

# SHEARS



## Cutting

The precise cutting geometry allows for problem-free separation both of especially flexible and of solid conductors up to 45 mm in diameter (copper and aluminium).

## Design

Ergonomically shaped shank and handle design, together with optimum leverage transfer thanks to ratchet mechanism allow one-handed use requiring minimal strength.

### Cable shears

excellent cutting performance for copper and aluminium cable, made of case hardened 5 mm flat tool steel, precision-ground cutting edges, finest gunmetal finish, 2-component plastic handle sleeves with special blade for fine wire cables up to 18 mm in diameter



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
18 mm	16	50	180	1	12 0116

### One-hand cable shears

excellent cutting performance for copper and aluminium cable, smooth, non-deforming cut, die-forged, precision ground, adjustable screwed joint, 2-component plastic handle sleeves



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
16 mm	16	50	160	6	12 0104

### 1000 V one-hand cable shears

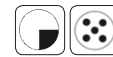
excellent cutting performance for copper and aluminium cable, smooth, non-deforming cut, with double dip-coated special insulation



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
16 mm	16	50	160	6	12 0206

### One-hand cable shears

excellent cutting performance for copper and aluminium cable, smooth, non-deforming cut, die-forged, precision ground, adjustable screwed joint, 2-component plastic handle sleeves



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
25 mm	25	70	200	6	12 0100

### 1000 V one-hand cable shears

excellent cutting performance for copper and aluminium cable, smooth, non-deforming cut, with double-dip coated special insulation



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
25 mm	25	70	200	6	12 0202

### Cable shears

Universal cable shears for copper, aluminium and coaxial cables. For solid cables up to 10 mm ø or 50 mm<sup>2</sup> and multi-core cables up to 12 mm ø or 70 mm<sup>2</sup>. This tool is suitable for cable stripping, removing insulation (special zone on the cutting head) and precise cutting of cables. With ergonomically shaped 2-component plastic handle sleeves.



Weight 300 g.

200	1	12 0138
-----	---	---------

### Insulation stripping cable shears

Universal cable shears for copper and aluminium cables. For multi-core, solid cables up to 16 mm<sup>2</sup>. Insulation stripping function can be set with a screw for adjusting to the desired wire or flex diameter from 0.5 to 2.0 mm (special zone on the cutting head). This tool is suitable for stripping 4 - 16 mm (in the cutting area) and for precision cutting of cables. With single-dip coating.



160	1	12 0242
-----	---	---------

### Cable shears

Universal cable shears for copper, aluminium and coaxial cables. This tool is suitable for precision cutting of cables, handles with single-dip coating.



12 mm ø or 70 mm <sup>2</sup>	240	1	12 0330
20 mm ø or 95 mm <sup>2</sup>	235	1	12 0340

### Cable shears

Universal cable shears for copper, aluminium and coaxial cables. This tool is suitable for stripping, removing insulation (special zone on the cutting head) and precision cutting of cables. Handles with single-dip coating.



10 mm ø or 50 mm <sup>2</sup>	160	1	12 0332
-------------------------------	-----	---	---------



1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

## Cable shears

Universal cable shears for copper, aluminium and coaxial cables.



This tool is suitable for precision cutting of cables. Additional blade for cutting steel wires, handles with single-dip coating.

for cable ø	Size/mm	PU	Article no.
12 mm ø	180	1	12 0334
16 mm ø	220	1	12 0336



## Cable shears

Universal cable shears for copper, aluminium and coaxial cables.



This tool is suitable for precision cutting of cables, one-handed operation even for larger cable diameters thanks to a slot in the riveted area of the shank, handles with single-dip coating.

for cable ø	cross-section mm <sup>2</sup>	Size/mm	PU	Article no.
20 mm	95	250	1	12 0338



## Cable shears

with lever transfer and exchangeable blades, PVC-covered steel tube shanks

for cable ø	cross-section mm <sup>2</sup>	Size/mm	PU	Article no.
26 mm	120	600	1	12 0150



## Cable shears

with exchangeable blades

for cable ø	cross-section mm <sup>2</sup>	PU	Article no.
26 mm	120	1	12 0147
42 mm	300	1	12 0151
65 mm	400	1	12 0157



## Cable cutter

- With ratchet action
- One-handed operation thanks to optimum leverage transfer and step-by-step cutting
- Release option in all cutting positions
- All parts in high-strength special steel
- Cutting edges and parts under stress tempered or hardened, surface with gunmetal finish
- Ergonomically shaped soft handles
- For copper and aluminium cables, single and multiple conductors

for cable ø	solid mm <sup>2</sup>	multiple wire mm <sup>2</sup>	Size/mm	PU	Article no.
32 mm	1 x 150	4 x 35	250	1	12 0180
52 mm	1 x 300	4 x 90	310	1	12 0184
54 mm	1 x 400	4 x 120	310	1	12 0185



## 1000 V cable cutter

- With ratchet action
- One-handed operation thanks to optimum leverage transfer and step-by-step cutting
- Release option in all cutting positions
- All parts in high-strength special steel
- Cutting edges and parts under stress tempered or hardened, surface with gunmetal finish
- With double-dip coating special insulation
- For copper and aluminium cables, single, multiple and flexible conductors

for cable ø	solid mm <sup>2</sup>	multiple wire mm <sup>2</sup>	Size/mm	PU	Article no.
32 mm	1 x 150	4 x 35	250	1	12 0182



## Cable cutter

- With ratchet action
- Two-handed operation thanks to optimum leverage transfer and step-by-step cutting
- Release option in all cutting positions
- All parts in high-strength special steel
- Cutting edges and stressed parts tempered or hardened, surface with gunmetal finish
- Ergonomically shaped soft handles
- For copper and aluminium cables, single or multiple conductor

for cable ø	Size/mm	PU	Article no.
60 mm	720	1	12 0170
100 mm	820	1	12 0172



## One-hand ratchet cable cutter

For crush-free cutting of cables with a maximum external diameter of 45 mm. Suitable for copper and aluminium cables, not suitable for steel cables, steel reinforced cables and hard-drawn copper or bronze conductors. Clean cutting thanks to sharp, specially hardened blades, effortless one-handed use possible despite compact shape and thanks to ratchet mechanism with needle bearing eccentric transmission and ergonomic handles with narrow opening width. However, the handles are long enough to allow the second hand to be used in support for peak stress. Weight only 980 g. Mobile, fully swivelling blade that can be released in any position, handles can be locked with a turning knob (lock symbol), small opening of the cutting blades with lockable safety catch.

### Max. cutting performance

Cu ( copper )	max. $\varnothing$	45 mm
	Multi-wire	300 mm <sup>2</sup> / 600 MCM
	Sector-shaped conductor	3 x 70 SM
Al ( aluminium )	max. $\varnothing$	45 mm
	Multi-wire	400 mm <sup>2</sup> / 800 MCM
	Sector-shaped conductor	4 x 70 SE

	1	12 0168
Replacement pivot blade	1	12 9168



### Max. cutting performance

Cu ( copper )	max. $\varnothing$	60 mm
	Multi-wire	400 mm <sup>2</sup> / 800 MCM
	Sector-shaped conductor	4 x 150 SM
Al ( aluminium )	max. $\varnothing$	60 mm
	Multi-wire	400 mm <sup>2</sup> / 800 MCM
	Sector-shaped conductor	4 x 150 SE

	1	12 0178
--	---	---------



## Battery-operated cutting tools

General product features of CIMCO battery-operated hydraulic tools:

- Quick advance thanks to double piston hydraulics (advantage: reduced pressing time due to rapid bridging of no-load stroke)
- Automatic pressure limit (advantage: no danger of overpressing)
- Quick stop (advantage: no running-on of the hydraulics - which means no accidental damage)
- Motor switch-off and automatic return after completed pressing (advantage: clear indication of end of pressing process)
- Electronic control and monitoring of the pressing process (advantage: errors minimised by monitoring)
- Manual return
- Multi-function electronics with sleep mode for maintenance display and battery monitoring (advantage: longer working life for all components)
- Mini-USB interface allows connection to all common PC systems for service and monitoring
- The latest in battery technology! Lithium-ion technology without self-discharge and with reduced weight!
- Service and monitoring software for all common PC systems

### Hydraulic battery-operated cutter up to 45 mm diameter

suitable for cutting aluminium and copper cables, plus aluminium-steel cables up to a diameter of 45 mm.

Features: fold-out cutting head, can be rotated 270°

Delivery: Basic unit in case, charger, 2 rechargeable batteries, analysis software, mini-USB cable

Weight with case 14,500 g, weight without case 6,100 g

Cutting area	Cutting force	Operating pressure	PU	Article no.
max. 45 mm $\varnothing$	60 kN	700 bar (70MPa)	1	10 5706



### Hydraulic battery-operated cutter up to 50 mm diameter

suitable for cutting aluminium and copper cables up to a diameter of 50 mm.

Features: fold-out cutting head, can be rotated 270°

Delivery: Basic unit in case, charger, 2 rechargeable batteries, analysis software, mini-USB cable

Weight with case 14,050 g, weight without case 5,250 g

Cutting area	Cutting force	Operating pressure	PU	Article no.
max. 50 mm $\varnothing$	60 kN	700 bar (70MPa)	1	10 5708



### Hydraulic battery-operated cutter up to 85 mm diameter

suitable for cutting aluminium and copper cables up to a diameter of 85 mm.

Features: fold-out cutting head, can be rotated 270°

Delivery: Basic unit in case, charger, 2 rechargeable batteries, analysis software, mini-USB cable

Weight with case 15,750 g, weight without case 7,650 g

Cutting area	Cutting force	Operating pressure	PU	Article no.
max. 85 mm $\varnothing$	70 kN	700 bar (70MPa)	1	10 5710



### Cable shears

Cutters made of 3 mm high grade stainless steel, handles of impact-resistant plastic, hardness HRC 50 to 54, self-locking nut and washer of high alloy steel, safety lock, self-opening by means of spring, suitable for right-handed and left-handed use. For cutting cables and conductors up to 10 mm in diameter, insulation, wood, rope and other materials.

165	1	12 0110
-----	---	---------



### Universal shears

Cutters made of high grade stainless steel, handles of impact-resistant plastic, hardness HRC 56 to 58, one cutter finely serrated, self-locking nut and washer of high alloy steel, safety lock, self-opening due to spring, suitable for right-handed and left-handed use, cutting length 42 mm. For cutting wire, cables, sheet metal, paper, cardboard, plastic, wood, leather and other materials.

145	1	12 0120
190	1	12 0122



## Electrician scissors

Blades in stainless VA steel-vanadium-molybdenum alloy, one cutting edge finely serrated, glass fibre reinforced impact-proof 2-component plastic handles, total length 140 mm, cutting length 47 mm. For cutting and stripping insulation off conductors and cables up to 22 mm in diameter, for cutting insulating tape, cable binders and other materials.

140	1	12 0130
-----	---	---------



## Electrician scissors with holster

- Ergonomic two-component grip with fibreglass reinforcement
- Blades made of stainless steel HRC 56 AISI 420 4 mm with serrated edge
- Length 155 mm, with 26 mm blades
- For cutting and stripping insulation from lines with diameters of up to 16 mm (50 mm<sup>2</sup>)
- Plastic holster for easy attachment to a belt or bag
- Shears weight: 87 g
- Holster weight: 16 g
- Sheath length: 133 mm

	1	12 0126
--	---	---------



## Electrician scissors

- Hand grip made of two-component material with fibreglass reinforcement; joint reinforced to avoid loosening
- Blades made of stainless steel 52/54 HRC 3 mm, with serrated edge
- Length 145 mm, with a blade length of 35 mm
- For cutting and stripping insulation from lines with a diameter of up to 8 mm (25 mm<sup>2</sup>)
- Weight: 80 g

	1	12 0132
--	---	---------



## Ergonomic electrician scissors

- Grip with innovative design to reduce cutting forces Two-component material with fibreglass reinforcement
- Blades made of stainless steel 52/54 HRC 3 mm, with micro-serration
- Length 155 mm, with a blade length of 40 mm
- Weight: 61 g

	1	12 0134
--	---	---------



## Electrician scissors with crimp insert

- Hand grip made of two-component material with fibreglass reinforcement; all-round coating prevents slipping during the cutting process
- Reinforced joint; prevents loosening of the joint
- Blades made of stainless steel 52/54 HRC, 3 mm with serrated edge
- Length 162 mm, with a blade length of 42 mm
- For cutting and stripping insulation from lines with a diameter of up to 8 mm (25 mm<sup>2</sup>) with a straight cut and a cross section of up to 70 mm<sup>2</sup> (fine wire) with a round cut
- Crimp insert for wire end ferrules for cross sections of 1 to 6 mm<sup>2</sup>; Crimp insert made of stainless steel
- Weight: 100 g

	1	12 0144
--	---	---------



## Telephone scissors

with wire cutter, bright nickel plated

with smooth cutting edge	130	1	12 0220
with serrated cutting edge	130	1	12 0222



## Crown scissors

bright nickel plated, with serrated cutting edge, for the thinnest wires

115	12	12 0230
-----	----	---------



## 1 Universal shears (paper, wallpaper and household scissors)

stainless steel blades, modern 2-component technology, ergonomically shaped handles with soft rubber insert

220 1 12 0128



## 3 Multi-purpose shears for plastics

practical set, consisting of quality shears and 5 exchangeable cutting insets, in impact-proof, easy to handle plastic box, essential for almost all craft work in electrical and sanitary installation. Not suitable for cutting halogen-free materials.

**Contains:** Multi-purpose shears for quick, non-crushing cutting work on plastic, rubber and wooden parts and on ribbon cables (except for hard metals), solid precision cutting blade (cutting length 57 mm) in case-hardened tool steel (> 52 HRC), can be sharpened, special cutting geometry for very light cut, eccentrically placed pivot point for oblique shearing to do away with tedious deburring, with opening spring and locking device, ergonomically shaped plastic handles with slip guard. 5 different cutting insets in lightweight metal, can be changed in seconds:

**flat-straight inset** (pre-mounted in the shears) for general cutting work with flat materials such as plastic profiles, ribbon cables, cable ducts, flooring strips etc., **mitre inset** with stop angle and markings for angle cuts at 45° - 60° - 75° - 90° - 105° - 120°, **profile inset at 90°** for cutting box profiles up to 25 x 45 mm, e.g. small cable and wiring ducts, and also for hard or thick-walled plastic pipes and hoses up to 25 mm diameter, **round profile inset 16 / 19 mm** each with one circular guide 16 mm ( $\frac{5}{8}$ "-) and one 19 mm ( $\frac{3}{4}$ "-) diameter respectively, plus **round profile inset 25 mm** with a circular guide 25 mm (1") diameter, ideal for burr-free cutting of flexible and hard plastic pipes and hoses.

Not suitable for halogen-free materials.

1 12 0210

Replacement parts:

flat-straight	1	12 0211
Mitre insert	1	12 0212
Round profile 16/19 mm ø	1	12 0213
Round profile 25 mm ø	1	12 0214
Profile insert 90°	1	12 0215
Replacement blade	1	12 0216



## 13 Multi-purpose shears for plastic pipes and hoses

Shears as CIMCO article no. 12 0210, with pre-mounted cutting inset CIMCO article no. 12 0213, for cutting round profiles with a diameter of 16 mm ( $\frac{5}{8}$ "-) and 19 mm ( $\frac{3}{4}$ "-), in particular hard and flexible plastic pipes (corrugated pipes).

1 12 0290



## 16 Plastic shears with adjustable stop

Shears as in the range (CIMCO article no. 12 0210), but with adjustable stop angle for convenient mitre cuts, locking positions at 45°, 60°, 75°, 90°, 105°, 120° and 135°, 2-component handles.

1 12 0208

