

Premium tools and cable connecting technology for the electrical industry












List of excerpts



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Cutting



	single wire		wire rope
	multi-wire		armoured steel cable (SWA)
	sector-shaped		ACSR
	fine wire		bolt
	communication		solid steel
			solid Cu

Cable cutter with a snap

Art. no. 201002
Ø 16,9 mm, 180 mm

- One-hand cable cutter for fine wire cables only
- Low force required
- Laser-cut components
- CNC-ground cutting
- Inductively hardened blades
- Adjustable screw joint
- Cu fine wire cable, maximum Ø 16.9 mm = 70 mm²



Ø 16,9 Cu AL

Cable cutter

Art. no. 201085
Ø 8 mm, 160 mm

- For cutting Cu/Al cables, fine and multi-wiring
- Chrome vanadium steel, dip-insulated handles
- Insulating function in upper head area
- Cable measuring function thanks to the 180° crossover of the legs
- Not for solid conductors

Art. no. 201085 (Art. no. 201087)

- Data, telephone and control cable, maximum Ø 8 mm (Ø 12 mm)
- Cu single wire, maximum 16 mm² (16 mm²)
- Cu fine wire, maximum 16 mm² (35 mm²)
- Cu multi-wire, maximum 16 mm² (25 mm²)
- Al single wire, maximum 16 mm² (25 mm²)
- Al multi-wire, maximum Ø 8 mm = 16 mm² (25 mm²)

Art. no. 201087
Ø 12 mm, 200 mm



Ø 8 Ø 12 Cu AL

Cable cutter with a snap

Art. no. 201000
Ø 18,9 mm, 230 mm

- One-handed cable cutters for fine wire cables only
- Two-stage adjustment mechanism (patent)
- Low force required
- Laser-cut components
- CNC-ground cutting
- Inductively hardened blades
- Adjustable screw joint
- Telephone cable maximum Ø 26.1 mm
- Cu fine wire cable, maximum Ø 18.9 mm = 120 mm²



Ø 18,9 Cu AL



Cable cutters VDE

- For cutting Cu/Al cables, fine and multi-wiring
- Chrome vanadium steel, plug-on handles
- Insulating function in upper head area
- Cable measuring function thanks to the 180 degree crossover of the legs
- Not for solid conductors

Art. 211225 (Art. 211223)

- Data, telephone and control cable, maximum Ø 10 mm (Ø 12 mm)
- Cu single wire, maximum 16 mm² (16 mm²)
- Cu fine wire, maximum 16 mm² (35 mm²)
- Cu multi-wire, maximum 16 mm² (25 mm²)
- Al single wire, maximum 16 mm² (25 mm²)
- Al multi-wire, maximum Ø 10 mm = 16 mm² (25 mm²)



Art. no. 211225
Ø 8 mm, 160 mm

Art. no. 211223
Ø 12 mm, 200 mm

Cable cutter with eccentric drive

Particularly smooth-running cable cutter with needle bearing eccentric drive for everyday use up to 45 mm Ø. Extremely durable tool.

Cu/Al wire multi wiring	300 mm ²	45 Ø
Cu/Al wire sector format	240 mm ²	45 Ø
Cu wire fine wiring	300 mm ²	45 Ø

Cu wire fine wiring or telecommunication cable	45 Ø
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Art. no. 200177
Ø 45 mm, 260 mm

Cable cutters VDE with spring joint

- For cutting Cu/Al cables, fine and multi-wiring
- Not suitable for steel wire and wire rope
- Chrome vanadium steel
- Self-opening joint spring
- Enormous cutting power with reduced force expenditure
- Not for solid conductors



Art. no. 211226
Ø 10 mm, 25 mm²
170 mm

Art. no. 211228
Ø 15 mm, 70 mm²
230 mm

Cable cutter with eccentric drive

Particularly smooth-running cable cutter with needle bearing eccentric drive for everyday use up to 52 mm Ø. Extremely durable tool.

Cu/Al wire multi wiring	400 mm ²	52 Ø
Cu/Al wire sector format	480 mm ²	52 Ø
Cu wire fine wiring	500 mm ²	52 Ø

Cu wire fine wiring or telecommunication cable	52 Ø
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Art. no. 200114
Ø 52 mm, 325 mm

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Universal cable cutter with eccentric drive

Art. no. 200178
Ø 50 mm, 300 mm²,
TL 230 mm

- One-hand universal- and steel rope cutter with exchangeable cutting segments
- In the case of wear or changing requirements only the cutting segment need to be replaced
- Cleaner included
- Double needle bearing excenter lever 14mm
- Very easy to use through reduction of the attrition of the joint
- Strong reduction of the manual force
- Lever joint bolt strength 9mm
- Central lubrication
- Cone fitting in the bolt with cross drilling on the bearing points
- Adjustable level of the transport plugs
- Opening of the cutter possible at any time, also suitable for the highest demands without additives

Separable materials:

- Cable AL /Cu
- Cable with soft steel cover
- Steel covered ropes
- Steel armoured ropes
- Niro ropes
- Flexible steel ropes
- Tracking rope cable
- Steel armoured hose
- ACSR DIN 48 204
- Constructional steel 235JR+AR
- Screws

Complete set:

- Universal cable cutter
- 1 pair of cutting segments S1 (art. 200178/S1)
- ACSR



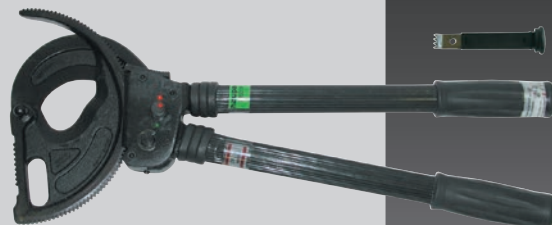
Cable cutter

Art. no. 200119
Ø 80 mm, 1000 mm²,
TL 610 mm

Almost maintenance-free quality tool up to 80 mm Ø. Smooth-running due to needle-bearing eccentric drive, also suitable for cables with steel plate jacket and soft steel wire reinforcement, ST 52. Comes with cog comb to clean cogs, integrated in the handle.

Cu/Al wire multi wiring	1000 mm²	80 Ø
Cu/Al wire sector format	1000 mm²	80 Ø
Cu wire fine wiring	1000 mm²	80 Ø

Cu wire fine wiring or telecommunication cable	80 Ø
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Cable cutter

Art. no. 200179
Ø 100 mm, 1400 mm²,
TL 610 mm

Almost maintenance-free quality tool up to 100 mm Ø. Smooth-running due to needle-bearing eccentric drive, also suitable for cables with steel plate jacket and soft steel wire reinforcement, ST 52. Comes with cog comb to clean cogs, integrated in the handle.

Cu/Al wire multi wiring	1400 mm²	100 Ø
Cu/Al wire sector format	1400 mm²	100 Ø
Cu wire fine wiring	1400 mm²	100 Ø

Cu wire fine wiring or telecommunication cable	100 Ø
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Type	S2 red point		S1 blue brand		B yellow brand		S		C black	
	200178/S2		200178/S1		200178/B		200178/S		200178/C	
	mm²	Ø	mm²	Ø	mm²	Ø	mm²	Ø	mm²	Ø
Al	400	50	500	50	150	30	600	50	600	50
Cu	240	50	300	50	150	30	400	50	400	50
Flexible steel		12		12		10		12		
ACSR	please refer to separate table				70:10	11,7				
INOX 19 x 1		8		8						
Anchoring cable	7 x 3	Ø 9,5	7 x 2,6	Ø 8						
Cantenary					70:300	12:30				
Ri conductor	107	10	150	14			150	14		
Structural St. 235JR+AR		10		8		8				
Screws strength 8.8		8		8						
Piano wire		5								

Front cable cutter with eccentric drive

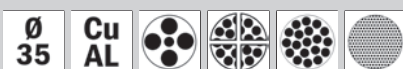
Art. no. 200131
Ø 35 mm, TL 330 mm

Very easy to use precision one-handed front cutter, excellent crush-free cutting quality even with fine wired cables, tried and tested and almost wear-free offset drive, rotation blade can be locked in any position, cutting range up to a diameter of 35 mm.

- One-handed cable cutter
- Dual needle-bearing offset lever 14 mm
- Particularly easy to move, thanks to reduction of friction on joint
- Considerable reduction of manual force
- Lever joint bolts, thickness 8 mm
- For the toughest of usage conditions
- Locking with a locking shaft
- Accidental opening of handles in tool case is prevented
- Transport handle play is fixed

Cu/Al wire multi wiring	240 mm ²	35 Ø
Cu/Al wire sector format	240 mm ²	35 Ø
Cu wire fine wiring	300 mm ²	35 Ø

Cu wire fine wiring or telecommunication cable	35 Ø
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Front cable cutter with eccentric drive

Art. no. 200151
Ø 55 mm, TL 485 mm

Easy to use two-handed front cutter with patented offset drive, excellent crush-free cutting quality even for large cross-sections, rotation blade can be locked in any position, cutting range up to a diameter of 55 mm.

- Two-handed cable cutter for armoured steel cable
- Dual needle-bearing offset lever 14 mm
- Particularly easy to move, thanks to reduction of friction on joint
- Considerable reduction of manual force
- Lever joint bolts, thickness 12 mm
- Extremely well reinforced version for particularly tough uses
- Locking with a locking shaft
- Accidental opening of handles is prevented
- Integrated toothed comb for cleaning in handle

Cu/Al wire multi wiring	550 mm ²	55 Ø
Cu/Al wire sector format	550 mm ²	55 Ø
Cu wire fine wiring	550 mm ²	55 Ø

Cu wire fine wiring or telecommunication cable	55 Ø
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Battery powered cable cutter „AS-52“

Art. no. 216434
Ø 52 mm

- for copper and aluminium cable, multi wire
- diameter up to 52 mm

Scope of delivery:

1 cutting tool, 1 quick charger, 1 battery 18V Li-Ion, 4 Ah, in plastic case

Video 216436



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Battery powered cable cutter „AS6-S20“

Cutting head can be rotated by 180°, manual return after the cut has been completed.

Scope of delivery: 1 cutting tool, 1 quick charger, 1 battery, 1 carry strap loop, in SysCon stacking box.

- Pressing force kN: 60 kN
- Working pressure in bar: 700
- Cutting width Ø: 20
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 2 Ah
- ACSR
- Sheet and wire armouring Cu
- Wire rope, bracing wire
- Soft rod steel
- Lead sleeve cable



Art. no. 216418

Ø 20 mm

Video 216418



Battery powered cable cutter „AS6-40“

Cutting head can be rotated by 180°, manual return, LED for battery control, 1 quick charger, 1 battery, carrying belt, for copper and aluminium cable.

The unit also has 2 white LED's to illuminate the respective work area.

Scope of delivery: 1 crimping tool, 1 quick charger, 1 battery, carrying belt in plastic case.

- Pressing force kN: 60
- Working pressure in bar: 700
- Cutting width Ø: 40
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. no. 216422

Ø 40 mm

Video 216422

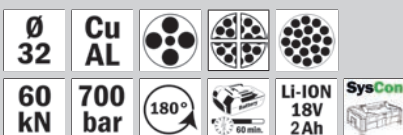


Battery powered cable cutter „AS6-S32“

For cutting Al/Cu cables, cutting head can be rotated by 180°, manual return after the cut has been completed.

Scope of delivery: 1 crimping tool, 1 quick charger, 1 battery, 1 carry strap loop, in SysCon stacking box.

- Pressing force kN: 60 kN
- Working pressure in bar: 700
- Cutting width Ø: 32
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 2 Ah



Art. no. 216419

Ø 32 mm

Video 216419



Battery powered cable cutter „SAS6-85“

Cutting head can be rotated by 180°, manual return, LED for battery control, 1 quick charger, 1 battery, carrying belt, for copper and aluminium cable, telephone cable. The unit also has 2 white LED's to illuminate the respective work area.

Scope of delivery: 1 crimping tool, 1 quick charger, 1 battery, carrying belt in plastic case.

- Pressing force kN: 60
- Working pressure in bar: 700
- Cutting width Ø: 85
- Armoured steel cable
- Battery charging time in minutes: 120
- Battery type: Li-Ion, 18 V, 4 Ah



Art. no. 216430

Ø 85 mm

Video 216430





Automatic cable stripper

- For stripping fine wires and solid cables 0.08 – 6 mm²
- Automatic setting to the cross-section
- Integrated side cutter of up to 6 mm²
- With stripping lengthwise stop

Art. no. 211930
0.08 – 6 mm²

Art. no. 211932
6 – 16 mm²



Automatic cable stripper

- For stripping fine wires and solid cables 0.03 – 10 mm²
- Automatic setting to the cross-section
- Integrated side cutter of up to 10 mm²
- With stripping lengthwise stop

Art. no. 211934
0.03 – 10 mm²



Automatic cable stripper

- For stripping fine wires and solid cables 0.08 – 2.5 mm²
- Stripping length, maximum 15 mm
- Automatic setting to the cross-section
- Integrated side cutter of up to 6 mm²
- With stripping lengthwise stop

Art. no. 211928
0.08 – 2.5 mm²



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Cable stripping knife

Art. no. 200040
Ø 8 - 28 mm

- For removing the sleeve from all current round cables
- Blades, titanium nitride coated, thanks to the higher cutting speed
- Lower wear, increased durability
- Cutting depth can be adjusted using the setting screw on the end of the handle
- Automatic adjustment to round and lengthwise cuts
- Handle security thanks to soft component insert on the bar and handle
- Titanium nitride coated replacement blade in the housing
- Housing made from high-quality, hard wearing polyamide
- TÜV / GS tested



Precision stripper PWS Plus

Art. no. 200033
Ø 0,25 - 0,8 mm²

Light and handy mini-precision stripping tool for stripping conductors and strands AWG 30 to 20, especially suitable for conductors with PVC, Teflon, KYNAR, TEFZEL, MYLAR outdoor insulations. For applications in electronics, computer and network technology, alarm and bell systems, wirewrapping, telecommunications, data communication, modeling.

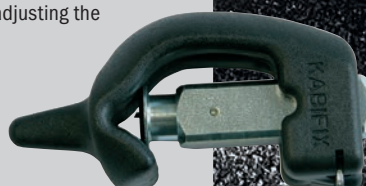
- Stripping area adjustable in steps
Ø 0,25-0,30-0,40-0,50-0,60-0,80 mm
AWG 30 (0.25 mm² Ø) to AWG 20 (0.8 mm² Ø)
- Including adjustable length stop
- With cutting device for wires up to Ø 1.00 mm
- TÜV / GS tested



Cable stripper „Kabifix“

Art. no. 200022
Ø 6 - 28 mm

- For cutting opening and stripping cables from Ø 6 - 25 mm
- Longitudinal and round cut (swivel lever)
- Ø 6 - 28 mm • NYY 4 - 16 mm² • NYM 5 - 16 mm²
- Coaxial and bell round cable
- Isoflex and PVC piping maximum Ø 25 mm
- Interior adjustment screw for adjusting the cutting depth
- Exchangeable blades



Cable stripper „Kabifix LWL“

Art. no. 200023
Ø 6 - 25 mm

- For cutting opening and stripping fibre-optic and coaxial cables from Ø 6 - 25 mm
- Longitudinal and round cut (swivel lever)
- Interior adjustment screw for adjusting the cutting depth
- Exchangeable blades



Cable stripper, manual optical fibre

Art. no. 200057
0 - 0,18 mm²

Multi-functional tool for fibre optic cables.

- For slicing open and cutting cables
- Cutting depth can be set
- Specially designed for use with fibre optic cables (outer sleeves and buffer)
- With handle lock



Stripper „All-rounder“

Art. no. 200050
4 - 15 mm²

Ø 4 - 15 mm | 5/32" - 19/32" max 15 mm 19/32" width. Stripper for round and flat cables. A tool with a various range of applications from building services to industrial use.

Working range: Round cables 4 - 15 mm Ø e.g. energy-, control-, halogenfree installations-, data-, coaxial cables. Flat cables max. 15mm width e.g. NYM-J.

Extra blade for longitudinal cut. 2 stripping notches with length stop for stripping conductors. The removable length stop is suitable for left and right hand use and can be stored in the tool handle.

Video 200050



Cable stripper ASI, automatic

Art. no. 210693
160 mm

For stripping AS interface cables with TPE/PUR exterior insulation. For use in connecting actuator-sensor interface components.

- Blade contour designed for use with the AS interface cable
- Strippers do not need to be set
- Any stripping length can be selected as needed
- Exchangeable blades
- TÜV / GS tested



Wire stripper Sensor Mini

Art. no. 210730
Ø > 3,2

The HAUPA Sensor Mini has a specially designed blade geometry with a working area as of 3.2 mm Ø for sensor cables with smaller cross-sections.

- Automatic wire strippers for stripping combination wires for connecting sensor actuators, distribution boxes/bus couplings
- Any length can be stripped
- No need to make setting to the cable cross-section
- Blades can be replaced
- TÜV/GS tested



Wire stripper sensor special

Art. no. 210729
Ø 4,4 - 7 mm

Automatic stripper for stripping combination cables for connection of sensor actuators, distribution boxes/bus couplings. For stripping halogen-free screened or unscreened sensor actuator cables with PUR or PVC exterior sleeve and a cable construction with 3 to 8 cores.

- .g. sensor cable 3 x 0.34 mm² unscreened up to 8 x 0.25 mm² screened
- Any stripping length
- Cable cross-section does not need to be set
- Exchangeable blades
- TÜV / GS tested



Cable stripper Outlet 20/55

Art. no. 210697
55 mm, 160 mm

Article number 210697

- For stripping round cable Ø 7.5 to 9 mm
- Insulation thickness of cable maximum 1.2 mm
- Ideal for processing NYM cables 3 x 1.5 mm to 5 x 1.5 mm²
- Compatible with the Cable Outlet laying system from OBO Bettermann or R & M

Article number 210699

- For stripping round cable Ø 7.5 to 9 mm
- Insulation thickness of cable maximum 1.65 mm
- Ideal for processing NYM cables 3 x 1.5 mm to 5 x 1.5 mm²
- Coaxial cable, screened or unscreened measuring control and control cables

Suitable for connecting potential equalising, screened connection system or grounding clips.



Art. no. 210699
20 mm, 160 mm

Complete assembly case sleeve cutter for medium-high voltage cable

Art. no. 200522
35 - 500 mm²

Content:

- Sleeve cutter
- Plastic prism
- Stripping device
- Silicone paste
- Edge cutter
- Key for changing blades



Cable sheath cutter

Art. no. 110567
Ø > 25 mm

for removing all insulating layers from cables with diameters as of 25 mm.

- Replaceable dual blade
- Cutting depth can be set
- Suitable for lengthwise and circular cuts



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Socket set

1/4"

Art. no. 110674

33 pcs., 1/4"

chrome vanadium steel, industrial quality GS tested,
black plastic case with metal catch with metal catch.

Contents: 1/4"

12 sockets:

4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

1 ratchet handle

2 gears with quick release function

1 flexible extension bar

2 extension bars 50 & 100 mm

1 universal joint

1 sliding adapter 3/8" x 1/4" for extension bar work
as T handle

1 spinner handle for screwdriver

14 insert bit socket PH: 1 - 2 - 3

HX: 3 - 4 - 5 - 6 - 8, TX: 10 - 15 - 20 - 25 - 27 - 30



Socket set

1/2"

Art. no. 110677

25 pcs., 1/2"

chrome vanadium steel, industrial quality GS tested,
black plastic case with metal catch.

Contents: 1/2"

20 sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 -

19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm

1 ratchet handle, 72 gears with quick release function

1 extension bar, safety locking type 250 mm

1 extension bar 125 mm,

1 sliding T-bar 300 mm,

1 universal joint,

1 sliding adapter 3/8" x 1/2" for extension bar
work as T handle



Socket set

1/4" 1/2"

Art. no. 110678

53 pcs., 1/4" + 1/2"

chrome vanadium steel, industrial quality GS tested,
black plastic case with metal catch with metal catch.

Contents: 1/4"

12 sockets

4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

1 ratchet handle

1 universal joint

1 sliding adapter 3/8" x 1/4" for extension bar work
as T handle

2 extension bars 50 + 150 mm

1 spinner handle for screwdriver

12 insert bit sockets: PH: 1 - 2

HX: 3 - 4 - 5 - 6

FD: 5.5 - 7

TX: 20 - 25 - 27 - 30

5 Hex keys: 1.25 - 1.5 - 2.0 - 2.5 - 3.0 mm

Contents: 1/2"

13 sockets 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 -

24 - 27 - 30 - 32 mm

1 ratchet handle

2 extension bars 75 + 250 mm

1 sliding adapter 3/8" x 1/2" for extension bar work
as T handle

2 plug sockets

1 universal joint



Socket set

3/8"

Art. no. 110676

26 pcs., 3/8"

chrome vanadium steel, industrial quality GS tested,
black plastic case with metal catch.

Contents: 3/8"

18 sockets: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 -

16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm

1 ratchet handle, 72 gears with quick release function

1 universal joint

1 sliding adapter 1/2" x 3/8" for extension bar work as
T handle

2 spark plug sockets 16 & 21 mm

3 extension bars 20 - 75 - 150 mm



All parts of the socket sets
also loose available!

“Work by manufacturer specifications - precise and safe with torque screwdriver”

„VarioTQ“ 1000 V dynamometric screwdriver | replaceable blades

VarioTQ

Insulated replaceable blade made from molybdenum vanadium steel, hardened, blasted, with hexagonal shaft, in robust nylon bag (with belt loop and hook and loop closure).

- torque can be set using a separate key
- scale value can easily be read off
- clearly perceptible and audible signal when the set torque is achieved
- torque accuracy according to EN ISO 6789:2013-10

Contents: 12 pcs.

- 2-component exchangeable handle (1000 V) 1 - 6 Nm
- slotted 0,4 x 2,5 / 0,5 x 3,0 / 0,8 x 4,0 / 1,0 x 5,5 / 1,2 x 6,5
- PH0 / PH1 / PH2 or PZ0 / PZ1 / PZ2
- PZ/FL 1
- PZ/FL 2
- Square socket key

Art. no. 102700
Phillips, 1 - 6 Nm

Art. no. 102700/PZ
Pozidriv, 1 - 6 Nm



Video 102700



„VarioTQ“ 1000 V dynamometric screwdriver | replaceable blades

VarioTQ

Insulated replaceable blade made from molybdenum vanadium steel, hardened, blasted, with hexagonal shaft, in robust nylon bag (with belt loop and hook and loop closure).

- torque can be set using a separate key
- scale value can easily be read off
- clearly perceptible and audible signal when the set torque is achieved
- torque accuracy according to EN ISO 6789:2013-10

Contents: 11 pcs.

- 2-component exchangeable handle (1000 V) 1 - 6 Nm
- HEX 2 - 3 - 3,5 - 4 - 4,5 - 5 - 5,5 mm
- PZ/FL 1
- PZ/FL 2
- Square socket key

Art. no. 102704
Hex, 1 - 6 Nm



„VarioTQ“ 1000 V dynamometric screwdriver | replaceable blades

VarioTQ

Insulated replaceable blade made from molybdenum vanadium steel, hardened, blasted, with hexagonal shaft, in robust nylon bag (with belt loop and hook and loop closure).

- torque can be set using a separate key
- scale value can easily be read off
- clearly perceptible and audible signal when the set torque is achieved
- torque accuracy according to EN ISO 6789:2013-10

Contents: 11 pcs.

- 2-component exchangeable handle (1000 V) 1 - 6 Nm
- TX 8 - 9 - 10 - 15 - 20 - 25 - 30 or TX 8 - 9 - 10 - 15 - 20, HEX 4 - 5
- PZ/FL 1
- PZ/FL 2
- Square socket key

Art. no. 102702
Tx, 1 - 6 Nm



„VarioTQ“ dynamometric screwdriver | replaceable blades

VarioTQ

replaceable dual blades made from molybdenum-vanadium steel, sanded blade, hardened, blast-finished, chrome plated with black point, with hexagonal shaft, in robust nylon bag (with belt loop and hook and loop closure), 10 replaceable blades (20 profiles)

Contents: 12 pcs.

- 2-component exchangeable handle 1 - 6 Nm
- slotted 3/4 - 5,5/6,5
- PH0/PH1
- PZ0/PZ1
- PH2/PZ2
- TX 10/15 - 20/25
- HEX 2/3 - 4/5
- PZ/FL1
- PZ/FL2
- Square socket key

Art. no. 103000
Mix, 1 - 6 Nm

Video 103000



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Torque wrenches

TQ 1/4"

Art. no. 110607
5 – 25 Nm, 1/4"

- With built-in changeover ratchet, accuracy +/- 3%,
- Material: Chrome-Vanadium steel DIN-3122; ISO 6789
- Measuring range from 5 – 25 Nm
- Drive 1/4"
- With viewing window display and locking mechanism
- Easy to read scale
- In impact-proof storage box



Torque wrenches

TQ 3/8"

Art. no. 110608
20 – 120 Nm, 3/8"

- With built-in changeover ratchet, accuracy +/- 3%
- Material: Chrome-Vanadium steel DIN-3122; ISO 6789
- Measuring range from 21 – 119 Nm
- Drive 3/8"
- With viewing window display and locking mechanism
- Easy to read scale
- With storage case



Torque wrenches

TQ 1/2"

Art. no. 110610
20 – 120 Nm, 1/2"

- With built-in changeover ratchet, accuracy +/- 3%,
- Material: Chrome-Vanadium steel DIN-3122; ISO 6789
- Measuring range from 20 – 120 Nm
- Drive 1/2"
- With viewing window display and locking mechanism
- Easy to read scale
- In impact-proof storage box



Torque wrenches

TQ 1/2"

Art. no. 110609
42 – 210 Nm, 1/2"

- With built-in changeover ratchet, accuracy +/- 3%,
- Material: Chrome-Vanadium steel DIN-3122; ISO 6789
- Measuring range from 42 – 210 Nm
- Drive 1/2"
- With viewing window display and locking mechanism
- Easy to read scale
- In impact-proof storage box



Locked torque wrench 1000 V

TQ

Reversible ratchet system, fixed factory-provided valve, possible valve between 5-27 Nm, valve must be indicate before delivery, full insulated, 2-coloured coating-insulation - inside yellow/outside red. **Torque must be specified when ordering!**

1000 V IEC 60900:2012



- Measuring range from 5 – 27 Nm • 280 mm

3/8"

Art. no. 300310/EN
280 mm

- Measuring range from 5 – 27 Nm • 280 mm

1/2"

Art. no. 300312/EN
280 mm

Torque wrenches 1000 V

TQ

- With built-in changeover ratchet, accuracy +/- 3%,
- Full insulated, 2-coloured coating-insulation - inside yellow/outside red
- With viewing window display and locking mechanism
- Easy to read scale

1000 V IEC 60900:2012



- Measuring range from 2 – 12 Nm • 200 mm

1/4"

Art. no. 110812
200 mm

- Measuring range from 5 – 25 Nm • 200 mm

1/4"

Art. no. 110813
200 mm

- Measuring range from 5 – 25 Nm • 200 mm

3/8"

Art. no. 110055/EN
200 mm

- Measuring range from 5 – 25 Nm • 280 mm

3/8"

Art. no. 110056/EN
280 mm

- Measuring range from 5 – 50 Nm • 370 mm

3/8"

Art. no. 110065/EN
370 mm

- Measuring range from 2 – 27 Nm • 280 mm

1/2"

Art. no. 110058/EN
280 mm

- Measuring range from 5 – 50 Nm • 370 mm

1/2"

Art. no. 110066/EN
370 mm

- Measuring range from 20 – 100 Nm • 460 mm

1/2"

Art. no. 110067/EN
460 mm

- Measuring range from 60 – 220 Nm • 530 mm

1/2"

Art. no. 110068/EN
530 mm



SysCon torque socket set „Torque“ 1/4"

1/4" socket set, chrome vanadium steel, industrial quality GS tested, in stackable ABS plastic box SysCon.

Contents:

- 1 220370 ABS plastic box "SysCon S"
- 12 sockets 1/4"
 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 5 sockets 1/4" Tx, long version T20, T25, T27, T30, T40
- 4 sockets 1/4" Hex, long version 4, 5, 6, 8 without hole
- 2 extension bar 1/4", 50 and 150 mm
- 1 adapter 3/8" x 1/4" for extension bar work as T-handle
- 1 universal joint 1/4"
- 1 bit adapter 1/4"
- 1 reversible ratchet 1/4"
- 1 torque wrenches 1/4", 5 - 25 Nm
- 1 ratchet screwdriver "Flex"
- 2 adapter 50 and 80 mm
- 4 bits 1/4" 50 mm PH 0 - 1 - 2 - 3
- 4 bits 1/4" 50 mm PZ 0 - 1 - 2 - 3
- 2 bits 1/4" 50 mm PZ/FL 1 - 2
- 4 bits 1/4" 50 mm SQ 3 - 4 - 5 - 6 mm
- 6 bits 1/4" 50 mm hexagonal
 - 2 - 2.5 - 3 - 4 - 5 - 6



SysCon

Art. no. 220640
51 pcs., 1/4"

SysCon torque socket set „Torque“ 1/2"

1/2" socket set, chrome vanadium steel, industrial quality GS tested, in stackable ABS plastic box SysCon.

Contents:

- 1 220370 ABS plastic box "SysCon S"
- 17 sockets 1/2" 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm
- 5 sockets 1/2" Tx, long version T30, T40, T45, T50, T55
- 4 sockets 1/2" Hex, long version 8, 10, 12, 14 without hole
- 2 extension bar 1/2", 75 and 250 mm
- 1 adapter 3/8" x 1/2" for extension bar work as T-handle
- 1 universal joint 1/2"
- 1 reversible ratchet 1/2"
- 1 torque wrenches 1/2", 21 - 119 Nm



SysCon

Art. no. 220642
32 pcs., 1/2"

Standard socket set „SocketMax“ 1/4" + 1/2"

chrome vanadium steel, industrial quality GS tested, in stackable ABS plastic box SysCon.

Contents:

- 1 220370 ABS plastic box „SysCon S"
- 12 sockets 1/4" 4-4.5-5-5.5-6-7-8-9-10-11-12-13 mm
- 2 extensions 1/4" 50 - 150mm
- 1 adapter 3/8" x 1/4" for sliding handle
- 1 kardanjoint 1/4"
- 1 bit adapter 1/4"
- 1 reversible ratchet 1/4"
- 13 sockets 1/2" 10-11-12-13-14-15-17-19-22-24-27-30-32 mm
- 2 extensions 1/2" 75 - 250 mm
- 1 adapter 3/8" x 1/2" for sliding handle
- 1 kardanjoint 1/2"
- 1 reversible ratchet 1/2"
- 1 ratchet screwdriver „Flex"
- 2 adapter 50 - 80 mm
- 2 bit 1/4" 50 mm PZ/FL 1 - 2
- 4 bit 1/4" 50 mm PH 0 - 1 - 2 - 3
- 4 bit 1/4" 50 mm SL 3 - 4 - 5 - 6 mm
- 4 bit 1/4" 50 mm PZ 0 - 1 - 2 - 3
- 6 bit 1/4" 50 mm hexagon 2 - 2.5 - 3 - 4 - 5 - 6



SysCon

Art. no. 220600
55 pcs., 1/4+1/2"

haupa®

... convincing solutions

High leverage = perfected cutting force performance

(High leverage pliers offer power saving of up to 50 %)

Side cutters DIN ISO 5749 VDE

swedish pattern, high alloyed carbon steel, oil-hardened, C 60, cutting edges induction hardened, for soft and hard wire, chrome plated, sheathed handles, **leveraged, perfected cutting force performance.**



Art. no. 211204
VDE, 160 mm

Side cutting pliers with stripping function

swedish design, power class H, C 60, oil-hardened, induction hardened blades, for hard and soft wire, chrome plated, push-on grips. Aside from their traditional advantages, these side cutting pliers also possess an additional wire stripping function.



Art. no. 211203
VDE, 160 mm

Heavy duty side cutters DIN ISO 5749 VDE

C 60, cutting edges induction hardened, chrome plated, sheathed handles, **leveraged, perfected cutting force performance.**



Art. no. 211219
VDE, 200 mm

Combination pliers DIN ISO 5746 VDE

german pattern, comfort grip, alloyed carbon steel, C 45, oil-hardened, cutting edges induction hardened, for soft and hard wire, chrome plated, sheathed handles, **leveraged, perfected cutting force performance.**



Art. no. 211200
VDE, 180 mm

Long chain nose pliers DIN ISO 5745 VDE, 45°

with side cutter, 45° angled nose, C 45, oil-hardened, cutting edges induction hardened, for soft and hard wire, chrome plated, sheathed handles, **leveraged, perfected cutting force performance.**



Art. no. 211210
VDE, 45°, 160 mm

Pliers set VDE

with VDE-safety-isolation, best quality, pliers chrome plated, 4-pieces.

Contents:

- Combination pliers 180 mm
- Side cutter 160 mm
- Long chain nose pliers 200 mm
- Wire stripping pliers 160 mm



Art. no. 220123
4 pcs.



2-component VDE screwdrivers set

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated, 6-pieces.

Contents: VDE Electricians' screwdriver 2,5 x 75 mm, 4 x 100 mm, 5,5 x 125 mm, 6,5 x 150 mm, VDE cross slotted screwdrivers Phillips or Pozidriv size 1 and 2



Art. no. 101999
6 pcs.

Art. no. 101999/PZ
6 pcs.



VDE 2-component screwdriver with PZ slot profile

Specifications and advantages of the PZ/FL profile.

The PZ/FL profile can only be used for combination screws that were previously screwed with a slot or recessed head PZ type screwdriver. The screws have an inner PZ profile with an additional cross slot that also allows it to be screwed with a slot screwdriver.

Area of application for PZ/FL profile

The screws are mainly used in electrical installation in automatic circuit breakers and safety switches.



Art. no. 101870
5,0 x 80, size 1

Art. no. 101872
6,0 x 100, size 2



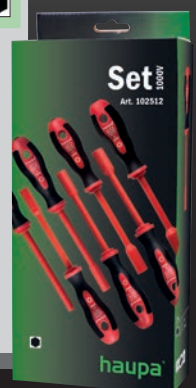
2-component VDE socket wrenches set DIN 7445

with 2 component handle made from PP/TPE material, blade made from molybdenum vanadium steel, hardened, blasted, routine checked, insulated.

Contents: 1 piece each 5 - 5,5 - 7 - 8 - 10 - 11 - 13 mm



Art. no. 102512
7 pcs.



HUPcompact „HC01”



for insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **oval pressing**



Art. no. 213090

0,1 - 6,0 mm²



HUPcompact „HC02”



for end sleeves, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **trapezoidal pressing**, (10 + 16 mm² wave profile/ 0.5-6 mm² trapezoidal profile)



Art. no. 213088

0,25 - 16,0 mm²



HUPcompact „HC03”



for non insulated cable lugs and connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, **mandrel shape pressing**



Standard



Art. no. 213092

0,75 - 10,0 mm²



HUPcompact „HC04”



for open brass tab connectors, 100% parallel crimp, precision crimp, handle force: 5 kN, small compact construction, life span: 50,000 crimp cycles, with locator, **roll pressing**



Art. no. 213094

0,5 - 6,0 mm²



Video HUPcompact

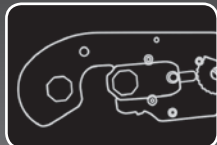


50,000 crimp cycles
100% parallel crimp

Crimping



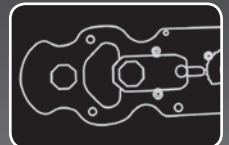
Tool frame
without crimpstar



Art. no. 213078
open type



Tool frame
without crimpstar



Art. no. 213079
enclosed type

Crimpstars for tool frames

HUPstar Art. no. 213086 pliers with crimpstar

End sleeves 0,5 - 10 mm²
Insulated terminals 0,1 - 6 mm²
Ring cable lugs (DIN 46234 / DIN 46341) 0,25 - 10 mm²



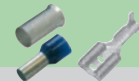
Art. no. 213086/E only

DIN 46234
DIN 46341



HUPstar Art. no. 213080 pliers with crimpstar

End sleeves 0,14 - 16 mm²
& Socket sleeves 0,14 - 6 mm²



Art. no. 213080/E only crimpstar



HUPstar „Coaxial“ Art. no. 213082 pliers with crimpstar

Coaxial
BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1,07 - 10,9 mm



Art. no. 213082/E only crimpstar



HUPstar „Photovoltaik“ Art. no. 213084 pliers with crimpstar

Photovoltaik / Solar
Amphenol Helios H4, Multi-Contact MC3/ MC4 2,5 - 6,
Tyco Solarlok, 1,5 - 4,6 mm²



Art. no. 213084/E only crimpstar



HUPstar „fibre optic“ LWL Art. no. 213098 pliers with crimpstar

Fibre optic connectors
1.69; 2.5; 3; 3.25; 3.65; 4.2; 4.52; 4.95; 5; 6.5; 10.9



Art. no. 213098/E only crimpstar



HUPstar „turned contacts“

Turned contacts, square
0,1; 0,14; 0,25; 0,34; 0,5 1; 1,5; 2,5; 4; 6; 10
Locator for Ø 1,6; 2,5; 4



Art. no. 213102 pliers with crimpstar

Art. no. 213102/E only crimpstar



HUPstar Art. no. 213100 pliers with crimpstar

Art. no. 213100/E only crimpstar

Automotive contacts
Hirose DF1B-2428SC UL1007
stranded wire

Hirose DF1B-2428PC UL1007
stranded wire 0,08; 0,14; 0,25

Hirose DF1B-30SC UL1007
stranded wire

Hirose DF1B-30PC UL1007
stranded wire 0,05

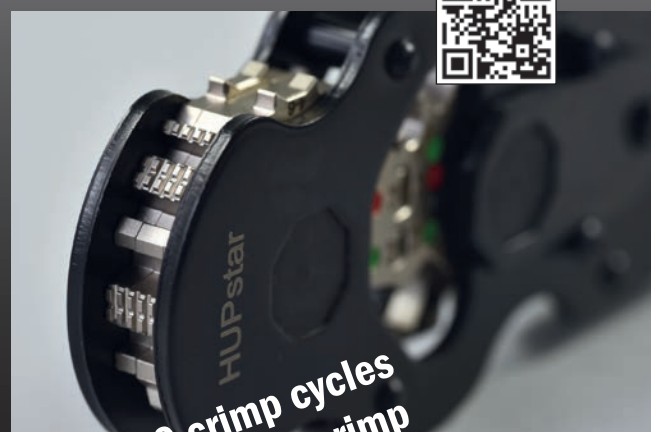
Hirose DF1B-2022SC, Hirose DF1B-2022PC
0,34; 0,50



automotive



Video HUPstar



50,000 crimp cycles
100% parallel crimp

haupa®

... convincing solutions

Crimping pliers for end sleeves



Art. no. 211816
0,08 – 16 mm²

for end sleeves, precise crimping profile, automatic setting to the conductor crossection, unlockable forced lock, guarantees connections that meet DIN, high transmission and ergonomically shaped plastic handles for fatigue free working.

Art. no. 211818
0,08 – 10 mm²

211816 square pressing 0.08 - 16 mm²
211818 hexagon pressing 0.08 - 10 mm²

- for thinned compacted conductors



Front-Crimping pliers



Art. no. 211810
0,08 – 16 mm²

for end sleeves, precise square crimping profile, automatic adjustment on wire diameter, frontal approach allows working in small areas, sidewise approach for end sleeves up to 2.5 mm², with locking device, high transmission and ergonomically formed plastic handle, **square pressing**

- for thinned compacted conductors



Crimping pliers



Art. no. 210788
10 – 50 mm²

Art. no. 210789
50 – 95 mm²

for end sleeves, lever translated version for better transmission of force, with unlockable locking mechanism, **trapezoidal pressing**.

Wave form, also for thinned compacted conductors.

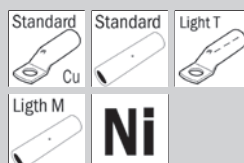


Crimping pliers



Art. no. 210830
0,75 – 16 mm²

Lever translated version for better transmission of force, with **mandrel pressing, for standard tubular cable lugs and connectors**. Particularly well suited to nickel tubular cable lugs and connectors



„Quadro“ complete set in case



Art. no. 210682
0,5 - 2,5 mm²

for end sleeves, in shock-proofed plastic case.

1 „Quadro“-pliers with magazine
Integration of four functions for precise crimping of
connector sleeves from tapes, 0,5 - 2,5 mm Ø.
With integrated side cutter.

- Stripping: 0,5 - 2,5 mm Ø
- Twisting: 0,5 - 2,5 mm Ø
- Cutting: cables and cords 0,5 - 2,5 mm Ø
- Crimping:
trapezoidal pressing
0,5 - 2,5 mm Ø

2 exchangeable cartridges for
end sleeves in tape form



Video 210682/1



Crimping pliers

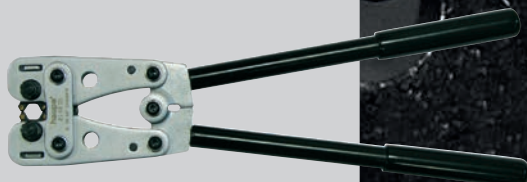


for cable lugs, with built-in rotatable profile disk,
hexagon pressing

Art. no. 210805
standard
6 - 50 mm²

Art. no. 210805 K
DIN 6 - 50 mm²

Video 210805



Crimping pliers



for cable lugs, with built-in rotatable profile disk,
hexagon pressing

Art. no. 210850
standard
10 - 120 mm²

Art. no. 210853
DIN 10 - 120 mm²



haupa

... convincing solutions

Battery powered crimping tool „S0-6M“

Sensor

Art. no. 216801/M
383 x 75 mm

Hydraulic for interchangeable dies, crimping head can be rotated by 180°, head can be opened, manual return flow after perfect pressure.

Extent of supply:

1 crimping tool
1 charger
1 battery
1 strap
in SysCon stacking box „SysCon M“ 220372 without dies.

- Pressing force in kN: 60 kN
- Working pressure in bar: 700
- Head can be opened
- Opening/ Hub: 17 mm
- Pressing width: slim
- Pressing time, battery-operated in seconds: ca. 5
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 2 Ah
- Cable lugs:
standard Cu 6-300 • DIN Cu 6-300 • DIN Al 16-240
- Connectors:
Cu 6-300 • DIN Cu 6-300 • DIN Al 16-240

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred:

- Light is green: Pressing completed as standard, motor stopped.
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

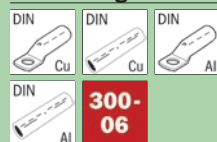
The device also has 1 white LED designed to illuminate the working area.



Video 216801/M



Dies for lugs and connectors DIN



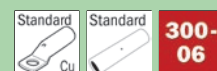
Hexagonal type



Art. no.	Cu	Al	Id.	Pressing width	kg	PU
216832	6	-	5	5	0,123	1
216834	10	-	6	5	0,122	1
216836	16	-	8	5	0,125	1
216838	25	-	10	5	0,120	1
216840	35	16 - 25	12	5	0,120	1
216842	50	35	14	5	0,119	1
216844	70	50	16	5	0,120	1
216846	95	70	18	5	0,120	1
216848	120	-	20	5	0,120	1
216850	150	95 - 120	22	5	0,120	1
216852	185	150	25	5	0,120	1
216854	240	185	28	5	0,115	1
216856	300	240	32	5	0,120	1

Dies for lugs and compacted conductors

for standard tube terminals and compacted conductors, WM type



Art. no.	mm ²	Pressing width	kg	PU
216806/V	6	5	0,136	1
216808/V	10	5	0,136	1
216810/V	16	5	0,136	1
216812/V	25	5	0,135	1
216814/V	35	5	0,135	1
216816/V	50	5	0,134	1
216818/V	70	5	0,132	1
216820/V	95	5	0,132	1
216822/V	120	5	0,130	1
216824/V	150	5	0,128	1
216826/V	185	5	0,125	1
216828/V	240	5	0,121	1
216830/V	300	5	0,118	1

Dies for end sleeves

for endsleeves and thinned compacted conductors, wave type

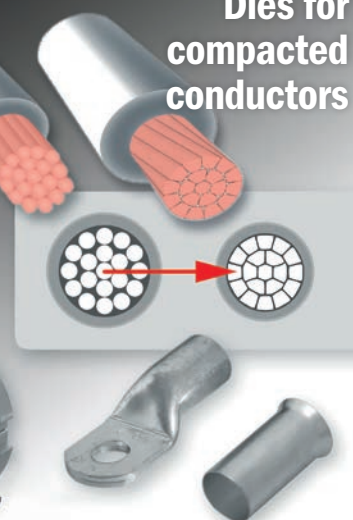


Art. no.	mm ²	Pressing width	kg	PU
216950	6	21	0,120	1
216952	10	21	0,120	1
216954	16	21	0,120	1
216956	25	21	0,120	1
216958	35	21	0,120	1
216960	50	21	0,120	1
216962	70	21	0,120	1
216964	95	21	0,120	1
216966	120	21	0,120	1
216968	150	21	0,120	1
216970	185	21	0,120	1
216972	240	21	0,120	1

**300-06
400-C12**

**Dies for
compacted
conductors**

WM pressing



Battery powered dieless crimping tool „SD400-6M“

Sensor

Art. no. 216667/M
455 x 75 mm

Crimping head can be rotated by 360°, manual return flow after perfect pressure, mandrel shape pressing, no inserts required.

Extent of supply:

1 crimping tool, 1 charger, 1 battery, 1 strap, in SysCon stacking box „SysCon M“ 220372.

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Cable lugs: standard Cu 25-400
- Connectors: standard Cu 25-400
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 60
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight in kg: 2,4

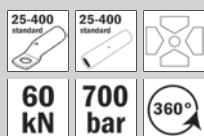
With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred:

- Light is green: Pressing completed as standard, motor stopped.
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

The device also has 1 white LED designed to illuminate the working area.



Video 216667/M



Battery powered dieless crimping tool „SDE240-6M“

Sensor

Art. no. 216669/M
455 x 75 mm

Crimping head can be rotated by 180°, manual return flow after perfect pressure, mandrel shape pressing, no inserts required.

Extent of supply:

1 crimping tool, 1 charger, 1 battery, 1 strap, in SysCon stacking box „SysCon M“ 220372.

- Pressing force in kN: 60
- Working pressure in bar: 700
- Pressing width: thorn
- Cable lugs: standard Cu 10-240
- Connectors: standard Cu 10-240
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 60
- Battery type: Li-Ion, 18 V, 2 Ah
- Weight in kg: 2,4

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred:

- Light is green: Pressing completed as standard, motor stopped.
- Light is orange: Battery voltage not sufficient
- Light is red: Pressing interrupted before completed

The device also has 1 white LED designed to illuminate the working area.



Video 216669/M



Hydraulic hand-punching tool „HS-8“ inclusive punching dies metric

Art. no. 217604/M
4 x dies metric

Punches precise holes with almost no burring. Ideal for fast, frontal punching of control panels.

Extent of supply:

1 hydraulic hand punch
1 connecting rod 3/8-24 UNF (article no. 217660)
1 connecting rod 3/4-16 UNF (article no. 217662)
1 adapter (article no. 217664)
1 spacer bushing (article no. 217666)
1 transport case

- Punching performance:
Steel sheet of up to a maximum of 3 mm
- Pressing force: 80 kN
- Length: 308 mm
- Weight: 2,4 kg
- Weight Set: 3,8 kg

4 punching dies metric:

1 217610 M16
1 217612 M20
1 217614 M25
1 217616 M32

80
kN



haupa®

... convincing solutions

Tubular cable lugs, standard series standard design for switchgear construction

HUPtype

- From tube, annealed material
- Surface: tin-plated
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- For stranded round shaped conductors e.g. DIN EN 60228 class 2
- For preround sector shaped conductors
- Vibration and shock proofing
DIN EN 61373:1999-11, Cat. 1, Cl. B

Cu



Brunel
access to excellence

mm²	M5	M6	M8	M10	M12	M14	M16	M20
6	290932	290934	290936					
10	290938	290940	290942	290944	290946			
16	290948	290950	290952	290954	290956			
25		290958	290960	290962	290964			
35		290966	290968	290970	290972		290974	
50		290976	290978	290980	290982		290984	
70		290985	290986	290988	290990	290991	290992	
95			290994	290996	290998	290999	291000	291002
120			290004	290006	290008	290009	290010	290012
150				290014	290016	290017	290018	290020
185					290022	290023	290024	290026
240					290028	290029	290030	
300					290034	290036	290038	290040
400							290046	290048

Tubular cable lugs for fine-wired, high flexible conductors

F-type

- From tube, annealed material
- Surface: tin-plated, larger inside diameter
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- With inspection hole
- Cable class 5/6
- We recommend crimping with mandrel for extra compression.

Cu



mm²	M6	M8	M10	M12	M16	M20
10	290250	290252	290254	290256		
16	290258	290260	290262	290264		
25	290266	290268	290270	290272		
35		290276	290278	290280		
50		290282	290284	290286	290288	
70		290290	290292	290294	290296	
95			290300	290302	290304	
120			290306	290308	290310	
150				290316	290318	290320
185				290322	290324	290326
240				290328	290330	290332
300				290334	290336	290338

Butt connectors, standard series

HUPtype

- From tube, annealed material
- Surface: tin-plated
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- For stranded conductors e.g. DIN EN 60228 class
- For preround sector shaped conductors
- Easy handling thanks to cablestop
- For processing of flexible conductors we recommend our battery powered crimping tool 216669.

Cu



mm²		mm²		mm²	
0,75	291050	16	291062	120	291074
1,5	291052	25	291064	150	291076
2,5	291054	35	291066	185	291078
4	291056	50	291068	240	291080
6	291058	70	291070	300	291082
10	291060	95	291072	400	291084

Butt-connector for fine stranded high flexible conductors

F-type

- From tube, annealed material
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- Surface: tin-plated, larger inside diameter
- Cable class 5/6
- We recommend crimping with mandrel for extra compression.

Cu



mm²		mm²		mm²	
10	290350	95	290362	400	290374
16	290352	120	290364		
25	290354	150	290366		
35	290356	185	290368		
50	290358	240	290370		
70	290360	300	290372		



Cable lugs acc. to DIN 46235

DIN

Cu

- Surface: tin-plated, annealed material
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- For round conductors (for example VDE 0295 cl. 1, 2, 5 + 6)
- With marks for correct crimping
- Ident no. number for unambiguous tool allocation
- For preround sector shaped conductors
- Acc. to DIN
- In processing of thinned conductors we use sleeves for compacted conductors.



mm²	M5	M6	M8	M10	M12	M16	M20
6		290404	290406				
10	290408	290410	290412	290414			
16		290416	290418	290420	290422		
25		290424	290426	290428	290430		
35		290432	290434	290436	290438		
50			290440	290442	290444	290446	
70			290448	290450	290452	290454	
95				290456	290458	290460	
120				290462	290464	290466	290468
150				290470	290472	290474	290476
185				290478	290480	290482	290484
240					290486	290488	290490
300						290492	290494
400						290496	290498

Al compression cable lugs acc. to DIN 46329 for strain relief connections, longitudinally sealed/oil stop

DIN

Al

- Material: E-Aluminium
- Extruded version
- For strain relief connections of Al conductors acc. to DIN EN 60228
- Al ropes acc. to DIN EN 50182
- For preround sector shaped conductors
- Surface: bare
- With marks for correct crimping
- Including contact grease



mm² rm/sm*	mm² se*	M10	M12	M16	M20
35	50	292770	292772		
50	70	292774	292776		
70	95	292778	292780		
95	120	292782	292784		
120	150		292786	292788	
150	185	292790	292792	292794	
185	240	292796	292798	292800	
240	300		292802	292804	292806
300			292808	292810	292812
400			292814	292816	292818
500			292820	292822	292824

* rm = round stranded, sm = Sector-shaped multi-wire, se = Sector-shaped single-wire solid

Compression joints acc. to DIN 46267, Part 1

DIN

Cu

- Surface: tin-plated, annealed material
- Material: 99.9% electrolytic copper E-CU DIN 40500 (EN 13600)
- For round conductors (for example VDE 0295 cl. 1, 2, 5 + 6)
- With marks for correct crimping
- Ident no. number for unambiguous tool allocation
- For preround sector shaped conductors • Acc. to DIN
- In processing of thinned conductors we use sleeves for compacted conductors.



mm²		mm²		mm²	
6	291521	70	291533	300	291545
10	291523	95	291535	400	291547
16	291525	120	291537	500	291549
25	291527	150	291539	625	291551
35	291529	185	291541	800	291553
50	291531	240	291543	1000	291555

Al-Crimp connector DIN 46267 Part 2

DIN

Al

- Material: E-Aluminium
- Al ropes acc. to DIN EN 50182
- For strain relief connections of Al conductors acc. to DIN EN 60228
- Surface: bare
- With marks for correct crimping • Including contact grease



mm²		mm²	
25	293542	150	293554
35	293544	185	293556
50	293546	240	293558
70	293548		
95	293550		
120	293552		

Al and Cu cable lugs, longitudinally sealed

DIN

Al.Cu

- For Al conductors acc. to DIN EN 60228, Al ropes acc. to DIN EN 50182
- Material: AL 99,5% DIN 40501, E-CU DIN 40500 (EN 13600)
- Surface: bare
- With marks for correct crimping
- Including contact grease
- Tube acc. to DIN 46329
- For screwing Al connections to Cu rails



mm² rm/sm*	mm² se*	M8	M10	M12	M16	M20
25	35	293300	293302	293304		
35	50		293306	293308		
50	70		293310	293312		
70	95		293314	293316		
95	120			293318	293320	
120	150			293322	293324	
150	185			293326	293328	
185	240			293330	293332	
240	300			293334		293336
300	300			293338		

* rm = round stranded, sm = Sector-shaped multi-wire, se = Sector-shaped single-wire solid

CableGo

Cable pulling device "CableGo profi"

Art. no. 143422
14 pcs.

Content in plastik case:

- 3 x basic module "CableGo" + 3 wire brackets
- 3 x table clamp "CableGo"
- 3 x mounting bracket "CableGo"
- 1 x connection set and several mounting parts "CableGo"



SysCon cable pulling device "CableGo profi"

SysCon

Art. no. 143432
14 pcs.

Content in SysCon stacking box art. 220372:

- 3 x basic module "CableGo" + 3 wire brackets
- 3 x table clamp "CableGo"
- 3 x mounting bracket "CableGo"
- 1 x connection set and several mounting parts "CableGo"

SysCon cable pulling device "CableGo master"

SysCon

Art. no. 143434
17 pcs.

Content in SysCon stacking box art. 220372:

- 5 x basic module "CableGo" + 3 wire brackets
- 5 x table clamp "CableGo"
- 5 x mounting bracket "CableGo"
- 1 x connection set basic module "CableGo"



Cable pulling device "CableGo master"

Art. no. 143424
17 pcs.

Content in plastik case:

- 5 x basic module "CableGo" + 3 wire brackets
- 5 x table clamp "CableGo"
- 5 x mounting bracket "CableGo"
- 1 x connection set and several mounting parts "CableGo"



All parts also available separately.

Video CableGo



CableGo Industry



Basic module "CableGo" + 3 wire brackets

Basic module for easy cable penetrations in corners and roundings.

Art. no. 143440

4 pcs.

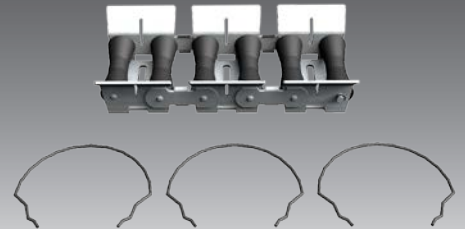
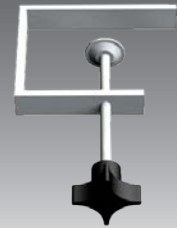


Table clamp "CableGo"

Table clamp for fixing basic modules.

Art. no. 143441

1 pcs.

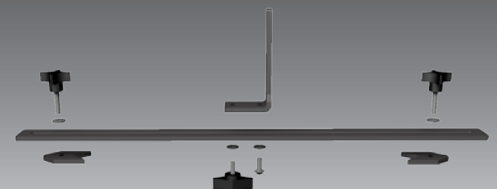


Mounting bracket "CableGo"

Mounting bracket for fixing basic modules.

Art. no. 143442

7 pcs.



Connection set basic module "CableGo"

Connection set for connecting several basic modules.

Art. no. 143443

2 pcs.



Set 3 wire brackets "CableGo"

Wire brackets for basic modules.

Art. no. 143444

3 pcs.



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