

92

## Precision Tweezers

IEC 60900 DIN EN 60900



92 27 61  
 ⚡ 1000V ⚡



92 27 62  
 ⚡ 1000V ⚡



92 37 64  
 ⚡ 1000V ⚡  $\angle 45^\circ$



92 67 63  
 ⚡ 1000V ⚡

- tested according IEC 60900
- with dipped insulation
- nickel plated
- Spring steel, high-strength

**92 27 61**  
 for ultra fine mounting work; extra fine tips; straight pattern; gripping surfaces matt finished for optimum grip

**92 27 62**  
 straight pattern; gripping surfaces with fine transverse serration

**92 37 64**  
 angled tips; gripping surfaces with fine transverse serration

**92 67 63**  
 straight pattern; knurled gripping surfaces

Article No.	EAN 4003773-	↔ mm		Finish	⚖ g
92 27 61	054757	130	⚡ 1000V ⚡	with dipped insulation	32
92 27 62	054764	150	⚡ 1000V ⚡	with dipped insulation	35
92 37 64	054856	150	⚡ 1000V ⚡ $\angle 45^\circ$	with dipped insulation	34
92 67 63	054931	145	⚡ 1000V ⚡	with dipped insulation	43

95  
0

## Cable Shears

IEC 60900 DIN EN 60900



95 06 230  
 ⚡ 1000V

- for copper single conductors up to 16 mm<sup>2</sup>, multiple stranded wires up to 50 mm<sup>2</sup>, fine stranded up to 70 mm<sup>2</sup> and aluminium conductors multiple stranded wires up to 70 mm<sup>2</sup>
- easy cutting with one-hand operation due to high transmission ratio
- not suitable for steel wire and hard drawn copper conductors
- precision ground, hardened blades
- no crushing, slight deformation of the cable only
- with guard
- adjustable bolted joint
- Shears body: surgical steel, stainless, vacuum-hardened
- Handles: plastic, impact-proof

Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			⚖ g
						Ø mm	mm <sup>2</sup>	AWG	
95 06 230	006305	230	⚡ 1000V	polished	plastic insulated, VDE-tested	16	50	1/0	274

95  
1

## Cable Shears

IEC 60900 DIN EN 60900



95 16 165



95 26 165



- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and hard drawn copper conductors
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- easy cutting with one-hand operation
- guard prevents operators' fingers being pinched
- adjustable bolted joint, self-retaining screw
- High-grade special tool steel, forged, oil-hardened

### Style 2

internal opening spring, protected and captive



Cut performed with a Diagonal Cutter: high effort required, inaccurate cut, considerable deforming and crushing of the cable



Cut performed with a Cable Shear: easy, clean cut without any deformation of the cable



Article No.	EAN 4003773-	↔ mm	Safety icons	Style	Tool	Handles	Cutting capacities			⚖ g
							∅ mm	mm <sup>2</sup>	AWG	
95 16 165	039648	165	⚠ 1000V ⚡ ⚙ ⚙ ⚙	1	chrome plated	insulated with multi-component grips, VDE-tested	15	50	1/0	262
95 26 165	069980	165	⚠ 1000V ⚡ ⚙ ⚙ ⚙	2	chrome plated	insulated with multi-component grips, VDE-tested	15	50	1/0	275

95  
1

## Cable Shears with twin cutting edge

IEC 60900 DIN EN 60900

PATENTED



95 16 200

1000V



95 17 200

1000V

- for cutting copper and aluminium cables
- not suitable for steel wire and hard drawn copper conductors
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- by dividing the cutting actions into initial cut (insulating sheath in the front cutting area) and final cut (conductor in the back cutting area), cables up to Ø 20 mm can be cut in one-hand operation
- less effort required due to favourable lever ratio and optimised cutting-edge geometry
- guard prevents operators' fingers being pinched
- adjustable bolted joint, self-retaining screw
- High-grade special tool steel, forged, oil-hardened



**Initial cut:** using the front cutting edge to cut the insulating sheath on larger cable diameters leaves an ergonomic handle opening width.



**Final cut:** after cutting the sheath in the front profile the conductors in the rear part are cut. Initial cut in the front profile, final cut in the rear profile - to keep it as easy as possible.

Article No.	EAN 4003773-	↔ mm		Tool	Handles	Cutting capacities			 g
						Ø mm	mm <sup>2</sup>	AWG	
95 16 200	026761	200		chrome plated	insulated with multi-component grips, VDE-tested	20	70	2/0	340
95 17 200	026952	200		chrome plated	with dipped insulation, VDE-tested	20	70	2/0	360

95  
1

## Cable Shears

IEC 60900 DIN EN 60900



95 17 500

1000V

- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and wire ropes
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- less effort required due to favourable lever ratio and optimised cutting-edge geometry
- short design, length only 500 mm
- low weight
- guard prevents operators' fingers being pinched
- adjustable bolted joint
- Cutter head: vanadium electric steel, forged, oil-hardened
- Handles: aluminium tube, high-strength



Large cutting capacity: max. 27 mm dia. / 150 mm<sup>2</sup>

Article No.	EAN 4003773-	↔ mm	1000V	Head	Handles	Cutting capacities		AWG	 g
						Ø mm	mm <sup>2</sup>		
95 17 500	026785	500	1000V	polished	with dipped insulation, VDE-tested	27	150	5/0	1477

95  
2

## Cable Shears

IEC 60900 DIN EN 60900



95 27 600

1000V

- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and wire ropes
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- favourable lever ratio due to toggle lever
- guard prevents operators' fingers being pinched
- adjustable bolted joint
- bolted cutter head, replaceable
- cutter head: high-grade chrome vanadium electric steel, forged, oil-hardened
- Handles: steel tube

Article No.	EAN 4003773-	↔ mm	1000V	Head	Handles	Cutting capacities		AWG	 g
						Ø mm	mm <sup>2</sup>		
95 27 600	021797	600	1000V	polished	with dipped insulation, VDE-tested	27	150	5/0	2301

95 29 600 021803 Spare cutter head for 95 21 600 / 95 27 600

95  
3

## Cable Cutters ratchet action

IEC 60900 DIN EN 60900

PATENTED



95 36 250

⚡ 1000V



95 36 280

⚡ 1000V

- for cutting copper and aluminium single conductors as well as multiple stranded cables
- not suitable for steel wire and wire ropes
- precision ground, hardened blades
- clean and smooth cut without crushing and deformation
- one-hand operation using ratchet principle
- little handforce required due to very high transmission ratio
- two-stage ratchet drive for easy cutting
- simple handling as a result of low weight and compact design - can be used even in confined areas
- guard prevents operators' fingers being pinched
- High-grade special tool steel, forged, oil-hardened

95 36 280

suitable for aluminium sector cable up to 4 x 150 mm<sup>2</sup>

95 36 250



95 36 280



Ratchet principle and two-stage ratchet drive for easier cutting

Article No.	EAN 4003773-	↔ mm	⚡ 1000V	Tool	Handles	Cutting capacities			g
						Ø mm	mm <sup>2</sup>	MCM	
95 36 250	026884	250	⚡ 1000V	black lacquered	insulated with multi-component grips, VDE-tested	32	240	500	652
95 36 280	026891	280	⚡ 1000V	black lacquered	insulated with multi-component grips, VDE-tested	52	380	750	835

95 39 250 022244 Movable spare blade for 95 31 250 / 95 36 250

95 39 280 025283 Movable spare blade for 95 31 280 / 95 36 280

95  
3

## Cable Cutter ratchet principle, 3-stage

IEC 60900 DIN EN 60900



95 36 320

⚡ 1000V

**Sturdy. Easy to use. Stable.**

**Innovative ratchet-drive**

**For cable up to 60 mm diameter**

- easy handling due to low weight (830 g) and compact construction (320 mm length) - usable in confined areas also
- cutting through copper and aluminium cables with diameters of up to 60 mm in one-hand and two-hand operation
- hardened cutting edges, precisely ground, cut smoothly and neatly without crushing
- for cutting copper and aluminium single conductors as well as multiple stranded cables (not suitable for steel wire and wire ropes)
- innovative three-stage ratchet-drive with high leverage for easy cutting in one-hand and two-hand operation
- fixed handle with support area for putting down the pliers when cutting
- High-grade special tool steel, forged, oil-hardened

Article No.	EAN 4003773-	↔ mm	⚡ 1000V	Tool	Handles	Cutting capacities			g
						Ø mm	mm <sup>2</sup>	MCM	
95 36 320	075189	320	⚡ 1000V	black atramentized	insulated with multi-component grips, VDE-tested	60	600	1200	830

95 39 320 01 075714 Pivot cutter repair kit for 95 32 320 and 95 36 320

95 39 320 02 075721 Fixed cutter repair kit for 95 32 320 and 95 36 320

95  
7

## Wire Rope and ACSR-Cable Cutter

IEC 60900 DIN EN 60900



95 77 600

⚡ 1000V

- for wire ropes and steel rods, copper and aluminium cables
- suitable for cutting overhead line cables with strain relief wire (ACSR cables)
- angular cutting blades allow cutting of single rope wire
- optimum transmission ratio for high cutting performance
- bolted cutter head, replaceable
- low weight
- Cutter head: high-grade special tool steel, oil-hardened
- Handles: aluminium, highstrength



Article No.	EAN 4003773-	↔ mm		Head	Handles	Cutting capacities			AWG	⚖ g
						mm²	Ø mm	Ø mm		
95 77 600	025313	600	⚡ 1000V	polished	with dipped insulation	150	14,0	9,0	5/0	2359

95 79 600 025337 Spare cutter head for 95 71 600 / 95 77 600

97  
68

## Crimping Pliers for end sleeves (ferrules)

IEC 60900 DIN EN 60900



97 68 145 A

⚡ 1000V

- for crimping end sleeves (ferrules) according DIN 46228 parts 1 + 4 in the range from 0.25 up to 2.5 mm²
- crimping in marked trapezoidal dies for reliable connections between the sleeve and the conductor
- Vanadium electric steel; forged, oil-hardened

Article No.	EAN 4003773-	↔ mm		Head	Handles	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 68 145 A	071754	145	⚡ 1000V	polished	insulated with multi-component grips, VDE-tested	0.25 - 2.5	23 - 13	4	175

97

## Crimping Pliers for end sleeves (ferrules)

IEC 60900 DIN EN 60900



97 78 180

⚡ 1000V

- for crimping end sleeves (ferrules) according DIN 46228 parts 1 + 4 from 0.25 to 16 mm²
- improved leverage for 30% easier crimping
- light and slim design
- crimping in marked half-round dies for reliable connections between the sleeve and the conductor
- 9 particularly deep dies with conical side faces
- Special tool steel, forged, oil-hardened



Article No.	EAN 4003773-	↔ mm		Head	Handles	Capacity mm²	AWG	Number of crimping positions	⚖ g
97 78 180	072003	180	⚡ 1000V	polished	insulated with multi-component grips, VDE-tested	0.25 - 16	23 - 5	9	254