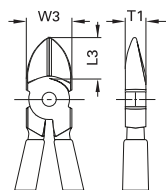


- > Without cutting edge bevel, for flush cutting of plastic parts or similar soft materials
- > Self-opening by pressure spring
- > only for plastic

Code	No.	L	L3	W3	T1	
<b>6745910</b>	8313-125 TL	125	16	17,0	8,5	0,116
<b>6746050</b>	8313-140 TL	140	18,5	18,5	9,5	0,131
<b>6746130</b>	8313-160 TL	160	19	22,0	10,0	0,184

## 8314

Side cutters  
Swedish pattern

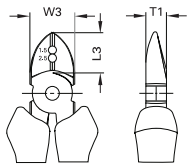


- > With slender head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm

Code	No.	L	L3	W3	T1	Ø	
<b>6742300</b>	8314-125 JC	125	16	17,0	8,5	1,6	0,146
<b>6740870</b>	8314-125 TL	125	16	17,0	8,5	1,6	0,107
<b>6742730</b>	8314-140 JC	140	18	18,5	9,5	1,6	0,176
<b>6740950</b>	8314-140 TL	140	18,5	18,5	9,5	1,6	0,129
<b>6743380</b>	8314-160 JC	160	19	22,0	10,0	1,6	0,23
<b>6741090</b>	8314-160 TL	160	19	22,0	10,0	1,6	0,173

### 8315

Electricians' side cutter



- > Double function: cutting and stripping
- > Stripping holes for solid and stranded conductors with 1.5 mm<sup>2</sup> and 2.5 mm<sup>2</sup> conductor cross-section
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

Code	No.	L	L3	W3	T1	mm <sup>2</sup>	
1396722	8315-160 JC	160	19	22,0	10,0	1,5 / 2,5	0,235

## POWER SIDE CUTTER



1

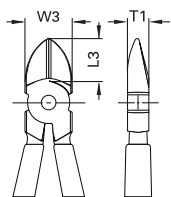
Inductively hardened cutting edges (63 - 65 HRC) ensure constant cutting power over a long time span.

2

Maximum cutting performance yet with a low level of effort expended thanks to an optimum interaction of cutting geometry, eccentric rivet bearing and ergonomic handle design.

### 8314

Power side cutter  
Swedish pattern

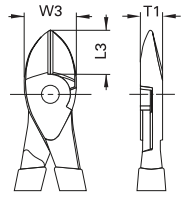


- > High build-up of force due to convex handle shape (slightly rounded), the force is evenly distributed
- > With slender head, ideal for confined spaces
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm

Code	No.	L	L3	W3	T1	∅	
2910934	8314-180 JC	185	25	26,0	11,0	1,6	0,3
2910926	8314-180 TL	185	25	26,0	11,0	1,6	0,243

Pliers

**8316**  
Power side cutter  
American pattern



- > Good lever action for easy cutting
- > For hard wire/piano wire
- > Max. cutting performance 1,4 - 2,0 mm
- > Induction hardened cutting edges 63 - 65 HRC
- > Highest cutting performance with less effort

Code	No.	L	L3	W3	T1	Ø	
<b>6744190</b>	8316-140 JC	140	17	22,0	9,5	1,4	0,175
<b>6711930</b>	8316-140 TL	140	17	22,0	9,5	1,4	0,146
<b>6744510</b>	8316-160 JC	160	19	24,5	10,0	1,6	0,236
<b>6712070</b>	8316-160 TL	160	19	24,5	10,0	1,6	0,195
<b>1439588</b>	8316-180 JC	180	22,6	26,0	11,0	1,8	0,265
<b>1439596</b>	8316-180 TL	180	22,6	26,0	11,0	1,8	0,225
<b>6745080</b>	8316-200 JC	200	22	28,0	11,0	2,0	0,34
<b>6712150</b>	8316-200 TL	200	22	28,0	11,0	2,0	0,27

**8318**  
Lever action side cutter



- > For hard wire/piano wire 1.6 mm
- > Double-jointed for maximum cutting performance

Code	No.	Ø	↳ mm	↳ inch	
<b>6745590</b>	8318-160 TL	1,6	160	6.1/2	0,213

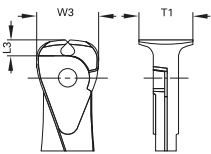
**8370**  
Lever action end cutting nipper



- > For hard wire/piano wire
- > Double-lever mechanism for maximum cutting performance
- \* **not standardised**

Code	No.	Ø	↳ mm	↳ inch	
<b>6750830</b>	8370-180	2,0	180	7	0,46
<b>6751050</b>	8370-210	2,0	210	8.1/2	0,61
<b>6751210*</b>	8370-235	2,5	235	9.1/4	0,755

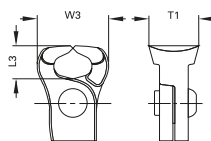
**8367**  
Power end cutting nipper



- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For hard wire/piano wire 1.6 mm

Code	No.	L	L3	W3	T1	Ø	
<b>6749150</b>	8367-160 JC	160	6,9	27,0	23,5	1,6	0,254
<b>6712230</b>	8367-160 TL	160	6,9	27,0	23,5	1,6	0,242

**8380**  
Tower pincer



- > Heavy-duty wire braid and mesh-cutting pincers
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > For medium-hard wire 1.6 mm

Code	No.	L	L3	W3	T1	
<b>6752020</b>	8380-225 TL	230	16	31,0	22,0	0,358
<b>6752100</b>	8380-250 TL	250	16	35,0	25,0	0,423
<b>6752290</b>	8380-280 TL	280	16	35,0	25,0	0,541

8368

End cutting nippers



- > Extra wide head for tightening the twist knots
- > Especially suitable for iron braiding on construction sites

Code	No.	L	
<b>3082512</b>	8368-160 TL	160	0,22
<b>3082601</b>	8368-200 TL	201	0,345

8090

Cable shears



- > For cutting single, multiple and fine-wire copper and aluminium cables up to  $\varnothing 15 \text{ mm} / 50 \text{ mm}^2$
- > For one hand operation
- > No cable squeezing or deformation
- > Not suitable for steel wire, wire rope and hard-drawn copper wire

Code	No.	mm <sup>2</sup>	$\varnothing$	↳ mm ◀	↳ "inch ◀	
<b>2959720</b>	8090-170 TL	50	15	170	6.3/4	0,21

8092

Cable shears



- > Max. cutting capacity  $\varnothing 10 \text{ mm}^2$
- > For cutting multi-core copper and aluminium cables up to  $\varnothing 10 \text{ mm}$
- > Not suitable for steel wire and hard copper
- > Hardness 55 HRC

Code	No.	mm <sup>2</sup>	$\varnothing$	↳ mm ◀	↳ "inch ◀	
<b>2878356</b>	8092-160 TL	10/50	10	160	6.1/2"	0,18

8093

Cable shears



- > For cutting multi-core copper and aluminium cables up to  $\varnothing 27 \text{ mm}$
- > Not suitable for wire ropes and steel wire
- > New cutting-edge geometry for a clean, smooth cut

Code	No.	mm <sup>2</sup>	$\varnothing$	↳ mm ◀	↳ "inch ◀	
<b>6724830</b>	8093	150	27	505	20	1,056

8094

Cable shears



- > For cutting multi-core copper and aluminium cables up to  $\varnothing 20 \text{ mm}$
- > The diameter increases to  $\varnothing 25 \text{ mm}$  when using rough and finish cuts
- > First cut: Use the front blade to cut the cable sheath

- > Final cut: Place the cable in the back blade and separate the wire(s)
- > Not suitable for steel wire and hard copper

Code	No.	mm <sup>2</sup>	$\varnothing$	↳ mm ◀	↳ "inch ◀	
<b>6724910</b>	8094	70	20	200	8.1/2	0,329



Pliers

**8095**  
Cable shears



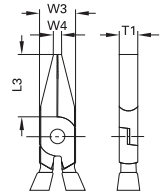
- > Cutter head in stainless steel, opens automatically
- > For cross-sections up to 10 mm<sup>2</sup>

Code	No.	mm <sup>2</sup>	mm	inch	kg
6707820	8095-160	10	160	6.1/2	0,134

**8110**  
Flat nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For holding and bending

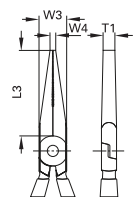


Code	No.	L	L3	W3	W4	T1	kg
6711690	8110-140 JC	140	28,5	16,5	3,6	8,5	0,154
6711500	8110-140 TL	140	28,5	16,5	3,6	8,5	0,118

**8120**  
Flat nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For holding and bending

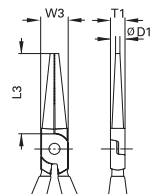


Code	No.	L	L3	W3	W4	T1	kg
6715170	8120-160 JC	160	51	16,5	3,4	9,0	0,17
6710370	8120-160 TL	160	51	16,5	3,4	9,0	0,133

**8122**  
Round nose pliers  
without cutting edge,  
serrated



- > With long jaws, serrated gripping faces
- > For gripping and bending

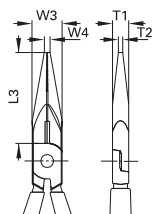


Code	No.	L	L3	W3	D1	T1	kg
6716810	8122-160 JC	160	48	16,5	2,5	8,7	0,15
6710530	8122-160 TL	160	48	16,5	2,5	8,7	0,114

**8132**  
Telephone plier  
with cutting edge,  
serrated, straight  
pattern



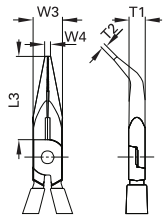
- > Long, flat-round jaws, straight gripping faces, serrated
- > For holding, gripping, bending and cutting
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC



Code	No.	L	L3	W3	W4	T1	T2	kg
6718860	8132-140 JC	140	42	15,0	2,5	7,8	2,0	0,125
6710610	8132-140 TL	140	42	15,0	2,5	7,8	2,0	0,104
6719240	8132-160 JC	160	50	16,5	3,2	9,0	2,5	0,166
6710880	8132-160 TL	160	50	16,5	3,2	9,0	2,5	0,129
6719670	8132-200 JC	200	75,7	18,5	3,7	9,5	2,8	0,225
6710960	8132-200 TL	200	75,7	18,5	3,7	9,5	2,8	0,186

**8132 AB**

Telephone plier  
with cutting edge,  
serrated, angled pattern



- > Long, flat-round jaws, straight gripping faces, serrated
- > tips 45° angled
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

Code	No.	L	L3	W3	W4	T1	T2	
<b>6720920</b>	8132 AB-160 JC	160	46	16,5	3,2	9,0	2,5	0,163
<b>6711180</b>	8132 AB 160 TL	160	46	16,5	3,2	9,0	2,5	0,125
<b>6721300</b>	8132 AB-200 JC	200	70,5	18,5	3,7	9,5	2,8	0,225
<b>6711260</b>	8132 AB-200 TL	200	70,5	18,5	3,7	9,5	2,8	0,19

## MULTIPLE PLIERS

**1**

Gripping faces with filecut for safe holding

**2**

Stripping of wire sizes  
0.5/1.5/2.5 mm<sup>2</sup>

**3**

Squeezing of insulated flat  
plugs 1.0-2.5 mm<sup>2</sup>

**4**

Cutting edge induction  
hardened (62 - 64 HRC)

**5**

Crimping of conductor  
endsleeves 0.5-2.5 mm<sup>2</sup>

**8133**

Multiple pliers  
with cutting edge,  
serrated, straight  
pattern



- > Holding, cutting, insulation-stripping, crimping, squeezing
- > Flat-round jaws, straight gripping faces, serrated
- > Induction-hardened precision cutting edges, hardness 62 - 64 HRC
- > For medium-hard wire 1.6 mm
- > Cutting edge additionally inductively hardened

Code	No.	« mm »	
<b>6722110</b>	8133-180 JC	180	0,18
<b>1997394</b>	8133-180 TL	180	0,16
<b>2676079</b>	8133-200 JC	200	0,2

Pliers

**8136**

Mechanics pliers without wire cutter, straight pattern



- > Acc. to DIN ISO 5745
- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > For holding, gripping and bending work
- > With fine-tipped nose

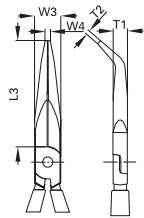
Code	No.	L	L3	W3	W4	T1	T2	
<b>6722700</b>	8136-200 JC	200	75,7	18,5	3,7	9,5	2,8	0,241
<b>6722890</b>	8136-200 TL	200	75,7	18,5	3,7	9,5	2,8	0,201

**8136 AB**

Mechanics pliers without wire cutter, angled pattern



- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > 45° angled tips make gripping round the corner possible
- > With fine-tipped nose



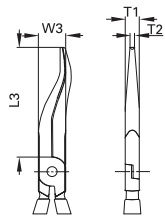
Code	No.	L	L3	W3	W4	T1	T2	
<b>6722970</b>	8136 AB-200 JC	200	70	18,5	3,7	9,5	2,8	0,239
<b>6723000</b>	8136 AB-200 TL	200	70	18,5	3,7	10,0	2,8	0,201

**8137**

Mechanics pliers without wire cutter, offset pattern



- > Flat-round tapered jaws, cross-hatched gripping surfaces
- > With fine-tipped nose
- > Gently-curved jaws enable holding and gripping to be done in inaccessible places



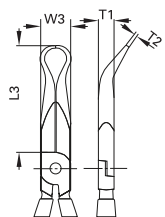
Code	No.	L	L3	W3	T1	T2	
<b>6723190</b>	8137-200 JC	200	74	18,5	9,5	2,8	0,231

**8138**

Mechanics pliers without wire cutter, 30° angled



- > 30° angled flat-round jaws, gripping surfaces cross serrated with fine point
- > For spark plug connectors and all kinds of hoses (e.g. radiator hoses)



Code	No.	L	L3	W3	T1	T2	
<b>6723350</b>	8138-200 JC	200	68	18,5	9,5	2,8	0,234

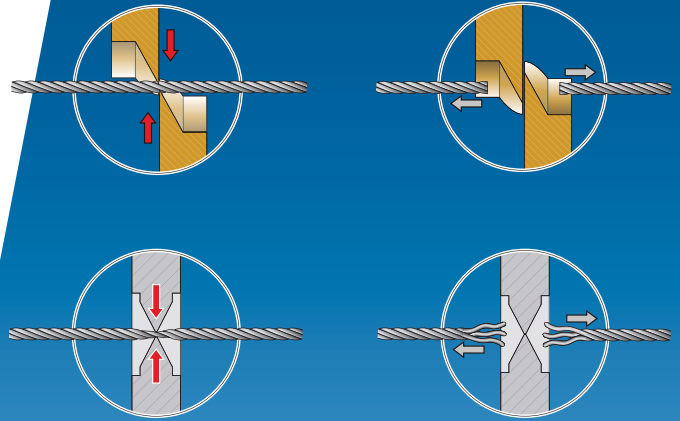
## SAFE CUT

### WIRE ROPE CUTTER

- Shearing cut - the cutting plates slide past each other and in this way dissect the material.
- The wire rope is cleanly cut and retains its circular crosssection. It does not fan out.

### BOLT CUTTER

- Notch cut; the cutters press into the material and create a notch. The material is compacted and thus separated.
- The wire rope is compressed and thus loses its circular crosssection at the cut. The wire rope fans out as a result.



### SPLICING

The old seafaring ability to separate the rope into its individual strands so as to then braid them into a loop or lengthen the rope with another rope without knotting.

### FANNING OUT


Fanning out - that is separating off into individual strands - is not wanted when cutting wire ropes. It is a very laborious business to splice wire ropes. That is why more up-to-date ways are available to incorporate loops in wire ropes. However, they require a smooth cut without any spliced strands.

#### 8317

Bowden cable cutter/  
Wire rope cutter



- › Crimping of bowden-cable sleeves and end-sleeves 1.5 mm and 2 mm
- › For cutting wire rope up to 2 mm diameter and bowden-cable sleeves up to 5 mm diameter as well as for medium-hard wire
- › With opening spring, transport lock and width adjustment

Code	No.	↳ mm	
2011638	8317-160 JC	170	0,15

#### 8320 JC

Wire rope cutters



- › Easy-to-change cutting plates
- › Extremely soft shearing cut reliably prevents the wire rope from fanning out
- › Specially arched cutting edges
- › Hardness 62 - 65 HRC
- › 2 integrated press profiles for Bowden cable end caps and Bowden cable sheath end caps
- › Wire ropes up to 1800 N/mm<sup>2</sup> with max. 6 mm Ø (e.g. stainless steel wire ropes, wire ropes with steel and textile cables, Bowden cables, shrouds)
- › Wire up to 750 N/mm<sup>2</sup> with max. 4 mm Ø (e.g. nails/wire pins, screws, bolts, ceiling hangers)
- › Single and multicore copper and aluminium cables with max. 6 mm Ø
- › Adjustable joint for precise cutting plate guidance
- › Latch to prevent unwanted opening

Code	No.	↳ mm	
2788799	8320-200 JC	200	0,48

Pliers

**E-8320**

Set of spares for wire rope cutter



- > Consisting of:  
2 inserts, 2 screws,  
1 TX angle wrench

Code	No.							
<b>2830779</b>	E-8320-200							0,02

**8097**

Wire stripper

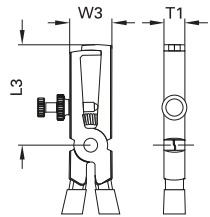


- > With V-shaped cutting knife
- > For stripping single-strand conductors 0.2 - 6.0 mm<sup>2</sup>
- > Adjustable stripping length
- > With wire cutter up to 2 mm

Code	No.	mm <sup>2</sup>	↳ mm	↳ inch	
<b>6702940</b>	8097	0,2-6,0	200	8	0,193

**8098**

Wire stripper



- > Opens automatically, with spring and adjusting screw
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors
- > For wires from 0.8 to 6.0 mm<sup>2</sup>

Code	No.	L	L3	W3	T1	mm <sup>2</sup>	
<b>6708630</b>	8098-160 JC	160	43,5	18,5	8,5	0,8-6,0	0,198

**8099**

Stripping pliers STRIP-FIX



- > Self-adjusting, for wires 0.5 - 5.0 mm<sup>2</sup>
- > V-shaped cutting jaws for stripping the plastic insulation of single- and multi-core conductors

Code	No.	mm <sup>2</sup>	↳ mm	↳ inch	
<b>6709520</b>	8099-160 JC	0,5-5,0	160	6.1/2	0,217

**E-8099**

Pair of replacement blades for stripping pliers STRIP-FIX

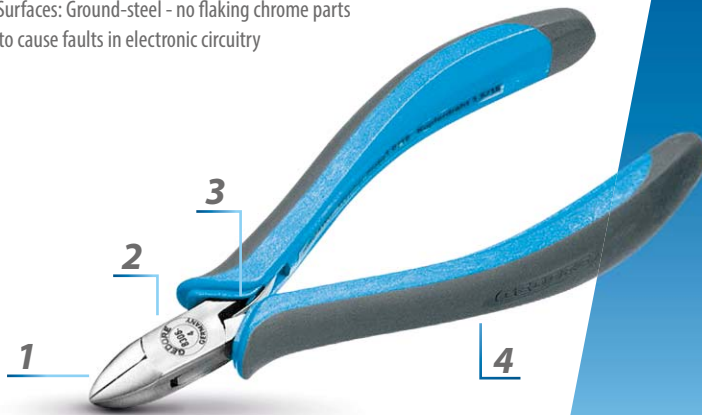


Code	No.				
<b>5709580</b>	E-8099				0,012



# **i** ELECTRONIC PLIERS

- For bending, straightening and assembly work in the electronic and precision mechanical sector
- GEDORE ESD-electronic-pliers dissipate electrostatic energy in a slow, controlled manner
- Surfaces: Ground-steel - no flaking chrome parts to cause faults in electronic circuitry



1

Precision-polished faces

2

Precision box joint, induction-hardened cutting edges

3

Welded-in double leaf spring cannot be lost, ensuring perfect functioning and a long service life

4

2-component handles with thermoplastic inserts, slip-inhibiting comfort grip

## S 8305 ESD

Electronic pliers set  
6 pieces



- > Most used sizes in a set
- > With microfibre cloth (No. E-8305 MT)

Code	No.	Contents	Pieces	
1955551	S 8305 ESD	8305-9 8306-1 8306-6 8307-3 8307-4 8308-1 E-8305-MT	6	0,68

## 8306-1

Electronic side cutter



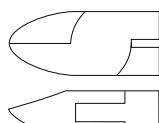
- > Oval head, with bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm	
6726450	8306-1	12	70	0,07

## 8306-2

Miniature electronic side cutter



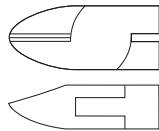
- > Short, oval head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm	
6726530	8306-2	9	55	0,055

Pliers

8306-4  
Electronic side cutter

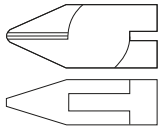


- > Oval head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm ↲	
6727180	8306-4	14	70	0,081

8306-5  
Miniature electronic side cutter

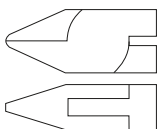


- > Pointed head, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm ↲	
6727340	8306-5	12	125	0,079

8306-6  
Miniature electronic side cutter

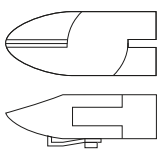


- > Short, head pointed and flattened (relief-milled), with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm ↲	
6727500	8306-6	10	53	0,072

8306-8  
Miniature electronic side cutter

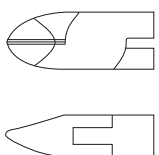


- > With wire gripper
- > Oval head, with bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

> ESD = electrically conductive

Code	No.	CL	↳ mm ↲	
6727930	8306-8	13	75	0,076

8306-7  
Electronic side cutter carbide



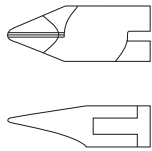
- > Oval head, with bevel
- > For maximum cutting performance due to the use of carbide cutting edges

> Hardness 84 - 86 HRA  
> ESD = electrically conductive

Code	No.	CL	↳ mm ↲	
6727770	8306-7	11	62	0,076

### 8306-9

Electronic side cutter carbide



- > For maximum cutting performance due to the use of carbide cutting edges
- > Hardness 84 - 86 HRA

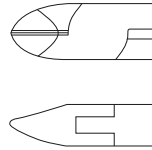
- > Especially suitable for cutting SMD components
- > ESD = electrically conductive

Code	No.	CL	mm
1743414	8306-9 SMD	11	61

0,076
-------

### 8306-10

Electronic side cutter carbide



- > Oval head, with special bevel, especially suitable for cutting glass fibre and Kevlar®
- > For maximum cutting performance due to the use of carbide cutting edges

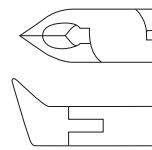
- > Hardness 84 - 86 HRA
- > ESD = electrically conductive
- > Kevlar® is a registered trademark of the company DuPont

Code	No.	CL	mm
1743422	8306-10	11	62

0,077
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### 8308-1

Electronic mini diagonal cutter



- > Pointed head, cutting edges angled 25°, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

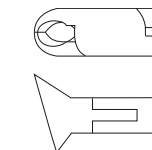
- > ESD = electrically conductive

Code	No.	CL	mm
1743600	8308-1	12	61

0,076
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### 8308-3

Electronic diagonal cutter



- > Wide head and long cutting edge, with fine bevel
- > Cutting edges angled 15°
- > Head ground to a point on one side

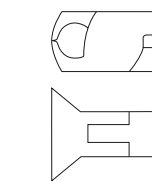
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC
- > ESD = electrically conductive

Code	No.	CL	mm
1743627	8308-3	15	77

0,094
-------

### 8308-4

Electronic end cutting nipper



- > Wide head and long cutting edge, with fine bevel
- > Induction-hardened precision cutting edges, hardness 61 - 63 HRC

- > ESD = electrically conductive

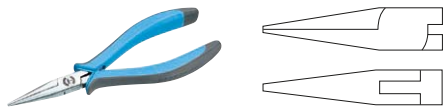
Code	No.	CL	mm
1743635	8308-4	15	74

0,098
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Pliers


8305-2

Needle nose electronic pliers



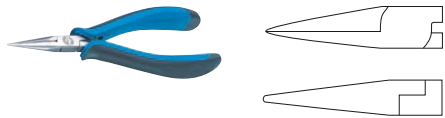
> Extra long, half round jaws, with cut

> ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
6725480	8305-2	39	93	0,111


8307-4

Needle nose electronic pliers



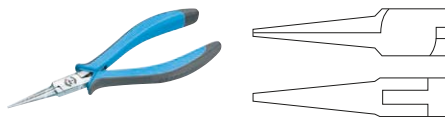
> Slim, narrow, flat-round tapered jaws  
> Smooth-ground gripping faces

> With opening spring  
> ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
1743562	8307-4	31	68	0,074

8305-6

Fine needle nose electronic pliers



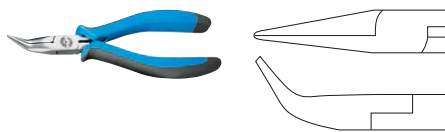
> Extra slim jaws and fine point  
> Without file-cut

> ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
6725720	8305-6	40	74	0,101

8307-7

Long nose electronic pliers



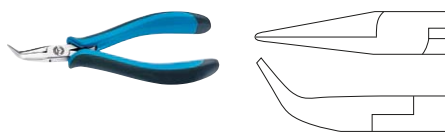
> 45° angled, extra long, flat-round jaws  
> For bending and straightening jobs

> Smooth-ground gripping faces  
> ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
1743597	8307-7	35	93	0,113


8307-3

Needle nose electronic pliers



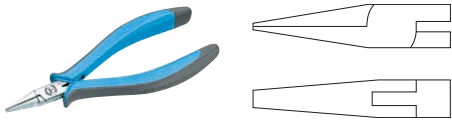
> 45° angled, slim, flat-round jaws  
> Gripping faces with fine file cut

> ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
1743554	8307-3	22	68	0,081

## 8305-9

Flat nose electronic pliers



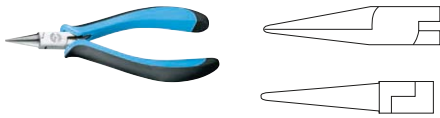
- > Straight pattern
- > Without file-cut

&gt; ESD = electrically conductive

Code	No.	JL	◀ mm ▶	
6726370	8305-9	23	61	0,073

## 8308-6

Round nose electronic pliers



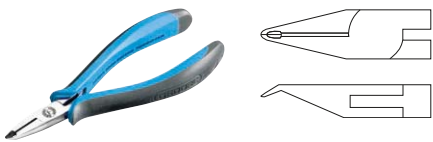
- > For delicate work in the electronic sector
- > Tips tapering to Ø 1 mm, without file-cut
- > ESD = electrically conductive

&gt; Kevlar® is a registered trademark of the company DuPont

Code	No.	JL	◀ mm ▶	
1743651	8308-6	20	62	0,078

## 8305-7

Electronic diagonal cutter



- > 65° angled cutting edges, with fine chamfer
- > Soft steel: 0.6 mm/AWG 22

- > Copper wire: 0,8 mm/AWG 20
- > ESD = electrically conductive

Code	No.	CL	◀ mm ▶	
6725990	8305-7	6	64	0,073

## 8352-2

Miniature electronic flat nose pliers



- > Long, narrow, smooth jaws

Code	No.	JL	◀ mm ▶	
1829076	8352-2	32	158	0,094

## 8352-1

Miniature electronic needle nose pliers



- > Short, narrow, smooth jaws

Code	No.	JL	◀ mm ▶	
1829068	8352-1	20	145	0,09

## 8352-3

Miniature electronic needle nose pliers



- > Long, narrow, serrated jaws
- > Cutting edges angled 45°

Code	No.	JL	◀ mm ▶	
1829084	8352-3	35	152	0,092



Pliers

8353-1

Miniature electronic wire stripping pliers



- > Multipurpose tool for cutting, stripping and terminal crimping

Code	No.	JL	l mm	kg
1829092	8353-1	40	175	0,126

8350-2

Miniature electronic side cutter



- > Sharp, narrow needle-point head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 0,8 mm/AWG 20

Code	No.	CL	l mm	kg
1828967	8350-2	8	132	0,073

8350-3

Miniature electronic side cutter



- > Sharp, narrow needle-point head
- > With wire-grip clamp
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,0 mm/AWG 18

Code	No.	CL	l mm	kg
1828975	8350-3	8	132	0,082

8350-6

Miniature electronic side cutter



- > Broad, pointed head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16
- > Medium-hard wire: 1,0 mm/AWG 18

Code	No.	CL	l mm	kg
1829009	8350-6	8	138	0,094

8350-7

Miniature electronic side cutter



- > Broad, pointed head
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16

Code	No.	CL	l mm	kg
1829017	8350-7	8	138	0,086

8350-8

Miniature electronic side cutter



- > fitted joints results in higher stability
- > Broad, pointed head
- > Cutting edges angled 21°, with fine bevel
- > Copper wire: 2,0 mm/AWG 12
- > Medium-hard wire: 1,6 mm/AWG 14

Code	No.	CL	l mm	kg
1829025	8350-8	12	140	0,11

**8350-9**

Miniature electronic side cutter



- > Broad, pointed head
- > With wire-grip spring
- > Cutting edges angled 21°, without bevel
- > Copper wire: 1,3 mm/AWG 16
- > Medium-hard wire: 1,0 mm/AWG 18

Code	No.	CL	↳ mm ↳	
<b>1829033</b>	8350-9	10	138	0,094

**8351-1**Miniature electronic side cutter  
Power Line

- > Cutting edges angled 21°, with fine bevel, hardness 62 HRC
- > Copper wire: 2,0 mm/AWG 12
- > Medium-hard wire: 1,6 mm/AWG 14
- > Piano wire: 0.6 mm/AWG 22

Code	No.	CL	↳ mm ↳	
<b>1829041</b>	8351-1	8	137	0,109

**8350-5**

Miniature electronic diagonal end cutting nippers



- > Broad, pointed head
- > Cutting edges angled 48°, without bevel
- > Copper wire: 1,3 mm/AWG 16

Code	No.	CL	↳ mm ↳	
<b>1828991</b>	8350-5	8	136	0,085

**8353-3**

Wire stripping knife



- > For cable sizes 4-16 mm

Code	No.	∅	↳ mm ↳	
<b>1828932</b>	8353-3	4-16 mm	140	0,087

**8353-2**

Insulating varnish stripper



- > For removing insulating varnish
- > Plastic handles
- > Strips wires 0.6 mm<sup>2</sup> / AWG 22

Code	No.	↳ mm ↳	mm <sup>2</sup>	AWG	
<b>1828924</b>	8353-2	125	0,6	22	0,047

**8354-1**

De-solder tool



- > for removing solder residues when de-soldering electronic components
- > White soldering tip made of Teflon® material
- > Housing made of aluminium (black) and PA6 polymer (blue)
- > Teflon® is a protected trademark of DuPont

Code	No.	↳ mm ↳	
<b>1828940</b>	8354-1	220	0,096

Pliers

**8147**  
Heavy-duty cable stripping tool



- > Professional wire stripping tool with 2 cable hooks
- > For cables (up to 40 mm Ø) with any kind of insulation
- > Possibility to lock the blade in one of 3 positions (circular, straight or spiral cuts)
- > Cable capacity: 4.5 - 40 mm Ø
- > Insulation thickness: up to 4.5 mm

Code	No.	Ø		
<b>1830856</b>	8147	4,5-40 mm		0,196

Code	No.			
<b>1884719</b>	E-8147			0,002

**8148**  
Precision stripping tool for data cables

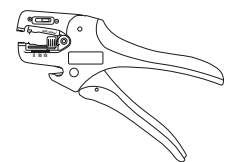


- > Precision adjustment of cutting depth (adjuster wheel with 9 positions)
- > Replaceable blade
- > Stripping capacity: 2.5 - 11 mm
- > Insulation thickness: up to 1.0 mm

Code	No.	Ø	[- mm -]	
<b>1830864</b>	8148	2,5 - 11 mm	90,5	0,043

Code	No.			
<b>1884727</b>	E-8148			0,002

**8146**  
Wire stripper self-adjusting



- > With flat blade
- Stripping capacity:**
- > No. 8146-1 with flat blade: 0.02-10 mm<sup>2</sup>/ AWG 34-8 (for PVC insulation)
- > No. 8146-2 with circular blade: 4-16 mm<sup>2</sup>/AWG 10-5
- > No. 8146-3 with V-blade: PTFE 0.1- 4 mm<sup>2</sup>/AWG 28-12 (for all insulations)
- > Flexible Leiter bis zu 10 mm<sup>2</sup>/AWG 8
- > Rigid wires up to 1.5 mm<sup>2</sup> / AWG 16

Code	No.	Designation	mm <sup>2</sup>	AWG	
<b>1830805</b>	8146	Stripping pliers incl. module insert 8146-1	0,02-10	34-8	0,18

<b>1830813</b>	8146-1	Module insert with flat blade	0,02-10	34-8	0,015
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<b>1830821</b>	8146-2	Module insert with round blade	4-16	10-5	0,016
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<b>1830848</b>	8146-3	Module insert with V-blade	0,1-4	28-12	0,016
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






**8139**  
Cable end-sleeve pliers



- > For the simple pressing of conductor end-sleeves as per DIN 46228
- > With a V-block for stripping and cutting soft wire

Code	No.	mm <sup>2</sup>	[- mm -]	[- "inch -]	
<b>6723510</b>	8139-155 TC	0,25-2,5	155	6	0,186

<b>6723780</b>	8139-220 TC	0,5-16	220	8.1/2	0,314
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<p><b>8141</b> Precision crimp wrench for conductor end-sleeves</p> 	<ul style="list-style-type: none"> <li>&gt; For right and left-handers</li> <li>&gt; Positive locking to ensure crimping completion</li> <li>&gt; Releasing mechanism to remove incorrect crimping and blockades</li> <li>&gt; Precision eccentric setting for constant crimp quality and calibrating function</li> </ul>	<table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>↳ mm</th> <th>↳ inch</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1830759</b></td> <td>8141</td> <td>0,5-6</td> <td>197</td> <td>7,75</td> <td>0,423</td> </tr> </tbody> </table>	Code	No.	mm <sup>2</sup>	↳ mm	↳ inch		<b>1830759</b>	8141	0,5-6	197	7,75	0,423						
Code	No.	mm <sup>2</sup>	↳ mm	↳ inch																
<b>1830759</b>	8141	0,5-6	197	7,75	0,423															
<p><b>8142</b> Precision crimp wrench for insulated terminals</p> 	<ul style="list-style-type: none"> <li>&gt; Reduction of hand force due to unique mechanism</li> <li>&gt; For right and left-handers</li> <li>&gt; Positive locking to ensure crimping completion</li> <li>&gt; Releasing mechanism to remove incorrect crimping and blockades</li> <li>&gt; Precision eccentric setting for constant crimp quality and calibrating function</li> </ul>	<table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>↳ mm</th> <th>↳ inch</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>1830767</b></td> <td>8142</td> <td>0,5-6</td> <td>255</td> <td>10,04</td> <td>0,626</td> </tr> </tbody> </table>	Code	No.	mm <sup>2</sup>	↳ mm	↳ inch		<b>1830767</b>	8142	0,5-6	255	10,04	0,626						
Code	No.	mm <sup>2</sup>	↳ mm	↳ inch																
<b>1830767</b>	8142	0,5-6	255	10,04	0,626															
<p><b>8152 - 8153</b> Crimp wrench for big terminals</p> 	<ul style="list-style-type: none"> <li>&gt; Ratchet mechanism developed for uniform, reliable crimping of non-insulated crimp lug terminals to conductors and to secure completed crimping cycles and positive locking</li> <li>&gt; Assymetrical press inserts for optimal termination</li> </ul>	<table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>AWG</th> <th>↳ mm</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>2010313</b></td> <td>8152</td> <td>4-25</td> <td>12-3</td> <td>300</td> <td>0,65</td> </tr> <tr> <td><b>2010321</b></td> <td>8153</td> <td>10-75</td> <td>7-2/0</td> <td>500</td> <td>2,8</td> </tr> </tbody> </table>	Code	No.	mm <sup>2</sup>	AWG	↳ mm		<b>2010313</b>	8152	4-25	12-3	300	0,65	<b>2010321</b>	8153	10-75	7-2/0	500	2,8
Code	No.	mm <sup>2</sup>	AWG	↳ mm																
<b>2010313</b>	8152	4-25	12-3	300	0,65															
<b>2010321</b>	8153	10-75	7-2/0	500	2,8															
<p><b>8155</b> Crimp wrench for insulated connector</p> 	<ul style="list-style-type: none"> <li>&gt; For red, blue and yellow insulated connectors, such as cable terminals, pin cable terminals, flat plugs, flat sockets, round plugs, round sockets, push connectors and parallel connectors</li> <li>&gt; Releasable positive locking</li> </ul>	<table border="1"> <thead> <tr> <th>Code</th> <th>No.</th> <th>mm<sup>2</sup></th> <th>AWG</th> <th>L</th> <th>B</th> <th></th> </tr> </thead> <tbody> <tr> <td><b>2836823</b></td> <td>8155</td> <td>0,5-6</td> <td>20-10</td> <td>220</td> <td>80</td> <td>0,552</td> </tr> </tbody> </table>	Code	No.	mm <sup>2</sup>	AWG	L	B		<b>2836823</b>	8155	0,5-6	20-10	220	80	0,552				
Code	No.	mm <sup>2</sup>	AWG	L	B															
<b>2836823</b>	8155	0,5-6	20-10	220	80	0,552														

Pliers

**8156**  
Crimp wrench  
for non-insulated  
contacts



- > For non-insulated contacts with open crimping sleeve, such as flat plugs F 2.8, F4.8, F6.3 and F 9.5
- > Releasable positive locking

Code	No.	mm <sup>2</sup>	AWG	L	B	
<b>2836831</b>	8156	0,25-6	24-10	220	80	0,55

**8157**  
Crimp wrench  
for terminals



- > For non-insulated contacts with closed crimping sleeve (W pressing) up to 16 mm<sup>2</sup> / AWG 6 and tubular cable lugs up to 10 mm<sup>2</sup> / AWG 6
- > Releasable positive locking

Code	No.	mm <sup>2</sup>	AWG	L	B	
<b>2836858</b>	8157	0,1-16	26-6	220	80	0,55

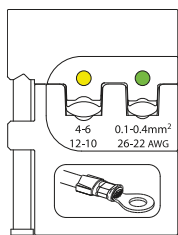
**8140**  
Crimp wrench  
modular



- > Professional ratchet crimping pliers for most types of mechanical, electrical and electronic connectors
- > A base frame (No. 8140) can be combined with all module inserts
- > Module inserts changeable without tools

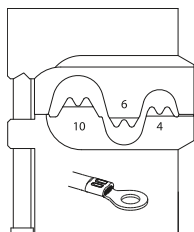
Code	No.	↳ mm	
<b>1830546</b>	8140	234	0,557

**8140-01/-02**  
Module insert for  
insulated terminals



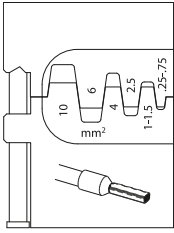
Code	No.	mm <sup>2</sup>	AWG	
<b>1830554</b>	8140-01	0,1-0,4 + 4-6	26-22 + 12-10	0,075
<b>1830562</b>	8140-02	0,5-1,5 + 1,5-2,5	22-16 + 16-14	0,068


**8140-03/-04/-05**  
Module insert  
for non-insulated  
terminals

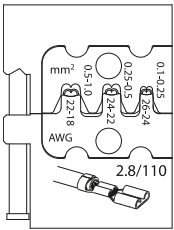



Code	No.	mm <sup>2</sup>	AWG	
<b>1830570</b>	8140-03	4-6-10	12-10-8	0,056
<b>1830589</b>	8140-04	0,75-1,5-2,5		0,076
<b>1830597</b>	8140-05	0,5-2,5 + 4-6	22-14 + 12-10	0,056

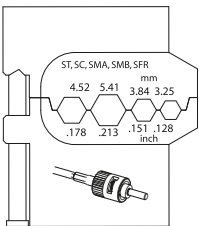


**8140-06/-07-08**Module insert  
for conductor  
end-sleeves

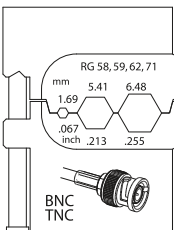
Code	No.	mm <sup>2</sup>	AWG	
<b>1830600</b>	8140-06	0,25-10		0,056
<b>1830619</b>	8140-07	16-25	6-4	0,056
<b>1830627</b>	8140-08	35-50	2-0	0,056


**8140-09/-10-11**Module insert  
for flat plugs

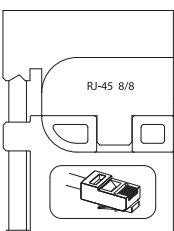
Code	No.	Connector type	mm <sup>2</sup>	AWG	
<b>1830635</b>	8140-09	2,8	0,1-1	26-18	0,072
<b>1830643</b>	8140-10	4,8	0,5-2,5	22-14	0,075
<b>1830651</b>	8140-11	6,3	0,5-6	22-10	0,08

**8140-12**Module insert  
for optical waveguides

Code	No.	∅	
<b>1830678</b>	8140-12	4,52 5,41 3,84 3,25 mm .178 .213 .151 .128in	0,085

**8140-14**Module insert  
for coax cables

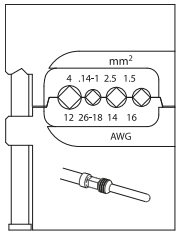
Code	No.	Connector type	∅	
<b>1830694</b>	8140-14	RG 58, 59, 62, 71	1,69 5,41 6,48 mm .067 .213 .255 in	0,08

**8140-16/-17**Module insert  
for modular plugs

Code	No.	Connector type	
<b>1830716</b>	8140-16	RJ-45, 8P/8C	0,05
<b>1830724</b>	8140-17	RJ-11, 6P/6C - 6P/4C - 6P/2C	0,05

Pliers

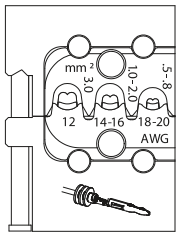
**8140-18**  
Module insert  
for heavy connectors



Code	No.	mm <sup>2</sup>	AWG	
<b>1830732</b>	8140-18	0,14-4	26-12	0,056

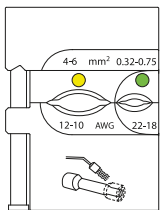
**8140-20**  
Module insert  
for lamellar contacts

> With seals 0.5 - 3.0 mm<sup>2</sup>



Code	No.	mm <sup>2</sup>	AWG	
<b>1963384</b>	8140-20	0,5-3,0	20-12	0,056

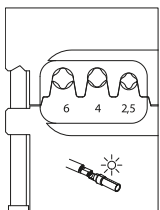
**8140-21/-22**  
Module insert  
for Dura Seal contacts



Code	No.	mm <sup>2</sup>	AWG	
<b>1963392</b>	8140-21	0,5-1,5/1,5-2,5	22-16/16-14	0,08
<b>1963406</b>	8140-22	0,32-0,75/4-6	22-18/12-10	0,08

**8140-23**  
Module insert

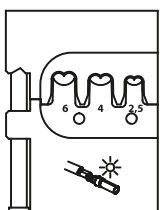
> Suitable for  
Tyco Solarlok®:  
2.5 - 4 - 6 mm<sup>2</sup>



Code	No.	mm <sup>2</sup>	
<b>2078082</b>	8140-23	2,5-4-6	0,086

**8140-24/-25**  
Module insert  
for Multi Contact

> Suitable for Multi  
Contact MC 3 / MC 4:  
2.5 - 4 - 6 mm<sup>2</sup>




Code	No.	Connector type	
<b>2078090</b>	8140-24	MC 3	0,056
<b>2078104</b>	8140-25	MC 4	0,07

### S 8140 A

Crimp-wrench-set  
Automotive  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools


Code	No.	Contents	Pieces	
<b>1830910</b>	S 8140 A	8140 8140-09 -05 -11	4	0,754

### S 8140 E

Crimp-wrench-set  
Electronic  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools


Code	No.	Contents	Pieces	
<b>1830899</b>	S 8140 E	8140 8140-01 -02 -05	4	0,76

### S 8140 J

Crimp-wrench-set  
Industrial  
4 pieces



- > Can be individually upgraded by purchasing additional module inserts
- > Module inserts changeable without tools

Code	No.	Contents	Pieces	
<b>1830929</b>	S 8140 J	8140 8140-02 -06 -18	4	0,752

### S 8140 PN

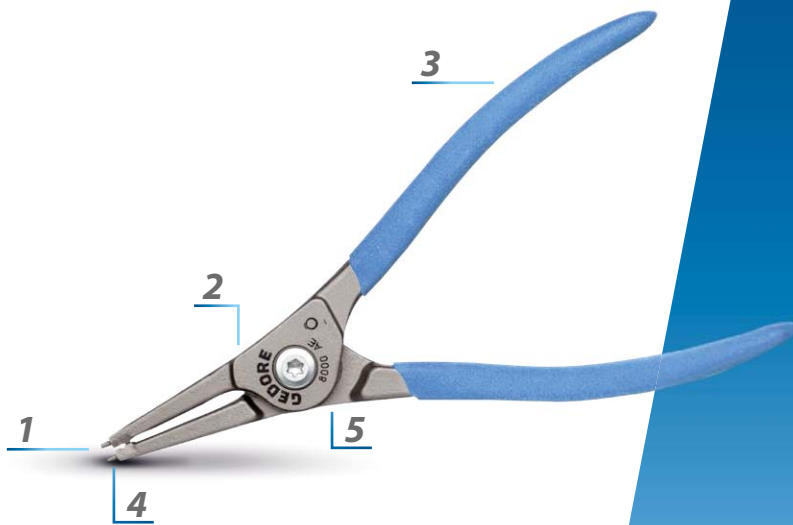
Crimp wrench-set  
STARTER  
In robust plastic case



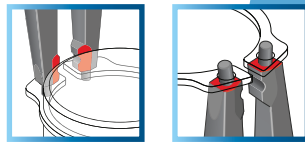
- > Crimping pliers No. 8140 without module inserts for individual assembly
- > In robust plastic case

Code	No.	Contents	Pieces	
<b>1963279</b>	S 8140 PN	8140	4	1,589

# CIRCLIP PLIERS



Available with blue dipped handle protection from 2021! Please contact us.



1

- Flattened tip mounting makes it easier to get at the safety ring eyelets
- Secure tip thanks to keyed press-fixing in the pliers head
- With no retaining groove in the tips, the safety ring cannot be inadvertently bent and it remains absolutely flat. In addition no weakening of the tips from a retaining groove (notching-induced rated breaking point).
- Large contact surface for the safety ring stops it becoming twisted

2

Precision, screwed joint. The screw ensures ease in re-adjusting the pliers legs.

3

Contoured anti-slip handles stop your hands from slipping

4

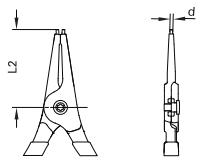
Wear-resistant and accurate! - The hardened and specially inserted tip is of high-grade roller bearing steel and absolutely cylindrical.

5

A secure internal spring makes work easier with circlip pliers

## 8000 AE 0 - AE 4

Circlip pliers for external retaining rings Form A

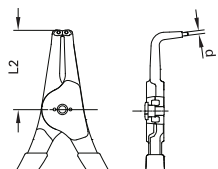


- > For retaining rings as per DIN 471, DIN 983
- > Straight jaws
- > Inside-positioned opening spring
- > Screwed joint connection

Code	No.	mm	inch	L	L2	d	kg
2930633	8000 AE 0	3-10	5/32-3/8	144	39	0,9	0,09
2930668	8000 AE 1	10-25	3/8-1	145	39	1,3	0,095
2923602	8000 AE 2	19-60	3/4-2.3/8	183	57	1,8	0,18
2930676	8000 AE 3	40-100	1.5/8-4	230	68	2,3	0,31
2930684	8000 AE 4	85-140	3.3/8-5.1/2	332	95	3,2	0,59

## 8000 AE 01 - AE 41

Circlip pliers for external retaining rings Form B



- > For retaining rings as per DIN 471, DIN 983
- > 90° angled jaws
- > Inside-positioned opening spring
- > Screwed joint connection

Code	No.	mm	inch	L	L2	d	kg
2930692	8000 AE 01	3-10	5/32-3/8	133	27	0,9	0,09
2930706	8000 AE 11	10-25	3/8-1	133	27	1,3	0,095
2930714	8000 AE 21	19-60	3/4-2.3/8	170	44	1,8	0,18
2930730	8000 AE 31	40-100	1.5/8-4	217	54	2,3	0,31
2930749	8000 AE 41	85-140	3.3/8-5.1/2	311	74	3,2	0,59

### S 8000 AE

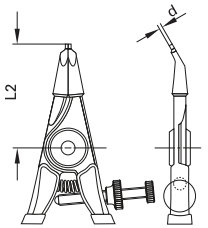
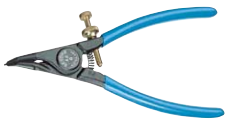
Set of circlip pliers  
4 pieces



Code	No.	Contents	Pieces	
<b>3041980</b>	S 8000 AE	8000 AE 1 11 2 21	4	0,63

### 8000 A 0G - A 2G

Circlip pliers for external retaining rings

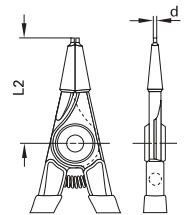


- > For shafts without groove
- > For self-locking Seeger grip rings and for self-locking Benzing clamping rings
- > A 0G - A 1G = 30° angled jaws
- > A 2G = straight tips
- > With opening spring and adjusting screw to limit opening

Code	No.			L	L2	d	
<b>6700140</b>	8000 A 0G	1,5-3,5	1,5-3,5	140	40	0,7	0,99
<b>6700220</b>	8000 A 1G	4,0-9,0	3,0-11,0	140	40	1,1	0,098
<b>6700300</b>	8000 A 2G	10,0-15,0	12,0-16,0	182	57	1,8	0,189

### 8000 A 0 - A 4

Circlip pliers for external retaining rings  
Form A

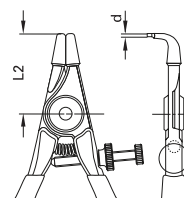


- > For retaining rings as per DIN 471, DIN 983
- > Straight jaws
- > With opening spring
- > With clamping protection

Code	No.			L	L2	d	
<b>6701380</b>	8000 A 0	3-10	5/32-3/8	141	40	0,9	0,096
<b>6701460</b>	8000 A 1	10-25	3/8-1	141	40	1,3	0,098
<b>6701540</b>	8000 A 2	19-60	3/4-2.3/8	182	52	0,186	0,186
<b>6701620</b>	8000 A 3	40-100	1.5/8-4	230	69	2,3	0,31
<b>6701700</b>	8000 A 4	85-140	3.3/8-5.1/2	320	85,5	3,2	0,555

### 8000 A 01G - A 21G

Circlip pliers for external retaining rings



- > For shafts without groove
- > For self-locking Seeger grip rings and for self-locking Benzing clamping rings
- > 90° angled jaws
- > With opening spring and adjusting screw to limit opening

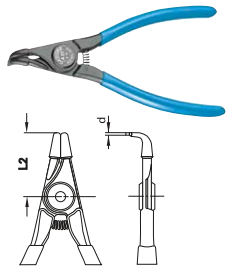
Code	No.			L	L2	d	
<b>6700650</b>	8000 A 01G	1,5-3,5	1,5-3,5	134	33	0,7	0,1
<b>6700730</b>	8000 A 11G	4,0-9,0	3,0-11,0	134	33	1,1	0,099
<b>6700810</b>	8000 A 21G	10,0-15,0	12,0-16,0	170	45	1,8	0,184



Pliers

**8000 A 01 - A 41**

Circlip pliers for external retaining rings  
Form B



- > For retaining rings as per DIN 471, DIN 983
- > 90° angled jaws
- > With opening spring
- > With clamping protection

Code	No.	mm	inch	L	L2	d	kg
6702270	8000 A 01	3-10	5/32-3/8	130	29	0,9	0,097
6702350	8000 A 11	10-25	3/8-1	130	29	1,3	0,097
6702430	8000 A 21	19-60	3/4-2.3/8	170	43	1,8	0,182
6702510	8000 A 31	40-100	1.5/8-4	210	53	2,3	0,317
6702780	8000 A 41	85-140	3.3/8-5.1/2	305	64	3,2	0,563

**8000 A 02 - A 42**

Circlip pliers for external retaining rings

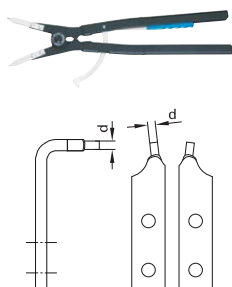


- > 45° angled jaws
- > With opening spring
- > With clamping protection

Code	No.	mm	inch	L	L2	d	kg
2015021	8000 A 02	3-10	5/32-3/8	139	38	0,9	0,097
2015048	8000 A 12	10-25	3/8-1	139	38	1,3	0,097
2015056	8000 A 22	19-60	3/4-2.3/8	179	51	1,8	0,182
2015064	8000 A 32	40-100	1.5/8-4	226	65	2,3	0,317
2015072	8000 A 42	85-140	3.3/8-5.1/2	315	80,5	3,2	0,568

**8000 A 4 - A 6**

Circlip pliers for external retaining rings



- > Straight tips
- > The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- > This ensures safe working even in hidden fitting positions
- > Non-crush type release-lever with handle recesses, blue dip-insulated

Code	No.	mm	inch	d	mm	kg
2011778	8000 A 4 EL	85-140	3.3/8-5.1/2	3,2	550	1,921
6701890	8000 A 5	122-300	4.13/16-11.7/8	3,5	550	1,921
6701970	8000 A 6	252-400	9.15/16-15.13/16	4,5	586	1,922

Code	No.	d	kg
2011670	E-8000 A 4 EL	3,2	0,072
5701840	E-8000 A 5	3,5	0,072
5701920	E-8000 A 6	4,5	0,112

**8000 A 41 - A 61**

Circlip pliers for external retaining rings



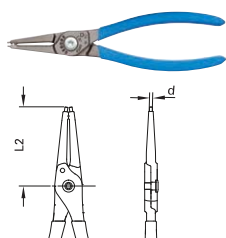
- > 90° angled jaws
- > With clamping protection
- > Reinforced safety arms

Code	No.	mm	inch	d	mm	kg
2011786	8000 A 41 EL	85-140	3.3/8-5.1/2	3,2	560	1,898
6702860	8000 A 51	122-300	4.13/16-11.7/8	3,5	560	1,898
6718430	8000 A 61	252-400	9.15/16-15.13/16	4,5	585	1,953

Code	No.	d	kg
2011697	E-8000 A 41 EL	3,2	0,072
5702810	E-8000 A 51	3,5	0,112
5701760	E-8000 A 61	4,5	0,14

**8000 JE 0 - JE 4**

Circlip pliers for internal retaining rings  
Form C

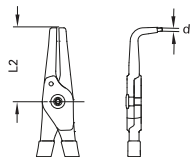


- > For retaining rings as per DIN 472, DIN 984
- > Straight jaws
- > Screwed joint connection

Code	No.	mm	inch	L	L2	d	kg
2930757	8000 JE 0	8-13	3/8-9/16	139	41	0,9	0,09
2930765	8000 JE 1	12-25	3/8-1	139	41	1,3	0,09
2930773	8000 JE 2	19-60	3/4-2.3/8	182	54	1,8	0,16
2930781	8000 JE 3	40-100	1.5/8-4	230	68	2,3	0,28
2930803	8000 JE 4	85-140	1.5/8-4	324	86	3,2	0,55

**8000 JE 01 - JE 41**

Circlip pliers for internal retaining rings  
Form D



- > For retaining rings as per DIN 472, DIN 984
- > 90° angled jaws
- > Screwed joint connection

Code	No.	mm	inch	L	L2	d	kg
<b>2930811</b>	8000 JE 01	8-13	3/8-9/16	129	30	0,9	0,09
<b>2930838</b>	8000 JE 11	12-25	3/8-1	129	30	1,3	0,09
<b>2930846</b>	8000 JE 21	19-60	3/4-2.3/8	170	43	1,8	0,16
<b>2930854</b>	8000 JE 31	40-100	1.5/8-4	217	53	2,3	0,28
<b>2930862</b>	8000 JE 41	85-140	3.3/8-5.1/2	310	70	3,2	0,55

**S 8000 JE**

Set of circlip pliers  
4 pieces



- > For internal retaining rings
- > With straight and 90° angled tips

Code	No.	Contents	Pieces	kg
<b>3041999</b>	S 8000 JE	8000 JE 1 11 2 21	4	0,58

**8000 J 0 - J 4**

Circlip pliers for internal retaining rings  
Form C

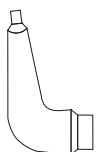


- > For retaining rings as per DIN 472, DIN 984
- > Straight jaws

Code	No.	mm	inch	L	L2	d	kg
<b>6703240</b>	8000 J 0	8-13	3/8-9/16	141	41	0,9	0,08
<b>6703320</b>	8000 J 1	12-25	3/8-1	141		1,3	0,081
<b>6703400</b>	8000 J 2	19-60	3/4-2.3/8	183	54	1,8	0,164
<b>6703590</b>	8000 J 3	40-100	1.5/8-4	230	68	2,3	0,281
<b>6703670</b>	8000 J 4	85-140	3.3/8-5.1/2	322	84,5	3,2	0,472

**8000 J 01 - J 41**

Circlip pliers for internal retaining rings  
Form D

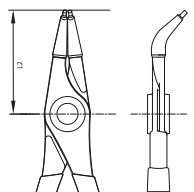


- > For retaining rings as per DIN 472, DIN 984
- > 90° angled jaws

Code	No.	mm	inch	L	L2	d	kg
<b>6704130</b>	8000 J 01	8-13	3/8-9/16	119	28	0,9	0,08
<b>6704210</b>	8000 J 11	12-25	3/8-1	129	28	1,3	0,082
<b>6704480</b>	8000 J 21	19-60	3/4-2.3/8	169	41	1,8	0,161
<b>6704560</b>	8000 J 31	40-100	1.5/8-4	214	50	2,3	0,279
<b>6704640</b>	8000 J 41	85-140	3.3/8-5.1/2	292	65	3,2	0,484

**8000 J 02 - J 42**

Circlip pliers for internal retaining rings



- > 45° angled jaws

Code	No.	mm	inch	L	L2	d	kg
<b>2014963</b>	8000 J 02	8-13	3/8-9/16	139	39	0,9	0,08
<b>2014971</b>	8000 J 12	12-25	3/8-1	139	39	1,3	0,08
<b>2014998</b>	8000 J 22	19-60	3/4-2.3/8	180	52	1,8	0,161
<b>2015005</b>	8000 J 32	40-100	1.5/8-4	226	64	2,3	0,279
<b>2015013</b>	8000 J 42	85-140	3.3/8-5.1/2	316	78,5	3,2	0,484

# i CIRCLIP PLIERS FOR INTERNAL RETAINING RINGS



1

3.2/3.5/4.5 mm tip diameters available for 85 to 400 mm rings. Models for internal and external retaining rings

2

Release lever for controlled slackening of the tension

3

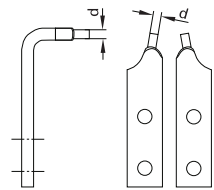
Ratcheting mechanism for easing the work of the user when fitting the retaining rings

- Straight tips
- Black, tips and lock lever zinc-plated
- The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- This ensures safe working even in hidden fitting positions

- Locking pin can be replaced
- Non-crush type release-lever with handle recesses, blue dip-insulated
- Precision machined, oil hardened and annealed
- E-8000 J = pair of spare tips

## 8000 J 4 - J 6

Circlip pliers for internal retaining rings

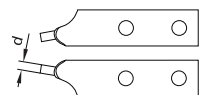


- > Straight tips
- > Black, tips and lock lever zinc-plated
- > The toothed bracket stops the pliers legs from straddling beyond the permitted working area
- > This ensures safe working even in hidden fitting positions
- > Locking pin can be replaced
- > Non-crush type release-lever with handle recesses, blue dip-insulated
- > Precision machined, oil hardened and annealed
- > Pair of replacement tips available

Code	No.	mm	inch	d	mm	kg
2011794	8000 J 4 EL	85-140	3.3/8-5.1/2	3,2	565	1,835
6703750	8000 J 5	122-300	4.13/16-11.7/8	3,5	565	1,836
6703830	8000 J 6	252-400	9.15/16-15.13/16	4,5	575	1,846

## E-8000 J 4 - J 6

Spare tips (pair)



Code	No.	d	kg
2011700	E-8000 J 4 EL	3,2	0,072
5703700	E-8000 J 5	3,5	0,072
5703890	E-8000 J 6	4,5	0,082

**8000 J 41 - J 61**

Circlip pliers for internal retaining rings



- > 90° angled jaws
- > With clamping protection
- > Reinforced safety arms

Code	No.	mm	inch	d	mm	kg
2011808	8000 J 41 EL	85-140	3.3/8-5.1/2	3,2	575	1,953
6704720	8000 J 51	122-300	4.13/16-11.7/8	3,5	575	1,953
6718510	8000 J 61	252-400	9.15/16-15.13/16	4,5	579	1,934

Code	No.	d	kg
5702730	E-8000 J 61	4,5	0,116
5704780	E-8000 J 51	3,5	0,116
2011719	E-8000 J 41 EL	3,2	0,072

## i PLIERS FOR EXTERNAL RETAINING RINGS

**1**

For holes from 4.5 to 5.9 mm and rings from 305 to 500 mm

**2**

Paralleled jaws for the greatest possible safety and torsion-free clamping

**3**

Release lever for controlled slackening of the tension

**4**

Ratcheting mechanism for easing the work of the user when clamping the retaining rings

- For shafts
- Supplied with four different clamping tips
- The circlip is securely clamped before removal by choosing a suitable distance between the clamping tips.

This means that unnecessary plier movement is avoided, and the circlip may be opened completely. The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly.

**8005 A**

Circlip pliers for external retaining rings



- > For shafts
- > Includes 4 different tips (detailed instructions are included with the pliers)
- > By using a suitably wide pairing of the pick-up tips, the ring is securely fixed before the actual tong stroke. This prevents unnecessary idle stroke and the ring can be opened completely.

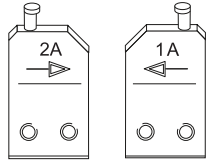
- > The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly

Code	No.	mm	mm	mm	kg
6707150	8005 A	305-500	5,9	665	3,52

Pliers

E-8005 A

Tips for external retaining rings (per piece)



- > The spacing of holes for non-tensioned circlips is normally between 20 mm and 50 mm
- > The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip

Code	No.	
5700790	E 8005 1 A	0,068
5702220	E 8005 2 A	0,068
5702300	E 8005 3 A	0,068
5702490	E 8005 4 A	0,068

8005 J

Circlip pliers for internal retaining rings



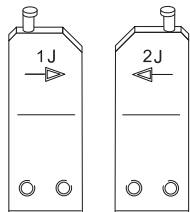
- > For holes
- > Includes 6 different tips (detailed instructions are included with the pliers)
- > By using a suitably wide pairing of the pick-up tips, the ring is securely fixed before the actual tong stroke. This prevents unnecessary idle stroke and the ring can be opened completely.

- > The special parallel movement of the clamping tips and their recesses in the direction of the pressure applied ensure that the circlip will be clamped firmly

Code	No.	mm	mm	mm	
6707230	8005 J	305-500	5,9	705	3,885

E-8005 J

Tips for internal retaining rings



- > The spacing of holes for non-tensioned circlips is normally between 80 mm and 140 mm
- > The tips used to spread the rings are fitted to match the opening width of the non-tensioned circlip

Code	No.	
5703380	E 8005 1 J	0,116
5703460	E 8005 2 J	0,116
5704190	E 8005 3 J	0,116
5703540	E 8005 4 J	0,113
5703620	E 8005 5 J	0,116
5703970	E 8005 6 J	0,116

8007

V-GRIP mounting pliers



- > Universal circlip pliers for risk-free gripping and fitting of internal and external circlips (DIN 471/472) from 305 to 1000 mm diameter
- > Round thread spindle enables fatigue-free and safe clamping
- > Maintenance-free (no lubrication necessary) and dirt insensitive spindle due to PVD coating
- > No twisting of the retaining rings due to accurately fitting tips
- > Haltegriff abnehmbar

- > 3/8" square for attaching a 3/8" ratchet (e.g. 3093 Z) or for using a screwdriver bit No. IN 30 8
- > The precisely fitting tips reliably prevent the retaining rings from slipping
- > No conversion from internal to external retaining rings necessary
- > Easy and quick adjustment of the opening width due to clearly visible scale

Code	No.	mm	mm	mm	
3084493	8007 V-GRIP	305 - 1000	5,9	120	2,65

## E-8007V

Insert tip



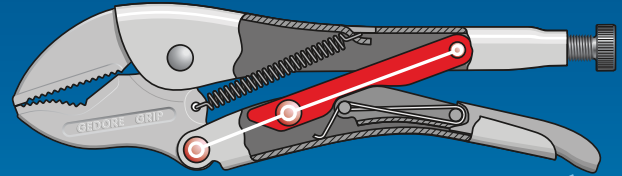
Code	No.	
3084779	E-8007V-6	0,008
3084795	E-8007V-9	0,014

## i THE TOGGLE LEVER

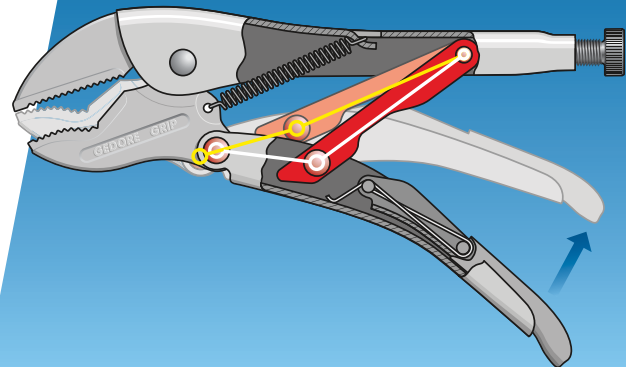
### A giant among the joints

- Similar in construction to the human leg and consisting of hip, knee and ankle joints
- The knee joint's intelligent power management is its unbeatable advantage:
- Clever utilization of the physical lever laws \*)
- Rapid and powerful even with a reduced operating force
- Ideal for optimum pressure and clamping operations
- Maximum pressing/clamping force with knee lever extended – even with automatic locking effect i.e. self-clamping effect (e.g. with grip pliers) relieved by operating the releasing lever
- Constant high quality of work

\*) Considerable paths are rapidly bridged involving little hand power. Just before "stretching", a short path is covered with an exceptional lever force. That is why it is used everywhere where considerable paths need to be initially covered without any noticeable force used and where the real "work" needs to be done over the last few millimetres. This is the case, for instance, with bolt cutters and crimping/grip pliers.



Self-clamping effect – can only be cancelled by operating the releasing lever!






## 137

Grip wrench



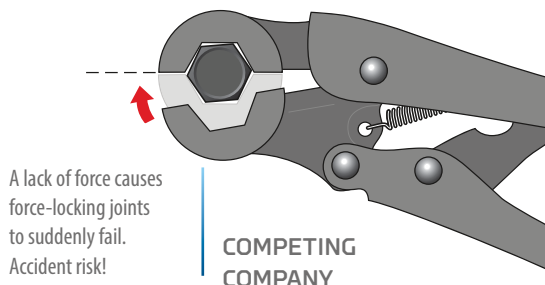
- > With adjusting screw and release lever, model 137 KR-10 with blue dip-insulated lever
- > Automatically welded upper jaw - absolutely firm connection with the steel sheet body
- > Sophisticated jaw shape guarantees three-point support for any material cross section
- > No widening under most extreme loading
- > Release lever under constant pressure of special spring

Code	No.	◀ mm ▶	◀ "inch ▶	mm 	"inch 	
6406620	137 7	185	7"	25	1	0,288
6406700	137 10	230	10"	32	1.1/4	0,526
6407270	137 11	260	11"	45	1.3/4	0,79
6406890	137 12	300	12	45	1.3/4	1,042

# i GRIP WRENCH

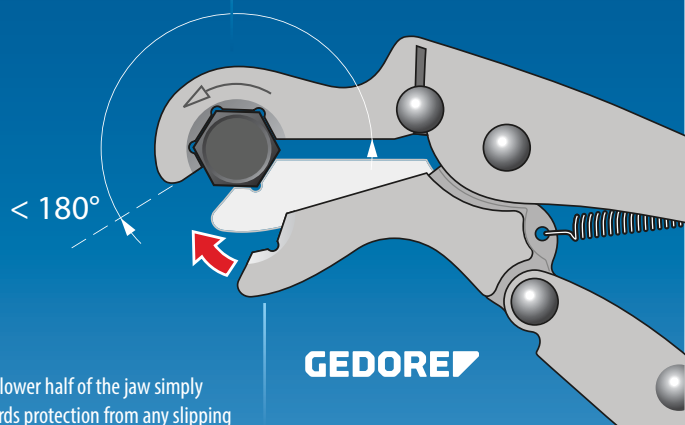
The difference comes from the special profile and shape.

Positive fit joint to the screw/nut is down to the special design of the plier jaw\*



\* Positive fit joints are not suddenly released. They need, in fact, to change their geometric form; a visible change in form quasi announces their failure.

The upper jaw section covers more than half of the screw head/ nut. This produces a positive fit between grip wrench and screw/ nut.



The lower half of the jaw simply affords protection from any slipping from the screw/nut. The actual torque is transferred in the upper, positive locking zone.

CENTRAL HEXAGONAL PITCH FRICTION-LOCKED

OFF-CENTRE HEXAGONAL PITCH FORMSHAPE

## 137 Grip wrench



- > For worn screw connections which otherwise would be difficult to open
- > Especially suitable for brake lines, track rod adjustment, etc.

Code	No.	Ø mm	Ø "AF	l mm	kg
2325314	137 7-10	10		190	0,324
2325322	137 7-11	11	7/16	190	0,321
2325330	137 7-12	12		195	0,329
2325349	137 7-13	13		195	0,326
2325357	137 7-14	14		198	0,343
2325365	137 7-15	15	19/32	198	0,346
2325373	137 10-16	16	5/8	250	0,591
2325381	137 10-17	17		250	0,587
2325403	137 10-18	18		255	0,607
2325411	137 10-19	19	3/4	255	0,6
2325438	137 10-20	20	25/32	258	0,623
2325446	137 10-21	21		258	0,62
2325454	137 10-22	22		260	0,63
2788349	137 10-24	24		253	0,642
2788357	137 10-27	27		258	0,645

### 139

Special grip wrench



- > With movable lower jaw for clamping over a large area

Code	No.	mm	inch	mm	inch	kg
<b>6407940</b>	139	250	10	45	1.3/4	0,577

### 137 KR

Grip wrench, long jaws



- > With narrow jaws
- > For clamping air and brake lines up to Ø 10 mm, copper lines Ø 12 mm

Code	No.	mm	kg
<b>1954113</b>	137 KR-7	210	0,292
<b>1868039</b>	137 KR-10	255	0,54

### 137 P

Parallel jaw grip wrench



- > Hot forged, hardened and tempered parallel jaws
- > Opening: 50 mm
- > With adjusting screw
- > Release lever under constant pressure of special spring

Code	No.	mm	inch	mm	inch	kg
<b>6407000</b>	137 P	250	10	50	2	0,701

### 137 MSP

Machine workbench clamp



- > For fast, secure clamping of a variety of workpieces
- > Suitable for sliding blocks with M8, M10, M12 thread
- > Tenon block not included

Code	No.	mm	inch	mm	inch	kg
<b>6408080</b>	137 MSP	280	11	100	4	0,79

### 136 BM

Wide jaw grip wrench



- > For clamping edges and surfaces
- > 80 mm Mouth width

Code	No.	mm	inch	mm	inch	kg
<b>6406030</b>	136 BM	200	8	30	1.1/4	0,416

### 137 T

Grip wrench for glueing



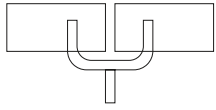
- > For clamping length wise or corner joints of extremely long bases and surrounds, lintels, banisters and frames, arched windows, worktops, corner benches, etc.

Code	No.	mm	inch	mm	inch	kg
<b>6403600</b>	137T	220	9	60	2.1/2	0,494



Pliers

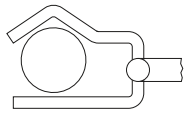
**138**  
Welder's grip wrench



- > For clamping strips and profile sections when welding

Code	No.	mm	inch	mm	kg
<b>6407350</b>	138	280	11	90	0,96

**138 X**  
Welder's grip wrench for tubes



- > For clamping tubes and round stock when welding
- > Cast steel jaws

Code	No.	mm	inch	mm	inch	kg
<b>6407510</b>	138 X	280	11	90	3.1/2	0,967

**138 Y**  
Profile-section grip wrench



- > For clamping bulky profile and angle sections
- > Strong forged jaws

Code	No.	mm	inch	mm	inch	mm	inch	kg
<b>6407860</b>	138 Y	280	11	95	3.3/4	75	3	0,763

**138 Z**  
Profile-section grip wrench



- > For clamping extremely bulky profile sections
- > Particularly large clamping depth

Code	No.	mm	inch	mm	inch	mm	inch	kg
<b>6410730</b>	138 Z-460	460	18	280	11	250	10	1,164
<b>6410810</b>	138 Z-600	600	24	400	16	400	16	1,428

**136 K**  
Chain grip wrench



- > Especially suitable for clamping geometrically difficult cross-sections
- > With No. 136 K-105 the legs of various pullers - following locking - can be spanned with the chain at the component to be extracted and tightened. This stops the legs bending outwards and slipping. Pulling is still possible even if the legs have a very restricted contact surface.

Code	No.	max. Ø	mm	kg
<b>2307227</b>	136 K-105	330	1.050	1,5

## **i** ECK-SCHWEDE-SNAP® - THE SWEDISH

Tried and tested bestseller with a powerful grip for more than 50 years

**1**

The special, supplementary flame hardening of the teeth increases and improves the grip and durability of the snap®

**2**

Force is always applied by snap® simultaneously at three points, ensuring a secure grip with low hand pressure

**3**

Hook and leg made from drop-forged GEDORE special chrome-vanadium steel, hardened and tempered

**4**

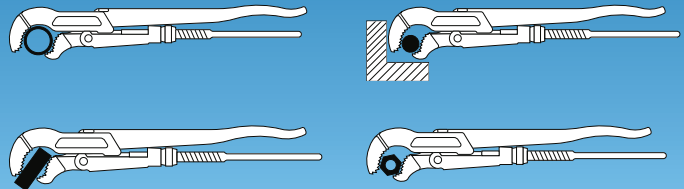
The mouth of the jaw opening is always narrower than the pipe diameter, reliably preventing the workpiece from slipping out. Securely grips pipes and screw couplings

**5**

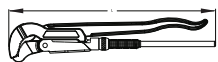
Stove enamelling guarantees long-life protection

### WORKING PRINCIPLE

- The jaw form of the snap® reliably prevents the workpiece slipping out, and ensures maximum freedom of movement in confined spaces
- The curvature of the jaws adapts ideally to different profiles, enabling the snap® to grip hexagonal nuts - gently and securely

**100**

Elbow pipe wrench  
ECK-SCHWEDE-snap® -  
the Swedish

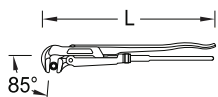


- › Acc. to DIN 5234 Form C
- › High-performance three-point pipe wrench
- › Especially suitable for work in confined spaces
- › Drop-forged
- › Self-gripping by teeth offset against direction of rotation

Code	No.	Size	mm	L	
<b>4500140</b>	100 1	1	48	320	0,8
<b>4500220</b>	100 1.1/2	1.1/2	60	420	1,4
<b>4500300</b>	100 2	2	80	550	2,24
<b>4500490</b>	100 3	3	110	630	3,58

**175**

Pipe wrench  
Swedish pattern

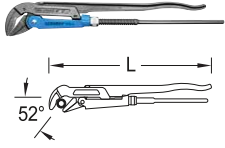


- › Acc. to DIN 5234 Form A
- › Particularly solid design for high loads
- › Head angled 85°
- › Drop-forged
- › Self-gripping by teeth offset against direction of rotation

Code	No.	Size	mm	L	
<b>6437340</b>	175 1	1	44	280	0,695
<b>6437420</b>	175 1.1/2	1.1/2	62	430	1,47
<b>6437500</b>	175 2	2	76	580	2,55
<b>6437690</b>	175 3	3	105	670	3,78
<b>6437770</b>	175 4	4	130	760	5,635

Pliers

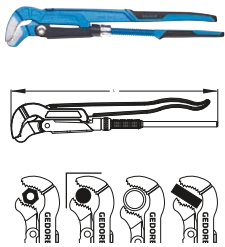
**176**  
Elbow pipe wrench  
ECK-SCHWEDE®



- > Acc. to DIN 5234 Form B
- > Especially suitable for work in confined spaces
- > With narrow head, multi-grip jaw pattern, angled 52°
- > Drop-forged
- > Self-gripping by teeth offset against direction of rotation

Code	No.	Size	mm	L	kg
<b>6438150</b>	176 1	1	44	320	0,775
<b>6438230</b>	176 1.1/2	1.1/2	62	430	1,405
<b>6438310</b>	176 2	2	76	580	2,57

**9100 2K**  
Elbow pipe wrench



- > Acc. to DIN 5234 Form C
- > Especially suitable for work in confined spaces
- > Drop-forged
- > Self-gripping by teeth offset against direction of rotation
- > Particularly slip-proof due to non-slip surfaces, in sizes 1" and 1.1/2" with 2-component handles

Code	No.	Size	2C-handle	mm	L	kg
<b>2530260</b>	9100 2K 1	1	X	48	320	0,8
<b>2530279</b>	9100 2K 1.1/2	1.1/2	X	60	420	1,4
<b>2530287</b>	9100 2K 2	2		80	550	2,2

**E-100 / E-175 / E-9100**  
Spare parts



- > A = roller / spare nut
- > B = Circlip

Code	No.	No. 100	No. 175	No. 176	No. 9100	kg
<b>1682938</b>	E-100 A 1	1		1		0,03
<b>1737597</b>	E-100 A 1.1/2	1.1/2		1.1/2		0,04
<b>1628984</b>	E-100 A 2	2 + 3		2		0,07
<b>5436240</b>	E-100 B 1/2	1/2	3/4 + 1	3/4	1/2	0,001
<b>5436400</b>	E-100 B 1	1	1.1/2	1	1	0,002
<b>5436590</b>	E-100 B 1.1/2	1.1/2	2	1.1/2	1.1/2	0,001
<b>5436670</b>	E-100 B 2	2 + 3	3 + 4	2 + 3	2 + 3	0,02
<b>5435190</b>	E-175 A 1		1			0,03
<b>5435270</b>	E-175 A 1.1/2		1.1/2			0,04
<b>5435350</b>	E-175 A 2		2			0,07
<b>5435430</b>	E-175 A 3		3	3		0,07
<b>1391607</b>	E-175 A 4		4			0,08
<b>2601281</b>	E-9100 A 1.1/2				1.1/2	0,012
<b>2601311</b>	E-9100 A 2				2 + 3	0,025

**225**  
Pipe wrench

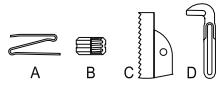


- > Stillson Type
- > Self-gripping by teeth offset against direction of rotation

Code	No.	mm	inch	mm	inch	inch	kg
<b>2964813</b>	225 10	250	10	33,5	1.3/8	1	0,48
<b>2964821</b>	225 12	300	12	42	1.3/4	1.1/4	0,68
<b>2964848</b>	225 14	350	14	48	1.7/8	1.1/2	0,94
<b>2964856</b>	225 18	450	18	60	2.3/8	2	1,55
<b>2964864</b>	225 24	600	24	75,5	3	2.1/2	2,48
<b>2964872</b>	225 36	900	36	102	4	3.1/2	4,82

## 227

Pipe wrench  
American pattern

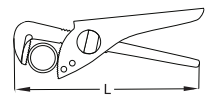


- > Extra heavy type
- > Tothing offset against the direction of rotation and inductively hardened

Code	No.	mm	inch	mm	inch	inch	inch	
6453030	227 8	190	8	38	1.1/2	1		0,44
6453110	227 10	245	10	48	1.7/8	1.1/2		0,85
6453460	227 14	325	14	60	2.3/8	2		1,751
6453540	227 18	415	18	76	3	2.1/2		2,701
6453620	227 24	560	24	89	3.1/2	3		4,28

## 152

High-speed pipe wrench  
with screw adjuster



- > With forged components
- > Quick and easy setting with screw adjuster - single-hand adjustment
- > Gripping faces selfinhibiting

Code	No.	L	L"	mm	inch	Pipes	Sockets	
6419360	152 9	228	9	42	1.5/8	1.1/4	1	0,531
6419440	152 11	281	11	61	2.3/8	2	1.3/4	0,851
6419520	152 12	315	12	74	3	2.1/2	2	1,038
6419600	152 14	360	14	90	3.9/16	3	-	1,656

## 183

Plier wrench



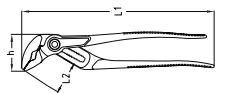
- > One tool that works like a spanner and pliers
- > Careful assembly of bolt connections with delicate surfaces (e.g. chrome-plated fittings)
- > Perfect for bending, holding, pressing and gripping a wide range of workpieces
- > Sliding mechanism and paralleled jaws for quick and easy adjustment, variable

- > Safe locking of the setting when the size of the opening is selected
- > Sliding mechanism may be activated from almost any setting
- > Can be used as a powerful vice when on the move

Code	No.	Size [Inch]	mm	mm	
3066029	183 7TC	7	180	42	0,265
3066061	183 10 JC	10	250	52	0,575
3066037	183 10 TC	10	250	52	0,53

## 142

Universal pliers

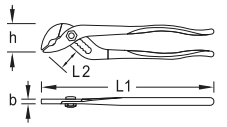


- > Acc. to DIN ISO 8976 Form C
- > With box joint and clamping protection
- > Fine adjustment by push button
- > Push-button one-hand adjustment with large actuating surface
- > Narrow pliers head for hard-to-reach places
- > Long pliers jaws
- > Offset gripping surfaces, self-clamping on nuts and tubes

Code	No.	L	L2	b	h	mm	
2668211	142 7 TL	180	32	6,5	40,0	37	0,183
2668238	142 7 C	180	32	6,5	40,0	37	0,173
6416340	142 10 JC	260	39	7,5	48,0	38	0,417
6416260	142 10 C	255	39	7,5	48,0	38	0,38
6416180	142 10 TL	255	39	7,5	48,0	38	0,371
1995553	142 12 C	300	43	8,5	55,0	44	0,53
1995413	142 12 TL	309	43	8,5	55,0	44	0,55

## Pliers

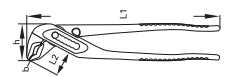
### 145 Water-pump-pliers



- > Acc. to DIN ISO 8976 Form A
- > Lay-on slip joint and toothed recess
- > Induction-hardened serrated faces, with protection against blocking
- > Clamps automatically on pipes and nuts

Code	No.	L	L2	b	h	mm	
<b>6412000</b>	145 10 C	250	41	7,8	47,0	39	0,365
<b>6415610</b>	145 10 JC	260	41	7,8	47,0	39	0,425

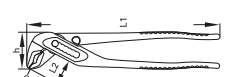
### 146 Universal pliers 7 settings



- > Acc. to DIN ISO 8976 Form C
- > With safety box joint and protection against blocking
- > Automatic clamping with offset gripping surfaces

Code	No.	L	L2	b	h	mm	
<b>6413240</b>	146 10 C	250	32,5	4,8	48,0	31	0,335
<b>2672626</b>	146 10 JC	250	32,5	4,8	48,0	31	0,4

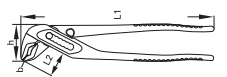
### 146 B Special water pump pliers 5 settings



- > Acc. to DIN ISO 8976 Form C
- > With fast adjustment and tooth-lock box joint and toothed aperture
- > Absolutely safe - no slipping out of adjustment during work
- > With clamping protection

Code	No.	L	L2	b	h	mm	
<b>6412510</b>	146 B 10	250	45	8,0	55,0	50	0,485

### 9144 Water-pump-pliers



- > Acc. to DIN ISO 8976
- > With box joint

Code	No.	L	L2	b	h	mm	
<b>4533230</b>	914417	175	28	7,0	33,0	26	0,15
<b>4533310</b>	914424	240	35	7,5	40,0	33	0,29
<b>4533580</b>	914430	300	40	9,0	60,0	45	0,48

### 120 Chain pipe wrench BOSS



- > Ideal for use in hard to reach places
- > Ratchet-type operation
- > Particularly slip-proof due to plastic handle

Code	No.	Size	∅ mm	↳ mm	
<b>4502350</b>	120000	3/8-4	17-114	355	0,84

### E 120 Spare chain BOSS



Code	No.	↳ mm	
<b>4535280</b>	120200	450	0,32

### 122

Chain pipe wrench  
American pattern



- > High performance due to maximum-possible lever action
- > With hardened, double-sided toothed, interchangeable jaws

Code	No.	Size	$\varnothing$ mm	↳ inch	↳ mm	
4535360	122002	1/8-2	10-60	20	510	2,5
4535440	122003	1/4-3	13-89	28	710	4
4502430	122004	3/4-4	27-114	37	940	6,6
4502510	122006	1-6	33-168	43	1.090	9,1
4548340	122008	1.1/2-8	48-219	50	1.275	13
4548420	122012	2-12	60-324	63	1.600	22,1

### E 122

Spare chain



Code	No.	Size	↳ mm	
4548500	122202	1/8-2	380	0,725
4548690	122203	1/4-3	490	0,950
4548770	122204	3/4-4	610	1,41
4548850	122206	1-6	850	2,2
4548930	122208	1.1/2-8	1.080	3,3
4549070	122212	2-12	1.450	5,74

### E 122

Spare jaw (Pair)



Code	No.	Size	
4549150	122302	1/8-2	0,34
4549230	122303	1/4-3	1,03
4549310	122304	3/4-4	1,52
4549580	122306	1-6	2,1
4549660	122308	1.1/2-8	2,64
4549740	122312	2-12	4,45

### 8385

Wire twisting pliers



- > For twisting and cutting safty wires
- > 45° bevelled
- > Extra narrow head shape
- > Twists wires from 0.5 to 1.6 mm  $\varnothing$
- > Clockwise or counterclockwise twisting, adjustable by turning handle
- > Automatic spring return after the whirling cycle

Code	No.	↳ inch	↳ mm	
1979957	8385	9	229	0,4

### 304

Seaming pliers  
straight



- > Straight pattern

Code	No.	mm	↳ mm	
4508550	304060	60	265	0,59

### 305

Seaming pliers  
bent pattern



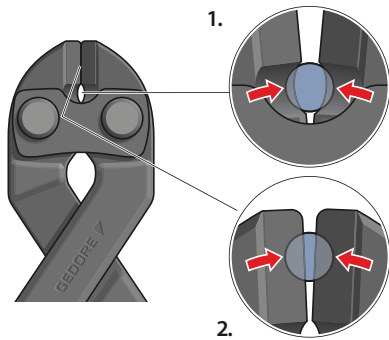
- > 45° angled

Code	No.	mm	↳ mm	
4508630	305060	60	265	0,63

# BOLT CUTTERS

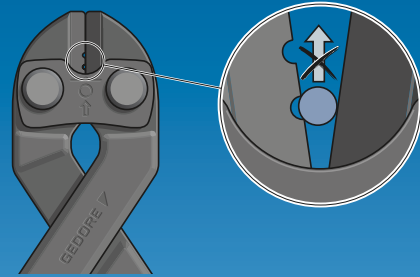
## 8340

- With a cut soft, medium-hard or hard wires up to 4 mm Ø are separated
- The gliding ahead of the cutting material is prevented by two one-sided micro-grooves and thus is always stays in optimal cutting position

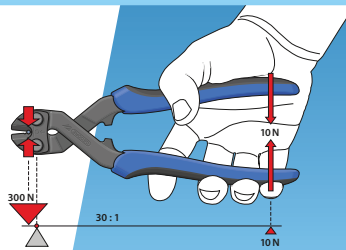


## 8340

- With two cuts soft, medium-hard or hard wires from 4 to 6 mm Ø are separated
- The extra cutting edge (1) serves as first cut for thick bolts and engraves them deeply
- In the second step, the main cutting edge (2) cuts through the bolt completely



- Compact power bolt cutter with a particularly effective cutting performance
- Optimum lever action requires less effort
- Wear-free rotating/thrust block bolt to reduce sliding friction when cutting
- Force optimised, joint-near cutting is guaranteed



- The effective force multiplication ratio of 1:30 results of the joint-near use of the cutting edge
- Here the lever ratio of hand to cutting force is optimal
- A gliding ahead from this cutting position is prevented by the micro-grooves resp. the additional cutting edge

## 8340

Bolt cutter



- > Cutting edges additionally inductively hardened (63 - 65 HRC)
- > The gliding ahead of the cutting material is prevented by two one-sided micro-grooves and thus is always stays in optimal cutting position
- > Precision cutting edges for soft wire up to Ø 6.0 mm, hard and piano wire up to Ø 3.8 mm

Code	No.	↳ mm ↲	
2541300	8340-200 JL	200	0,389
2541289	8340-200 TL	200	0,338

## 8340 Z

Bolt cutter



- > Cutting edges additionally inductively hardened (63 - 65 HRC)
- > Double-sided milling with additional cutting edge, in the area close to the joint, guarantees best leverage for large wire diameters
- > The additional cutting edge serves as a pre-cutter for

- thick bolts and notches them very deeply
- > In the second step, the main cutting edge cuts through the bolt completely
- > Precision cutting edges for soft wire up to Ø 6.0 mm, hard wire up to Ø 5.5 mm and piano wire up to Ø 3.8 mm

Code	No.	↳ mm ↲	
2666324	8340 Z-200 JL	200	0,389
2666316	8340 Z-200 TL	200	0,338

### 8178

Bolt cutter



- > Double cam bolt adjustment
- > Cutting head replaceable
- > Max. cutting performance 49 HRC
- > 48 HRC  $\approx$  1590 N / mm<sup>2</sup> Tensile strength

Code	No.	● mm	◀ mm ▶	◀ inch ▶	kg
2675137	8178 460	5,0	460	18	1,68
2675145	8178 620	7,0	620	24	2,46
2675153	8178 780	8,0	780	30	4,7
2675161	8178 900	9,0	900	36	5

### E-8178

Spare cutting head



Code	No.	kg
2675196	E-8178 460	0,44
2675218	E-8178 620	0,8
2675226	E-8178 780	1,46
2675234	E-8178 900	1,47

### 8179

Concrete mesh and bolt cutter



- > Double cam bolt adjustment
- > Cutting head replaceable
- > Max. cutting performance in round stock 40 HRC, 9 mm or 2 x 8 mm
- > 40 HRC  $\approx$  1290 N / mm<sup>2</sup> Tensile strength

Code	No.	● mm	◀ mm ▶	kg
2675188	8179 900	9 / 2x8	900	3,5

### E-8179

Spare cutting head



Code	No.	kg
2675242	E-8179 900	0,98

### S 8003 TL

Pliers set  
3 pieces



- > Practical set composition

Code	No.	Contents	Pieces	kg
6755470	S 8003 TL	Flat nose pliers No. 8132-160 TL, 160 mm, immersion-insulated Power combination pliers No. 8250-180 TL, 180 mm, immersion insulated Power side cutters No. 8316-160 TL, 160 mm, dip-insulated	3	0,642

### 230

Blacksmith's tongs



- > With flat mouth

Code	No.	◀ mm ▶	for workpieces	kg
8842510	230-300	300	6 mm	0,5
8842780	230-400	400	8 mm	0,86
8842860	230-500	500	10 mm	1,24
8842940	230-600	600	14 mm	1,71



Pliers

**231**  
Blacksmith's tongs  
mit rundem Maul



Code	No.	↳ mm ↲	for workpieces	
<b>8843590</b>	231-400	400	12 mm	0,87
<b>8843670</b>	231-500	500	16 mm	1,22

**233**  
Blacksmith's tongs  
with wolf's jaw



Code	No.	↳ mm ↲	for workpieces	
<b>8845100</b>	233-300	300	6 mm	0,61
<b>8845290</b>	233-400	400	8 - 10 mm	0,93
<b>8845370</b>	233-500	500	12 mm	1,32

**S 8003 JC**  
Pliers set  
3 pieces



> Practical set composition

Code	No.	Contents	Pieces	
<b>6701110</b>	S 8003 JC	Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle Power side cutter No. 8316-160 JC, 160 mm, 2-component handle	3	0,766

**S 8200 JC**  
Pliers set  
4 pieces



> Practical set composition

Code	No.	Contents	Pieces	
<b>6730800</b>	S 8200 JC	Wire stripper No. 8098-160 JC, 160 mm, 2-component handle Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle Side cutter No. 8314-160 JC, 160 mm, 2-component handle	4	0,927

**S 8303 JC**  
Pliers set  
3 pieces



> Practical set composition

Code	No.	Contents	Pieces	
<b>6703160</b>	S 8303 JC	Universal pliers No. 142 10 JC, 10", 15-way adjustable, 2-component handle Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle Power side cutter No. 8316-160 JC, 160 mm, 2-component handle	3	1,005

**S 8303 TL**  
Pliers set  
3 pieces



> Practical set composition

Code	No.	Contents	Pieces	
<b>6703910</b>	S 8303 TL	Universal pliers No. 142 10 TL, 10", 15-way adjustable, dip-insulated Power combination pliers No. 8250-180 TL, 180 mm, immersion insulated Power side cutter No. 8316-160 TL, 160 mm, dip-insulated	3	0,88

## 1101-002

Pliers set  
6 pieces

- > Practical set composition in sturdy plastic case
- > In GEDORE i-BOXX® 72 No. 1101 L

Code	No.	Contents	Pieces	
1708155	1101-002	Wire stripper No. 8098-160 JC, 160 mm, 2-component handle Flat nose pliers No. 8120-160 JC, 160 mm, 2-component handle Round nose pliers No. 8122-160 JC, 160 mm, 2-component handle Flat nose pliers No. 8132-160 JC, 160 mm, 2-component handle Power combination pliers No. 8250-180 JC, 180 mm, 2-component handle Power side cutter No. 8316-180 JC, 180 mm, 2-component handle	6	1,74

## 1102-003

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set

Code	No.	Contents	Pieces	
1692305	1102-003	Flat nose pliers No. 8132-160 JC, 160 mm 2C handle Power combination pliers No. 8250-180 JC, 180 mm 2C handle Power side cutters No. 8316-180 JC, 180 mm 2C handle	3	0,94

## 1102-007

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set

Code	No.	Contents	Pieces	
2951789	1102-007	Universal pliers No. 142 10 TL, 10", 15-way adjustable, dip-insulated Flat nose pliers No. 8132-200 JC, 200 mm, 2-component handle Power side cutter No. 8314-180 JC, 180 mm, 2-component handle	3	1,195

## 1102-008

Pliers set  
3 pieces

- > Practical set composition
- > In GEDORE L-BOXX® Mini, incl. divider set
- > Including range of dividers

Code	No.	Contents	Pieces	
2951797	1102-008	Power side cutters No. 8316-160 JC, 160 mm 2C handle Multiple Pliers No. 8133-200 JC, 200 mm 2C handle 7" universal pliers No. 142 7 TL	3	0,98

## S 8393

Pliers set  
3 pieces

- > Practical set composition

Code	No.	Contents	Pieces	
3012859	S 8393	10" water pump pliers No. 142 10 TL Power combination pliers No. 8250-200 JC, 200 mm 2C handle Power side cutters No. 8314-180 JC, 180 mm 2C handle	3	1,066

Pliers

**S 8007**  
Circlip pliers set  
for inner and  
outer rings



- > Universal pliers for safe clamping and fixing of internal and external retaining rings (DIN 471/472) from 305 - 1000mm diameter
- > pliers with body tip Ø 6mm and tip Ø 9mm
- > Operating tools for tip change and handle mounting
- > Reversible ratchet No. 3093 Z for operating the pliers
- > Screwdriver bit socket 3/8" No. IN 30 8 for quick adjustment with cordless screwdriver
- > Plastic box E-1000P (for small parts)
- > GEDORE i-BOXX® with foam insert

Code	No.			
<b>3084477</b>	S 8007 V-GRIP			4,28

**S 8000**  
Set of circlip pliers  
4 pieces



- > For internal and external retaining rings
- > With straight and 90° angled tips

Code	No.	Contents	Pieces	
<b>6701030</b>	S 8000	8000 A 2 21 8000 J 2 21	4	0,756

**S 8008**  
Set of circlip pliers  
8 pieces



- > For internal and external retaining rings
- > With straight and 90° angled tips

Code	No.	Contents	Pieces	
<b>6700490</b>	S 8008	8000 A 1 11 2 21 8000 J 1 11 2 21	8	1,082

**S 8100**  
Set of circlip pliers  
4 pieces



- > For internal and external retaining rings
- > With straight jaws

Code	No.	Contents	Pieces	
<b>6703080</b>	S 8100	8000 A 1 1 2 8000 J 1 1 2	4	0,597

### S 8024

Set of circlip pliers  
4 pieces



- > For automotive use
- > For internal and external retaining rings
- > With straight and 45° angled tips

Code	No.	Contents	Pieces	
<b>2148684</b>	S 8024	8000 A 2 22 8000 J 2 22	4	0,756

### S 8028

Set of circlip pliers  
8 pieces



- > For automotive use
- > For internal and external retaining rings
- > With straight and 45° angled tips

Code	No.	Contents	Pieces	
<b>2148692</b>	S 8028	8000 A 1 12 2 22 8000 J 1 12 2 22	8	1,082

### 1101-001

Set of circlip pliers  
8 pieces



- > For internal and external retaining rings
- > With straight and 90° angled tips
- > In GEDORE i-BOXX® 72

Code	No.	Contents	Pieces	
<b>1692275</b>	1101-001	8000 A 1 11 2 21 8000 J 1 11 2 21	8	1,55

### 1102-001

Set of circlip pliers  
4 pieces

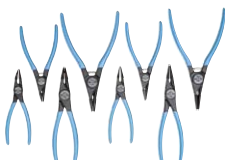


- > For internal and external retaining rings
- > With straight and 90° angled tips
- > In GEDORE L-BOXX® Mini, incl. divider set

Code	No.	Contents	Pieces	
<b>1692283</b>	1102-001	8000 A 2 21 8000 J 2 21	4	1,22

### 1101-004

Set of circlip pliers  
8 pieces



- > With straight and 45° angled tips
- > For the safe installation and removal of internal and external retaining rings up to a size of 60 mm
- > In GEDORE i-BOXX® 72

Code	No.	Contents	Pieces	
<b>2148706</b>	1101-004	8000 A 1 12 2 22 8000 J 1 12 2 22	8	1,55