

# SHEARS

For cutting stranded conductors, suitable cable shears should be used. These will ensure exact cutting without deformation.



The CIMCO DUOCUT cable shears made of forged steel provide the user with an extremely sharp blade which also features two cutting zones!



Small blade for single conductors up to max. 4 mm ø, large blade for sheathed cables up to max. 10 mm ø.



Also suitable for cutting lengthways.



VDE marking in the handle.

## Design

Size mm

PU

Article no.

**DUOCUT cable shears****NEW**

Product video  
DUOCUT cable shears

Innovative cable shears for copper and aluminium cables with multi-component

VDE case. Particularly suitable for exact cutting of cables without deformation. The handles of the shears can be opened up to 140°, consequently a longitudinal cut is possible. VDE/GS approved, according to IEC 60900 and VDE 0682 / part 201. Weight: 175 g.

**Highlight:**

The two-stage cutting zone:

1. Large blade for sheathed cables up to max. 10 mm ø
2. Small blade for single conductors up to max. 4 mm ø

160

1

12 0108

**DUOCUT 12 cable shears****NEW**

Innovative cable shears for copper and aluminium cables with multi-component

VDE case. Particularly suitable for exact cutting of cables without deformation. The handles of the shears can be opened up to 140°, consequently a longitudinal cut is possible. VDE/GS approved, according to IEC 60900 and VDE 0682 / part 201. Weight: 300 g.

**Highlight:**

The two-stage cutting zone:

1. Large blade for sheathed cables up to max. 12 mm ø
2. Small blade for single conductors up to max. 4 mm ø

200

1

12 0112

**VDE cable shears****NEW**

For copper and aluminium cables, very good cutting performance, made from case-hardened

5 mm flat tool steel, precision ground cutting edges, finely bronzed,

2-component plastic handle sleeves, with special blade

for fine-wire cables up to ø 18 mm

- VDE / GS approved
- According to IEC 60900 and VDE 0682 / part 201
- Product conforms to the current Product Safety Act (ProdSG)

for cable ø

solid mm<sup>2</sup>flexible mm<sup>2</sup>

18 mm

16

50

180

1

12 0114

**Cable shears**

For copper and aluminium cables, excellent cutting performance, made from case-hardened

5 mm flat tool steel, precision ground cutting edges, finely bronzed, 2-component plastic handle sleeves,

with special blade for fine-wire cables up to ø 18 mm

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**

For copper and aluminium cables, excellent cutting performance, smooth cut with no deformation,

die-forged, precision ground, adjustable screw joint, 2-component plastic handle sleeves

for cable ø

solid mm<sup>2</sup>flexible mm<sup>2</sup>

16 mm

16

50

160

1

12 0104

**1000 V one-hand cable shears**

For copper and aluminium cables, excellent cutting performance,

smooth cut without deformation with double dip-coated special insulation

for cable ø

solid mm<sup>2</sup>flexible mm<sup>2</sup>

16 mm

16

50

160

1

12 0206

**One-hand cable shears**

for copper and aluminium cables, excellent cutting performance, smooth cut without deformation,

die-forged, precision ground, adjustable screw joint, 2-component plastic handle sleeves

for cable ø

solid mm<sup>2</sup>flexible mm<sup>2</sup>

25 mm

25

70

200

1

12 0100

Design	Size mm	VE	Article no.		
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## 1000 V one-hand cable shears

For copper and aluminium cables, excellent cutting performance, smooth cut without deformation with double dip-coated special insulation



for cable ø	solid mm <sup>2</sup>	flexible mm <sup>2</sup>			
25 mm	25	70	200	1	12 0202



## Cable cutter for steel cables

One hand actuation due to optimal handle design, 2-component handles, blade hardness 60 – 62 HRC, suitable for cutting flexible steel cables up to ø 5 mm

	185	1	12 0146	
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## Insulation stripping cable shears

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



	160	1	12 0242	
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## Cable shears

Universal cable shears for copper, aluminium and coaxial cables. The tool is suitable for the exact 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. The tool is suitable for sheath stripping, insulation stripping (special zone on the cutting head) and for the exact cutting of cables, handles with single-dip coating.



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



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 riveting area of the shank, handles with single-dip coating.



for cable ø	cross section mm <sup>2</sup>			
20 mm	95	250	1	12 0338



## Cable shears

With lever transmission and interchangeable cutter heads, PVC-covered tubular steel shanks

for cable ø	cross section mm <sup>2</sup>			
26 mm	120	600	1	12 0150



Design	Size mm	PU	Article no.
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Cable shears

with interchangeable cutter heads

for cable ø	cross section mm²				
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 lever transmission and step-by-step cutting
- Release possibility in all cutting positions
- All parts made from high-strength special steel
- Cutting edges and stressed parts tempered or hardened, bronzed surface
- Ergonomically shaped soft handles
- For copper and aluminium cables, single and multiple conductor

for cable ø	solid mm²	multi-wire mm²			
32 mm	1 x 150	4 x 35	250	1	12 0180
62 mm	1 x 500	4 x 185	310	1	12 0185

1000 V cable cutter

- With ratchet action
- One-handed operation thanks to optimum lever transmission and step-by-step cutting
- Release possibility in all cutting positions
- All parts made from high-strength special steel
- Cutting edges and stressed parts tempered or hardened, bronzed surface
- With double dip-coated special insulation
- For copper and aluminium cables, single-, multiple- and flexible conductors

for cable ø	solid mm²	multi-wire mm²			
32 mm	1 x 150	4 x 35	250	1	12 0182

Cable cutter

- With ratchet action
- Two-handed operation thanks to optimum lever transmission and step-by-step cutting
- Release possibility in all cutting positions
- All parts made from high-strength special steel
- Cutting edges and stressed parts tempered or hardened, bronzed surface
- Ergonomically shaped soft handles
- For copper and aluminium cables, single and multiple conductor

for cable ø					
100 mm			820	1	12 0172

One-hand ratchet cable cutter

For crush-free cutting of cables with a maximum outside diameter of 45 mm. Suitable for copper and aluminium cables, not suitable for steel wire, steel reinforced cables and hard-drawn copper conductors. Neat cut 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 during load peaks. Weight only 980 g. Movable blade, fully swivelling and unlockable in every position, handles locked via rotary knob (lock symbol), easy opening of the cutting blade by means of safety catch lockable in the open position.

Max. cutting performance

Cu (copper)	max. ø	45 mm
	Multi-wire	300 mm² / 600 MCM
	Sector-shaped conductor	3 x 70 SM
Al (aluminium)	max. ø	45 mm
	Multi-wire	400 mm² / 800 MCM
	Sector-shaped conductor	4 x 70 SE

		1	12 0168
Replacement pivot blade		1	12 9168



Image video  
Cable shears

Design	Size mm	VE	Article no.		
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## One-hand ratchet cable cutter

Max. cutting performance

Cu (copper)	max. ø	60 mm
	Multi-wire	400 mm <sup>2</sup> / 800 MCM
	Sector-shaped conductor	4 x 150 SM
Al (aluminium)	max. ø	60 mm
	Multi-wire	400 mm <sup>2</sup> / 800 MCM
	Sector-shaped conductor	4 x 185 SE



		1	12 0178	
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## Battery-operated cutting tools

General product features of CIMCO battery-operated hydraulic tools:

- Fast feed thanks to double piston hydraulics (advantage: shortening of cutting time due to fast bridging of the no-load stroke)
- Automatic pressure limit
- Quick stop (advantage: no running-on of the hydraulics - consequently no unwanted damage)
- Motor shutdown and automatic return after completed crimping (advantage: clear indication of the end of crimping process)
- Electronic control and monitoring of the pressing process (advantage: errors minimised through monitoring)
- Manual return
- Multi-function electronics with sleep mode for maintenance display and battery monitoring (advantage: longer service life for all components)
- Mini-USB port enables connection to all common PC systems for the purpose of service and monitoring
- The latest in battery technology! Lithium-ion technology without self-discharge and with low 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, as well as aluminium-steel cables up to a diameter of 45 mm.

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

Scope of delivery: Basic tool in case, charger, 2 rechargeable batteries, analysis software, mini-USB cable

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



Cutting range	Cutting force	Operating pressure		
max. 45 mm ø	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 through 270°

Scope of delivery: Basic tool in case, charger, 2 rechargeable batteries, analysis software, mini-USB cable

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



Cutting range	Cutting force	Operating pressure		
max. 50 mm ø	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 through 270°

Scope of delivery: Basic tool in case, battery charger, 2 rechargeable batteries, analysis software, mini-USB cable

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



Cutting range	Cutting force	Operating pressure		
max. 85 mm ø	70 kN	700 bar (70MPa)	1	10 5710

## Cable shears

Blades made from 3 mm non-rusting stainless steel, handles made from impact-resistant plastic, hardness HRC 50 to 54, self-locking nut and washer made from VA, safety lock, opens automatically with spring, suitable for left and right-handed use. For cutting cables and conductors up to 10 mm in diameter, insulation, wood, rope and other materials.

	165	1	12 0110	
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## Design

Size mm

PU

Article no.

**Universal shears**

Blades made from non-rusting stainless steel, handles made from impact-resistant plastic, hardness HRC 56 to 58, one blade finely serrated, self-locking nut and washer made from VA, safety lock, self-opening with spring, suitable for left and right-handed use, Blade length 42 mm. For cutting wire, cables, sheet metal, paper, cardboard, plastics, wood, leather and other materials.

145	1	12 0120
190	1	12 0122

**Electrician scissors**

Blades made from non-rusting VA-vanadium-molybdenum alloy, one blade finely serrated, glass-fibre reinforced impact-resistant 2-component plastic handles, total length 140 mm, blade length 47 mm. For cutting and insulation stripping of conductors and cables up to 22 mm in diameter, for cutting insulation tape, cable ties and other materials.

140	1	12 0130
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**Electrician scissors with holster**

- Ergonomic two-component handle with glass fibre 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 cables with diameters of up to 16 mm (50 mm<sup>2</sup>)
- Plastic holster for easy attachment to a belt or bag
- Weight of shears: 87 g
- Holster weight: 16 g
- Sheath length: 133 mm

1	12 0126
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**Electrician scissors**

- Handle 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 cables with a diameter of up to 8 mm (25 mm<sup>2</sup>)
- Weight: 80 g

1	12 0132
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**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-serrated edge
- Length 155 mm, with a blade length of 40 mm
- Weight: 61 g

1	12 0134
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**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 cables with a diameter of up to 8 mm (25 mm<sup>2</sup>) with the straight edge and a cross section of up to 70 mm<sup>2</sup> (fine wire) with the round edge
- 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
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Design	Size mm	VE	Article no.		
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## 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	
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## Universal shears (paper, wallpaper and household scissors)

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

	220	1	12 0128	
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## Multi-purpose shears for plastics

Practical set, consisting of quality shears and 5 interchangeable cutting inserts, in impact-proof, handy plastic case, essential for almost all craft work in electrical and sanitary installation. Not suitable for cutting halogen-free materials.

**Contents:** **Multi-purpose shears** for quick, non-crushing cutting work on plastic, rubber and wooden parts and on ribbon cables (except hard metals), solid precision cutting blade (cutting length 57 mm) made of case-hardened tool steel (> 52 HRC), can be sharpened, special cutting geometry for very light cut, eccentrically placed pivot point for oblique shearing makes tedious deburring superfluous, with opening spring and locking device, ergonomically shaped plastic handles with anti-slip protection. 5 different cutting inserts in lightweight metal, can be changed in seconds: **flat-straight insert** (pre-mounted in the shears) for general cutting work on flat materials such as plastic profiles, ribbon cables, cable ducts, skirting boards etc., **mitre insert** with try square and markings for angle cuts at 45° - 60° - 75° - 90° - 105° - 120°, **profile insert at 90°** for cutting box profiles up to 25 x 45 mm, e.g. small cable and cable routing ducts, and also for hard or thick-walled plastic tubes and hoses up to 25 mm diameter, **round profile insert 16 / 19 mm** each with one round guide 16 mm ( $\frac{5}{8}$ " )- and one 19 mm ( $\frac{3}{4}$ " ) diameter respectively, plus round profile insert 25 mm with a **round guide 25 mm** (1") diameter, ideal for burr-free cutting of flexible and hard plastic tubes and hoses. Not suitable for halogen-free materials.

		1	12 0210	
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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	

## Multi-purpose shears for plastic pipes and hoses

Shears as CIMCO article no. 12 0210, with pre-mounted cutting insert 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 tubes (corrugated tubes).

		1	12 0290	
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## Plastic shears with adjustable stop

Shears as in the set (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	
Replacement blade		1	12 0216	

