



## SAFETY HAND TOOLS

INSULATED SCREWDRIVERS  
INSULATED PLIERS  
MECHANICAL CUTTING TOOLS  
INSULATED WRENCHES  
MODULAR INSULATED HANDTOOLS  
TOOL CASES AND EQUIPMENT

## THE QUALITY AND THE UNIQUE INTERCABLE DESIGN!

The new series of SLIM screwdrivers is the result of extensive studies performed in cooperation with numerous electrical installers.

Standard:  
VDE 0682 / 201



## Slim

Very thin insulated blade diameter for a smooth workability in limited space

## Ergonomic

Handles in non-slip material, guarantees the maximum force application with minimum strain



## Precision

Milled blade tip for a perfect fit and grip on the screw

## Clear

Color coding with respective blade symbol under a transparent, impact-resistant plastic lens for fast and reliable tool determination

Identification lens for an easy choice of the proper screwdriver  
Color codification:



For slotted head screws  
yellow



For "Phillips"-head screws  
red



For "Pozidriv®"-head screws  
green



For hex socket-head screws  
white



For hex-head screws  
violet



For spherical hex socket-head screws  
grey



For **TORX®**-head screws  
blue



For combined "Phillips"-head screws  
red / yellow



For combined "Pozidriv®"-head screws  
green / yellow

**TORX®**

registered trademark of  
CAMCAR TEXTRON,  
Rockford, Illinois, USA

## INSULATED SCREWDRIVERS

### Screwdrivers for slotted head screws - FUTUR II



mm	mm	mm	mm	Order No.
⊕ ↓		⊕ ↓		
2,5	75	0,4	175	1301025 *
3,0	100	0,5	200	1301030 *
3,5	100	0,6	200	1301035
4,0	100	0,8	200	1301040
4,5	125	1,0	230	1301045
5,5	125	1,0	230	1301055
6,5	150	1,2	255	1301065
8,0	175	1,2	290	1301080 *
10,0	200	1,6	320	1301100 *

- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection
- \* NOT SLIM - Version

### Screwdrivers for "Phillips" screws - FUTUR II



mm	mm	mm	Order No.
⊕			
0	60	160	13020 *
1	75	175	13021
2	100	205	13022
3	150	265	13023 *
4	200	320	13024 *

- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection
- \* NOT SLIM - Version

### Screwdrivers for "Pozidriv®" screws - FUTUR II



mm	mm	mm	Order No.
⊕*			
0	60	160	13030 *
1	75	175	13031
2	100	205	13032
3	150	265	13033 *

- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection
- \* NOT SLIM - Version

## INSULATED SCREWDRIVERS



## Combination screwdriver "Phillips" - FUTUR II

mm	mm	mm	Order No.
1	75	175	13131
2	100	205	13132

- For combined slotted-/intersecting slot screws in electrical systems
- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection



## Combination screwdriver "Pozidriv®" - FUTUR II

mm	mm	mm	Order No.
1	75	175	13141
2	100	205	13142

- For combined slotted-/intersecting slot screws in electrical systems
- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection



## TORX® - Screwdriver - FUTUR II

mm	mm	mm	Order No.
10	60	160	1307010
15	75	175	1307015
20	75	180	1307020
25	75	180	1307025
30	100	215	1307030

- Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection

## INSULATED SCREWDRIVERS



### Screwdriver for hexagon socket screws - FUTUR II

mm	mm	mm	Order No.
2	60	160	1304020
2,5	75	175	1304025
3	75	180	1304030
4	75	180	1304040
5	75	190	1304050
6	100	215	1304060
8	100	220	1304080

• Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection



### Ball-Point screwdriver for hexagon socket screws

mm	mm	mm	Order No.
2	100	200	1305020
2,5	100	200	1305025
3	100	205	1305030
4	100	205	1305040
5	100	215	1305050
6	125	230	1305060
8	150	270	1305080

• Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection



### Screwdriver for hexagon screws - FUTUR II

mm	mm	mm	Order No.
4	125	225	1306040
5	125	225	1306050
5,5	125	225	1306055
6	125	230	1306060
7	125	230	1306070
8	125	230	1306080
9	125	230	1306090
10	125	240	1306100
11	125	240	1306110
12	125	240	1306120
13	125	240	1306130

• Blade in high resistance chromium-vanadium-molybdenum-steel, hardened, with surface burnish protection

## INSULATED SCREWDRIVERS



1000V

## Magazine screwdriver

Length	Order No.
230 mm	119300

- Bit Holder 1/4"; magnetic
- The transparent selection disc inside the handle prevents the bits from falling out of the magazine
- Includes 6 bits of the standard equipment (25 mm long) as shown in picture on the left
- Power grip: high-quality plastic, shock resistant, red, cadmium-free
- Bit sizes to 119300: Slot: 4.5 x 0.6 / 6.5 x 1.2 / 8.0 x 1.6
- Cross slot: PH 1 / PH 2 / PH



## Phase screwdriver

mm	mm	mm	Order No.
⌀			
3,0	65	140	AV6104
3,5	105	190	AV6105



## INSULATED SCREWDRIVERS



### Screwdriver set - Slotted/"Phillips" - head

Equipment	Order No.
1 Slotted head screwdriver 0,8 x 4 x 100 - SLIM	1399001
1 Slotted head screwdriver 1 x 5,5 x 125 - SLIM	
1 Screwdriver "Phillips" PH1 x 75 - SLIM	
1 Screwdriver "Phillips" PH2 x 100 - SLIM	



### Screwdriver set - "Phillips"

Equipment	Order No.
1 Screwdriver "Phillips" PH0 x 60	1399003
1 Screwdriver "Phillips" PH1 x 75 - SLIM	
1 Screwdriver "Phillips" PH2 x 100 - SLIM	



### Combination screwdriver set - "Phillips"

Equipment	Order No.
1 Combination screwdriver "Phillips" +- PH1 x 80 - SLIM	1399005
1 Combination screwdriver "Phillips" +- PH2 x 100 - SLIM	



## INSULATED SCREWDRIVERS



## Screwdriver set - slotted head

Equipment	Order No.
1 Slotted head screwdriver 0,5 x 3 x 100	1399002
1 Slotted head screwdriver 0,8 x 4 x 100 - SLIM	
1 Slotted head screwdriver 1 x 5,5 x 125 - SLIM	
1 Slotted head screwdriver 1,2 x 6,5 x 150 - SLIM	



## Screwdriver set - "Pozidriv®"

Equipment	Order No.
1 Screwdriver "Pozidriv®" PZ0 x 60	1399004
1 Screwdriver "Pozidriv®" PZ1 x 75 - SLIM	
1 Screwdriver "Pozidriv®" PZ2 x 100 - SLIM	



## Combination screwdriver set - "Pozidriv®"

Equipment	Order No.
1 Combination screwdriver "Pozidriv®" + PZ1 x 80 - SLIM	1399006
1 Combination screwdriver "Pozidriv®" + PZ2 x 100 - SLIM	



INSULATED SCREWDRIVERS



Screwdriver set for hexagon screws

Dimensions	Order No.
270 x 195 x 35 mm	1399010

Equipment:

- 1 Hexagon screw - size 4 ..... 1306 040
- 1 Hexagon screw - size 5 ..... 1306 050
- 1 Hexagon screw - size 5,5 ..... 1306 055
- 1 Hexagon screw - size 6 ..... 1306 060
- 1 Hexagon screw - size 7 ..... 1306 070
- 1 Hexagon screw - size 8 ..... 1306 080
- 1 Hexagon screw - size 9 ..... 1306 090
- 1 Hexagon screw - size 10 ..... 1306 100
- 1 Hexagon screw - size 11 ..... 1306 110
- 1 Hexagon screw - size 12 ..... 1306 120
- 1 Hexagon screw - size 13 ..... 1306 130



Screwdriver set for hexagon socket screws

Dimensions	Order No.
290 x 165 x 35 mm	1399011

Equipment:

- 1 Hexagon socket screw - size 2 ..... 1304 020
- 1 Hexagon socket screw - size 2,5 ..... 1304 025
- 1 Hexagon socket screw - size 3 ..... 1304 030
- 1 Hexagon socket screw - size 4 ..... 1304 040
- 1 Hexagon socket screw - size 5 ..... 1304 050
- 1 Hexagon socket screw - size 6 ..... 1304 060
- 1 Hexagon socket screw - size 8 ..... 1304 080



Ball-Point screwdriver set for hexagon socket screws

Dimensions	Order No.
290 x 165 x 35 mm	1399012

Equipment:

- 1 Ball-Point screwdriver - size 2 ..... 1305 020
- 1 Ball-Point screwdriver - size 2,5 ..... 1305 025
- 1 Ball-Point screwdriver - size 3 ..... 1305 030
- 1 Ball-Point screwdriver - size 4 ..... 1305 040
- 1 Ball-Point screwdriver - size 5 ..... 1305 050
- 1 Ball-Point screwdriver - size 8 ..... 1305 080



**TORX®** - Screwdriver set

Dimensions	Order No.
290 x 165 x 35 mm	1399013

Equipment:

- 1 **TORX®** - Screwdriver - size 10 ..... 1307 010
- 1 **TORX®** - Screwdriver - size 15 ..... 1307 015
- 1 **TORX®** - Screwdriver - size 20 ..... 1307 020
- 1 **TORX®** - Screwdriver - size 25 ..... 1307 025
- 1 **TORX®** - Screwdriver - size 30 ..... 1307 030

## INSULATED SCREWDRIVERS



## Torque screwdriver set 0,8 - 5,0 Nm

Description	Order No.
Torque screwdriver set	1308804

Suitable for controlled fastening in the presence of live parts up to 1,000V AC, e.g. In case of switching devices.

**Technical Characteristics:**

- Insulation according IEC 60900/VDE0682/201
- Torque continually variable from 0,8 to 5,0 Nm
- Bit-holder with galvanic insulation
- Tested by VDE, ergonomically shaped handle

**Set Equipment:**

- 1 Torque screwdriver + insulated Bit-holder, T-adjusting tool 0,8 Nm .... 13085
- 1 Blade slotted screw 0,8 x 4 mm ..... 1381040
- 1 Blade slotted screw 1,0 x 5,5 mm ..... 1381055
- 1 Blade for screwdriver PH size 1 ..... 13821
- 1 Blade for screwdriver PH size 2 ..... 13822
- 1 Blade for screwdriver PZ size 1 ..... 13831
- 1 Blade for screwdriver PZ size 2 ..... 13832
- 1 Blade for screwdriver SW3,0 ..... 1384030
- 1 Blade for screwdriver SW4,0 ..... 1384040
- Plastic case with foam insert ..... 1308800

\* Individual set-equipments on request

## Torque screwdriver set 0,8 - 5,0 Nm - ZAK1

Description	Order No.
Torque screwdriver set - ZAK1	1308808

Suitable for controlled fastening in the presence of live parts up to 1,000V AC, e.g. In case of switching devices.

**Technical Characteristics:**

- Insulation according IEC 60900/VDE0682/201
- Torque continually variable from 0,8 to 5,0 Nm
- Bit-holder with galvanic insulation
- Tested by VDE, ergonomically shaped handle

**Set Equipment:**

- 1 Torque screwdriver + insulated Bit-holder, T-adjusting tool 0,8 Nm .... 13085
- 1 Slim change bit Torx T10 ..... 1387010
- 1 Slim change bit Torx T15 ..... 1387015
- 1 Slim change bit Torx T25 ..... 1387025
- 1 Slim change bit plus/minus PZ1 ..... 13841
- 1 Slim change bit plus/minus PZ2 ..... 13842
- Nylon folding bag with velcro ..... 1308800B

\* Individual set-equipments on request



## INSULATED SCREWDRIVERS



### Torque screwdriver set 0,8 - 5,0 Nm - ZAK2

Description	Order No.
Torque screwdriver set - ZAK2	1308811

Suitable for controlled fastening in the presence of live parts up to 1,000V AC, e.g. In case of switching devices.

#### Technical Characteristics:

- Insulation according IEC 60900/VDE0682/201
- Torque continually variable from 0,8 to 5,0 Nm
- Bit-holder with galvanic insulation

#### Set Equipment:

- 1 Torque screwdriver + insulated Bit-holder, T-adjusting tool 0,8 Nm .... 13085
- 1 Slim change bit Torx T10 ..... 1387010
- Telescope plastic packaging

\* Individual set-equipments on request



### Adjusting tool Quickcheck

Description	Order No.
Adjusting tool Quickcheck	13091

Suitable for all torque screwdrivers that can be set to the test value of 2.8 Nm.

#### Technical Characteristics:

- Regular inspection of the torque tool guarantees safe and precise working with the correct torque value
- Quick and easy inspection of the torque tool due to its mobile, compact shape
- Test result can be quite clearly read at the LED light.



### Grip 2 - 7 Nm

Description	Order No.
Grill 2 - 7 Nm	13090

Suitable for controlled fastening in the presence of live parts up to 1,000 V AC, to be used exclusively in combination with a SlimTorque VDE bit-holder for 6 mm SlimBits.

#### Technical Characteristics:

- Accuracy  $\pm 6\%$ , traceable to national standards
- Insulation in accordance with IEC 60900/VDE0682/201 standard
- Infinitely adjustable torque from 2 - 7 Nm with setting tool Torque-Setter (included).
- Ergonomic multi-component handle, protective insulation 1000V AC, GS approved.
- Optimally matched to the torque range grip size.
- Click signal when reaching the set torque value.
- Compatible with all 138xxseries SLIM blades in combination with the bit-holder
- Bit-holder with galvanic isolation
- SlimTorque VDE bit holder (included) for 6 mm slim bits

#### Set Equipment:

- 1 Torque screwdriver 2 - 7 Nm
- 1 Insulated Bit-holder
- 1 T-adjusting tool

## INSULATED SCREWDRIVERS



ISO 2380-1-2 (excluded AC1501,  
AC1503) UNI 10562-1-2



## Screwdriver for slotted head screws - FUTUR

Description	Order No.	mm	mm	mm	mm
		⊖		⊖	
Screwdriver	AC1501	3,0	75	0,6	155
	AC1502	4,0	100	0,8	180
	AC1503	4,5	125	1,0	215
	AC1504	5,5	150	1,0	250
	AC1505	6,5	150	1,2	250
	AC1506	8,0	150	1,6	260
	AC1507	10,0	200	1,6	320

- Insulation of the blade and handles by shock-proof thermoplastic resin
- High resistance alloy, hardened steel with surface burnish protection
- Ergonomic handles for operations with maximum effort



ISO 8764-1-2  
UNI ISO 8764-1-2



## Screwdriver for Phillips screws - FUTUR

Description	Order No.	mm	mm	mm
		⊕		
Screwdriver	AC1600	0	60	140
	AC1601	1	80	170
	AC1602	2	100	200
	AC1603	3	150	260
	AC1604	4	200	320

- Insulation of the blade and handles by shock-proof thermoplastic resin
- High resistance alloy, hardened steel with surface burnish protection
- Ergonomic handles for operations with maximum effort



ISO 8764-1-2  
UNI ISO 8764-1-2

## Screwdriver for Pozidriv® screws - FUTUR

Description	Order No.	mm	mm	mm
		⊕		
Screwdriver	AC1610	0	60	140
	AC1611	1	80	170
	AC1612	2	100	200
	AC1613	3	150	260
	AC1614	4	200	320

- Insulation of the blade and handles by shock-proof thermoplastic resin
- High resistance alloy, hardened steel with surface burnish protection
- Ergonomic handles for operations with maximum effort

## INSULATED SCREWDRIVERS



### Set - screwdrivers - FUTUR

Description	Order No.	dimensions	-
Set - screwdrivers	AS2001	112 x 345 mm	-

• Screwdriver for slotted head screws:

#### Equipment:

- 0.6 x 3 x 75 mm ..... AC1501
- 0.8 x 4 x 100 mm ..... AC1502
- 1.0 x 5.5 x 150 mm ..... AC1504
- 1.6 x 8 x 150 mm ..... AC1506



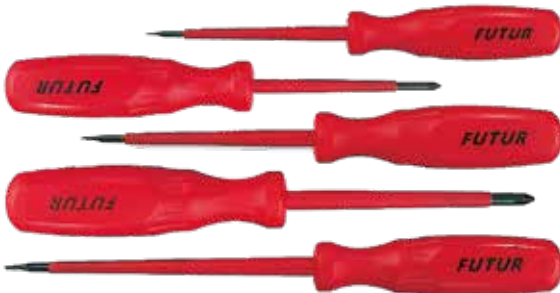
### Set - screwdrivers - FUTUR

Description	Order No.	dimensions	-
Set - screwdrivers	AS2002	95 x 285 mm	-

• Screwdriver for Phillips screws:

#### Equipment:

- "Phillips" PH0 x 60 mm ..... AC1600
- "Phillips" PH1 x 80 mm ..... AC1601
- "Phillips" PH2 x 100 mm ..... AC1602



### Set - screwdrivers - FUTUR

Description	Order No.	dimensions	-
Set - screwdrivers	AS2003	132 x 335 mm	-

#### Equipment:

- Screwdriver for slotted head screws:
  - 0.6 x 3 x 75 mm ..... AC1501
  - 0.8 x 4 x 100 mm ..... AC1502
  - 1.0 x 5.5 x 150 mm ..... AC1504
- Screwdriver for Phillips screws:
  - "Phillips" PH1 x 80 mm ..... AC1601
  - "Phillips" PH2 x 100 mm ..... AC1602



### Set - screwdrivers - FUTUR

Description	Order No.	dimensions	-
Set - screwdrivers	AS2004	112 x 345 mm	-

• Screwdriver for Pozidriv® screws:

#### Equipment:

- "Pozidriv®" PZ0 x 60 mm ..... AC1610
- "Pozidriv®" PZ1 x 80 mm ..... AC1611
- "Pozidriv®" PZ2 x 100 mm ..... AC1612

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# intercable

## INSULATED PLIERS

### THE QUALITY AND THE UNIQUE INTERCABLE DESIGN!

This new series of PLIERS is the result of extensive studies performed in cooperation with numerous electrical installers.

**Standards:**

ISO 5746

UNI 9894

VDE 0682-201




**Slim**  
Makes it easier for working in hard-to-reach areas

**Resistant**  
Blank produced from high alloy tool steel, cutting edges specially hardened, chrome-plated surface

**Powerful**  
Extra long cutting edges for large cable cross sections, suitable for cutting soft and hard wire, as well as piano wire

**Smooth**  
One-hand operation due to a special, smooth-running joint

**Ergonomic**  
The ergonomic handle guarantees the maximal application of the force with a minimum of labor

**Environmentally friendly**  
Skin-friendly, special plastic material free of cadmium and heavy metals

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INSULATED PLIERS



Engineers pliers 2K

Description	Order No.	Length
Engineers pliers 2K	1201160	160 mm
	1201180	180 mm
	1201200	200 mm

- Head laterally rounded



Telephone pliers with straight jaws 2K

Description	Order No.	Length
Telephone pliers with straight jaws 2K	1203160	160 mm
	1203200	200 mm

- For cutting soft and medium hard wires



Telephone pliers with bent jaws 2K

Description	Order No.	Length
Telephone pliers with bent jaws 2K	1204160	160 mm
	1204200	200 mm

- Head laterally rounded



Flat nose pliers 2K

Description	Order No.	Length
Flat nose pliers 2K	1206160	160 mm

## INSULATED PLIERS



## Round nose pliers 2K

Description	Order No.	Length
Round nose pliers 2K	1207160	160 mm



## Wire stripper 2K

Description	Order No.	Length
Wire stripper 2K	1205160	160 mm

- With locking screw and opening spring
- For cables from 0,75 to 6 mm<sup>2</sup>



## Side cutter 2K

Description	Order No.	Length
Side cutter 2K	1202160	160 mm

- Very slim design with dropped forged head
- For cutting hard and soft wire



## Pipe wrench 2K

Description	Order No.	Length
Pipe wrench 2K	1110250	240 mm

- Adjustable (7 different positions)
- Chrome-Vanadium



## INSULATED PLIERS OF INTERCABLE ISOPLUS



THE QUALITY AND DISTINCTIVE DESIGN OF INTERCABLE guarantees the maximum degree of ergonomics and the highest level of safety

These pliers are made entirely of shock-resistant plastic with excellent insulation and mechanical properties and can be used even at very low temperatures down to -40 ° C. The completely insulated headboard and the jaws are insulated from each other to prevent the danger of a short-circuit during their use.

The benefit of the pliers is on the contrary to conventional metal models with a weight reduction of approx. 30-40%. All Intercable insulated pliers comply with applicable regulations and are approved by an accredited laboratory. Special custom-made heads on request.

### 2 in 1

- Gripping surface with 3 indentations for various cable diameters
- Cutting inserts

### Powerful

Cutting inserts made of high-strength special steel, hardened and also suitable for cutting hard steel wire.

### The highest level of safety

Completely made of impact-resistant, glass fibre-reinforced plastic, no metal parts in contact zones

### Ergonomic

The ergonomic handle guarantees the maximal application of the force with a minimum of labor



## INSULATED PLIERS



## Insulating gripping pliers ISOplus 2K

Description	Order No.	Length
Insulating gripping pliers ISOplus 2K	11091	180 mm

- Gripping surface with 8 indentations for various cable diameters
- No exposed metal parts



## Engineers pliers ISOplus 2K

Description	Order No.	Length
Engineers pliers ISOplus 2K	11092	190 mm

- Extra long blades
- Corrosion protection treatment of the cutting edges
- For copper and aluminium cables with maximum 16 mm<sup>2</sup>
- Gripping surface with 3 indentations for various cable diameters



## Cable cutter D15 ISOplus 2K

Description	Order No.	Length
Cable cutter D15 ISOplus 2K	11094	170 mm

- For cutting flexible Al and Cu conductors up to 50 mm<sup>2</sup>
- High cutting capacity for the smallest dimensions
- Blades induction hardened



## Insulating telephone pliers ISOplus 2K

Description	Order No.	Length
Insulating telephone pliers D15 ISOplus 2K	11095	200 mm

- Gripping surface toothed
- Thin head for operation in restricted places
- No exposed metal parts

# CABLE CUTTER AND CRIMPER ELECTRICIAN SCISSORS



Special blade design: to cut and strip cables



To cut Cu/Al cables up to 50 mm<sup>2</sup>



Special slot to crimp (0,5 - 4 mm<sup>2</sup>)

## Strip

easy to strip of cables due to unique shape

## Cut

non slip blade with micro-indentations  
heavy duty stainless steel blades

## Durable

possibility to readjust the tool to avoid the natural wear

## Crimp

crimping of terminal-sleeves from 0,5 up to 4mm<sup>2</sup>

## Suitable

2 component handle for a perfect grip to ensure the best cutting performance



### Cable cutter and crimper electrician scissor 2K + Safetybox

Description	Order No.	Blade	Length
Scissor with Safetybox	16020-F1	straight	160 mm

- To cut Cu/Al cables up to 50 mm<sup>2</sup>
- With slot to crimp insulated or non insulated end sleeves from 0,5 to 4 mm<sup>2</sup>
- Blades with optimized teeth
- High cutting performance
- Loose-free screw/pin hinge
- 2 component handle

Attention: Not suitable for work under voltage!

## MECHANICAL CUTTING TOOLS



## Special electricians' scissors

Description	Order No.	Blade	Length
Special scissors	16011	straight	140 mm

- Loose-free screw/pin fixing
- High cutting performance
- Blades with micro-toothing

Attention: Not suitable for work under voltage!

## Special electricians' scissors 2K

Description	Order No.	Blade	Length
Special scissors	16012	straight	140 mm

- 2-component handles
- High cutting performance
- Blades with optimized teeth
- Loose-free screw/pin fixing

Attention: Not suitable for work under voltage!

## Cable cutter scissors + safety box and Voltage tester

Description	Order No.
1 Cable scissors - 16020-F1	16020-CF1
1 Voltage tester	

- Voltage range: 50 - 600 VAC, 50 - 60 Hz
- Voltage display: optical and acoustic signal
- Application range: 0 - 50°C

Suitable for determining the voltage without contact



## Safetybox

Description	Order No.
Safetybox empty for model 1601 1, 1601 2, 1602 0, 1604 0	16029

## MECHANICAL CUTTING TOOLS



• Universal cutting blade



### Universal knife with clappable blade protection

Description	Order No.	Blade	Length
Cable knife	AV3910	interch. 50 mm	185 mm
Spare blade	AV3911	-	50 mm

- 1000V insulated tool
- With replaceable standard blade (thickness 0,65 mm)
- Made of shock-proofed material
- Integrated, captive blade guard



### Cable stripping knife with clappable blade protection

Description	Order No.	Blade	Length
Cable knife	AV3920	interch. 50 mm	185 mm
Spare blade	AV3921	-	50 mm

- 1000V insulated tool
- Specially hardened blade suitable for stripping cables
- With replaceable solid blade and insulated blade-back
- Made of shock-proofed material
- Integrated, captive blade guard



- Special stripping blade shape
- Special blade grinding suitable for stripping cable without damaging the individual wires



### Special cable stripping knife with ceramic blade

Description	Order No.	Blade	Length
Cable knife	AV3930	fixed 46 mm	185 mm

- 1000V insulated tool
- Integrated, captive blade guard
- High cutting capacity

No replacing blade



- Special blade grinding suitable for stripping cable without damaging the individual wires
- Individual wires
- Insulating blade with a very long service life



### Cable stripping knife with safety cap

Description	Order No.	Blade	Length
Cable knife	288700	fixed 47 mm	175 mm

- Special blade with guide blade prevents damage of conductor strands
- For removal of insulation and sheath
- Blade and blade back sharpened
- Blade of tempered stainless steel
- Insulation of tough non-brittle plastic



## MECHANICAL CUTTING TOOLS





 C 1000V  
 EN/IEC60900:2004

## Insulated electrician's shears 2K

Description	Order No.	Length	Weight
Electrician shears	16032	180 mm	100 g

- Adjustable screwjoint
- High cutting performance
- Surface treatment: burnished and polished
- 2-component-handles





 C 1000V  
 EN/IEC60900:2004

## Side cutter 2K

Description	Order No.	Length	Weight
Side cutter 2K	1202160	160 mm	208 g

- Very slim design of the head with pronounced tip shape
- For cutting hard and soft wire
- Induction hardened precision cutting
- High cutting performance
- 2-component impact resistant insulated handles





 C 1000V  
 EN/IEC60900:2004

## Cable cutter D17 2K

APPLICATION RANGE	max. 50 mm <sup>2</sup>
SUGGESTED APPLICATION	Copper and Aluminium

Description	Order No.	Length	Weight
Cable cutter D17	1602160	160 mm	218 g

- High cutting capacity for the smallest dimensions
- With adjustable screw joint
- Special tool steel with chrome finish
- Handles of impact resistant plastic in 2-component-design
- Jaw opening: 17 mm





 C 1000V  
 EN/IEC60900:2004

## Cable cutter D22 2K

APPLICATION RANGE	Ø 25 mm / 80 mm <sup>2</sup>
SUGGESTED APPLICATION	Copper and Aluminium

Description	Order No.	Length	Weight
Cable cutter D22	1602200	200 mm	345 g

- With break down and resaw (1st and 2nd cutting edge)
- High cutting capacity for the smallest dimensions
- Easy and clean cut with single hand use
- With adjustable screw joint
- Special tool steel with chrome finish
- Handles of impact resistant plastic in 2-component-design

## MECHANICAL CUTTING TOOLS



### MultiCutter 3 in 1

Description	Order No.	Length	Weight
MultiCutter 3 in 1	MSA180	185 mm	0,270 kg

- Multifunctional cable shears off wire and cut
- Stripper: Cable Ø < 11 mm
- Soft wire < Ø 6 mm,
- Hard wire < Ø 2 mm,
- Inductively hardened cutting edges
- Ergonomic grip
- Stripping (dismantling): Cable Ø 5 - 16 mm, 3 x 1,5 mm<sup>2</sup> < 5 x 1,5 mm<sup>2</sup>
- Stripping (insulation): Cable < Ø 5 mm

Attention: Not suitable for work under voltage!



### Wire cutter

Description	Order No.	Length	Weight
Wire cutter	MKS200	200 mm	0,330 kg

- Precision cutter for piano wire 62 HRC
- Cutting length: 24 mm
- Special tool steel, oil-hardened
- Leverage, thus 40% power savings

Attention: Not suitable for work under voltage!

## MECHANICAL CUTTING TOOLS



ISO 5746



ISO 5749



ISO 5745



ISO 5745



## Engineers pliers

Description	Order No.	Length blank	Weight
Engineers pliers	AP0116N	160 mm	210 g
Engineers pliers	AP0119N	180 mm	240 g

- For cutting soft and medium hard wires
- High resistant gripping surface

## Diagonal cutting nipper

Description	Order No.	Length blank	Weight
Diagonal cutting nipper	AP0616N	160 mm	190 g

- For cutting soft and medium hard wires

## Telephone pliers with straight jaws

Description	Order No.	Length blank	Weight
Telephone pliers	AP0416N	160 mm	160 g
Telephone pliers	AP0420N	200 mm	190 g

- For cutting soft and medium hard wires
- Toothed gripping surface

## Telephone pliers with bent jaws

Description	Order No.	Length blank	Weight
Flat nose pliers	AP0516N	160 mm	155 g
Flat nose pliers	AP0520N	200 mm	195 g

- For cutting soft and medium hard wires
- Toothed gripping surface



## MECHANICAL CUTTING TOOLS



ISO 5745



### Flat nose pliers

Description	Order No.	Length blank	Weight
Flat nose pliers	AP0216N	160 mm	160 g

- Toothed gripping surface



ISO 5745



### Round nose pliers

Description	Order No.	Length blank	Weight
Round nose pliers	AP0316N	160 mm	160 g

- Toothed gripping surface



ISO 5745



### Set - pliers and cable cutter

Description	Order No.	Length blank	Weight
Set	AS1001	240 x 260mm	-

- 1 engineers pliers 180mm ..... AP0119N
- 1 diagonal cutting nipper 160mm ..... AP0616N
- 1 telephone pliers with straight jaws ..... AP0420N
- 1 cable cutter ..... AP1017

## INSULATED WRENCHES



1000V  
IEC 60900

## Insulated adjustable wrench

Description	Order No.	Opening	Length	Weight
Adjustable wrench	151904	0 - 13 mm	110 mm	140 g
	151906	0 - 20 mm	130 mm	190 g
	151908	0 - 27 mm	210 mm	260 g
	151910	0 - 30 mm	260 mm	400 g
	151912	0 - 34 mm	310 mm	870 g
	151915	0 - 44 mm	360 mm	1230 g
	151918	0 - 53 mm	450 mm	1900 g

- Read off scale for jaw opening
- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation
- Not recommended for working on live parts



D'E GS C 1000V  
IEC 60900

## Insulated open-end wrench

Description	Order No.	Size	Length	Weight
Open-end wrench	151306	6	76 mm	20 g
	151307	7	82 mm	20 g
	151308	8	96 mm	20 g
	151309	9	105 mm	24 g
	151310	10	110 mm	29 g
	151311	11	115 mm	33 g
	151312	12	130 mm	44 g
	151313	13	137 mm	48 g
	151314	14	140 mm	54 g
	151315	15	150 mm	58 g
	151316	16	160 mm	70 g
	151317	17	161 mm	84 g
	151318	18	163 mm	100 g
	151319	19	175 mm	105 g
	151320	20	172 mm	149 g
	151321	21	200 mm	159 g
	151322	22	200 mm	192 g
	151324	24	220 mm	242 g
	151327	27	242 mm	322 g
	151330	30	285 mm	343 g
151332	32	280 mm	500 g	
151334	34	280 mm	500 g	
151336	36	310 mm	575 g	

- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation

## INSULATED WRENCHES

### Insulated 12-point wrench



Description	Order No.	Ⓜ Size	Length	Weight
12-point wrench	161306	6	146 mm	41 g
	161307	7	151 mm	50 g
	161308	8	159 mm	62 g
	161309	9	157 mm	68 g
	161310	10	179 mm	84 g
	161311	11	183 mm	90 g
	161312	12	195 mm	106 g
	161313	13	188 mm	113 g
	161314	14	197 mm	135 g
	161315	15	191 mm	160 g
	161316	16	218 mm	175 g
	161317	17	204 mm	205 g
	161318	18	236 mm	227 g
	161319	19	240 mm	296 g
	161320	20	250 mm	300 g
	161321	21	264 mm	305 g
	161322	22	255 mm	308 g
	161324	24	268 mm	422 g
	161327	27	290 mm	455 g
	161330	30	272 mm	561 g
161332	32	317 mm	646 g	
161334	34	322 mm	1060 g	
161336	36	306 mm	1060 g	

- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation

### Insulated 90° bent 12-point wrench



Description	Order No.	Ⓜ Size	Dimensions	Weight
90° bent 12-point wrench	161410	10	70 x 190 mm	100 g
	161412	12	70 x 195 mm	100 g
	161413	13	70 x 215 mm	180 g
	161414	14	80 x 245 mm	220 g
	161417	17	90 x 245 mm	240 g
	161418	18	90 x 245 mm	240 g
	161419	19	95 x 245 mm	240 g
	161420	20	100 x 250 mm	280 g
	161422	22	100 x 250 mm	280 g
	161424	24	100 x 250 mm	280 g
	161430	30	110 x 260 mm	470 g

- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation
- For nuts placed in hard-to-get-at positions

## INSULATED WRENCHES



## Insulated hex socket T-wrench

Description	Order No.	Ⓜ Size	Dimensions	Weight
Hex socket T-wrench 200mm shank length	137410	10	160 x 200 mm	310 g
	137411	11	160 x 200 mm	330 g
	137412	12	160 x 200 mm	350 g
	137413	13	160 x 200 mm	360 g
	137414	14	160 x 200 mm	440 g
	137416	16	160 x 200 mm	450 g
	137417	17	160 x 200 mm	450 g
	137418	18	160 x 200 mm	470 g
	137419	19	160 x 200 mm	510 g
	137420	20	160 x 200 mm	510 g
	137422	22	160 x 200 mm	520 g
	137424	24	160 x 200 mm	540 g

- 200 mm shank length
- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation



## Insulated hex socket T-wrench long

Description	Order No.	Ⓜ Size	Dimensions	Weight
Hex socket T-wrench 300mm shank length	138410	10	160 x 300 mm	370 g
	138411	11	160 x 300 mm	380 g
	138412	12	160 x 300 mm	400 g
	138413	13	160 x 300 mm	420 g
	138414	14	160 x 300 mm	470 g
	138416	16	160 x 300 mm	520 g
	138417	17	160 x 300 mm	520 g
	138418	18	160 x 300 mm	560 g
	138419	19	160 x 300 mm	560 g
	138420	20	160 x 300 mm	600 g
	138422	22	160 x 300 mm	600 g
	138424	24	160 x 300 mm	660 g

- 300 mm shank length
- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation



## Insulated cross wrench

Description	Order No.	Ⓜ Size	Dimensions	Weight
Cross wrench	121401	10 11 14 17	140 x 140 mm	220 g
	121402	10 12 14 17	140 x 140 mm	220 g
	121403	11 12 13 17	140 x 140 mm	220 g
	121404	10 13 14 17	140 x 140 mm	230 g
	121405	11 13 14 17	140 x 140 mm	230 g
	121406	13 17 19 22	140 x 140 mm	340 g
	121407	14 17 19 22	140 x 140 mm	360 g
	121408	10 11 12 13	140 x 140 mm	200 g
	121409	10 11 13 17	140 x 140 mm	220 g

- Hardened and tempered alloy steel
- Dip insulation
- Shockproof resin insulation

## INSULATED WRENCHES



### Insulated 90° hex wrench

Description	Order No.	Ⓢ Size	Dimensions	Weight
90° hex wrench	116325	2,5	35 x 104 mm	30 g
	116303	3	35 x 104 mm	31 g
	116304	4	35 x 104 mm	34 g
	116305	5	35 x 106 mm	36 g
	116306	6	40 x 110 mm	46 g
	116308	8	45 x 120 mm	80 g
	116310	10	50 x 120 mm	125 g

- Hardened and tempered alloy steel
- Shockproof resin insulation



### Insulated 90° hex wrench heavy duty

Description	Order No.	Ⓢ Size	Dimensions	Weight
90° hex wrench heavy duty	116505	5	35 x 150 mm	75 g
	116506	6	40 x 150 mm	88 g

- Hardened and tempered alloy steel
- Shockproof resin insulation



### Insulated hex T-wrench light-weight

Description	Order No.	Ⓢ Size	Dimensions	Weight
Hex T-wrench light-weight	117325	2,5	95 x 115 mm	80 g
	117303	3	95 x 115 mm	80 g
	117304	4	95 x 115 mm	80 g
	117305	5	95 x 115 mm	80 g
	117306	6	95 x 115 mm	90 g

- Hardened and tempered alloy steel
- Shockproof resin insulation



### Insulated hex T-wrench heavy duty

Description	Order No.	Ⓢ Size	Dimensions	Weight
Hex T-wrench heavy duty	117504	4	95 x 160 mm	105 g
	117505	5	95 x 160 mm	105 g
	117506	6	95 x 160 mm	110 g
	117508	8	95 x 160 mm	115 g
	117510	10	95 x 160 mm	120 g
	117513	13	95 x 160 mm	145 g

- Hardened and tempered alloy steel
- Shockproof resin insulation

## INSULATED WRENCHES



1000V  
IEC 60900

## Insulated hex T-wrench small

Description	Order No.	Ⓢ Size	Dimensions	Weight
Hex T-wrench small	117973	5	70 x 120 mm	80 g

- Hardened and tempered alloy steel
- Shockproof resin insulation



1000V  
IEC 60900

## Insulated hex T- wrench long

Description	Order No.	Ⓢ Size	Dimensions	Weight
Hex T-wrench long	117972	5	90 x 200 mm	105 g
	117970	6	90 x 200 mm	105 g

- Hardened and tempered alloy steel
- Shockproof resin insulation



1000V  
IEC 60900

## Insulated hex T-wrench extra long

Description	Order No.	Ⓢ Size	Dimensions	Weight
Hex T- wrench extra long	117335	5	90 x 240 mm	100 g
	117336	6	90 x 240 mm	115 g
	117338	8	90 x 240 mm	130 g
	117331	10	90 x 240 mm	115 g

- Hardened and tempered alloy steel
- Shockproof resin insulation

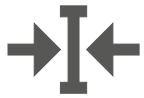
# INTERCABLE MODULAR INSULATED HANDTOOLS 1000V



Tools made of shockproof insulated material

**Standards:**  
ISO 1174-1  
DIN 3120

Tools are suitable for very low temperature use: down to -40°C



**Interchangeable**  
Guarantees compatibility with tools of various manufacturers, insofar as the inner square follows ISO Standard 117401-1



Square connection, size 1/2" or 3/8" in compliance with ISO 1174-1 Standards



Patented lock device (Intercable Locking System) that ensures a coupling in compliance with IEC 60900 Standards for any bush carrying a square fitting according to ISO 1174 DIN 3120 Standards



DIN7436



### Insulated T-wrench

Description	Order No.	Dimensions	Weight
T-wrench Size 3/8"	15012	210 x 160 mm	240 g
T-wrench Size 1/2"	15011	195 x 160 mm	340 g

- Lock device can be actuated by a single hand
- Two-component insulation with excellent grip handle
- Square connection in compliance with ISO1174 DIN 3120 Standards



DIN7449



### Insulated reversible ratchet wrench

Description	Order No.	Dimensions	Weight
Ratchet wrench Size 3/8"	15022	200 x 65 mm	250 g
Ratchet wrench Size 1/2"	15021	260 x 75 mm	525 g

- Lock device can be actuated by a single hand
- Two-component insulation with excellent grip handle
- Reverse commutator
- Square connection in compliance with ISO1174 DIN 3120 Standards



### Insulated torque wrench

Description	Order No.	Torque	Dimensions	Weight
Torque wrench Size 3/8"	1508008	8 Nm	110 x 160 mm	400 g
	1508010	10 Nm	140 x 160 mm	400 g
	1508012	12 Nm	140 x 160 mm	400 g
	1508015	15 Nm	140 x 160 mm	400 g
	1508020	20 Nm	140 x 160 mm	400 g
	1508025	25 Nm	140 x 160 mm	400 g
Torque wrench Size 1/2"	AC3708	8 Nm	110 x 160 mm	560 g
	AC3710	10 Nm	140 x 160 mm	560 g
	AC3712	12 Nm	140 x 160 mm	560 g
	AC3715	15 Nm	140 x 160 mm	560 g
	AC3720	20 Nm	140 x 160 mm	560 g
	AC3725	25 Nm	140 x 160 mm	560 g

- Fixed adjusted torque in compliance with EN26789 ( $\pm 6\%$  tolerance from rated value)
- Lock device can be actuated by a single hand
- Square connection in compliance with ISO1174 DIN3120 in sizes 3/8" and 1/2"





### Insulated torque limiter (with galvanic separation)

Description	Order No.	Torque	Dimensions	Weight
Torque limiter Size 3/8"	1509007	7 Nm	37 x 152 mm	430 g
	1509008	8 Nm	37 x 152 mm	430 g
	1509010	10 Nm	37 x 152 mm	430 g
	1509012	12 Nm	37 x 152 mm	430 g
	1509015	15 Nm	37 x 152 mm	430 g
	1509020	20 Nm	37 x 152 mm	430 g
	1509025	25 Nm	37 x 152 mm	430 g
Torque limiter Size 1/2"	AC3807	7 Nm	37 x 154 mm	460 g
	AC3808	8 Nm	37 x 154 mm	460 g
	AC3810	10 Nm	37 x 154 mm	460 g
	AC3812	12 Nm	37 x 154 mm	460 g
	AC3815	15 Nm	37 x 154 mm	460 g
	AC3820	20 Nm	37 x 154 mm	460 g
	AC3825	25 Nm	37 x 154 mm	460 g

- Torque limitation switch in compliance with EN 6789
- Lock device can be actuated by a single hand
- Square connection in compliance with ISO1174 DIN3120 in sizes 3/8" and 1/2"
- Insulation according to EN 60900
- Galvanic isolation



### Insulated adjustable torque ratchet

Description	Order No.	Torque	Dimensions	Weight
Torque ratchet Size 3/8"	131937	10-50 Nm	75 x 280 mm	700 g
	131938	10-50 Nm	75 x 350 mm	900 g
Torque ratchet Size 1/2"	131911	10-50 Nm	75 x 280 mm	700 g
	131912	10-50 Nm	75 x 350 mm	1000 g
	131931	30-130 Nm	75 x 465 mm	1300 g

- Made of alloyed and hardened steel
- Anticlockwise rotation without limitation
- Adjustable torque
- Professional multi-coated insulation
- When adjusted setting is achieved, the ratchet head drops sideways with a haptic and acoustic feedback
- Please observe operating instructions
- Suitable for all types of screwdriver heads
- Adjustment tolerance can be  $\pm 10\%$  of the nominal value

### Insulated adjustable torque ratchet

Description	Order No.	Torque	Dimensions	Weight
Torque ratchet Size 3/8"	131915	5-50 Nm	84 x 370 mm	500 g
Torque ratchet Size 1/2"	131913	5-50 Nm	84 x 370 mm	900 g
	131918	40-220 Nm	84 x 555 mm	1500 g

- Made of alloyed and hardened steel
- Anticlockwise rotation without limitation
- Adjustable torque
- Professional multi-coated insulation
- When adjusted setting is achieved, the ratchet head drops sideways with a haptic and acoustic feedback
- Please observe operating instructions
- Suitable for all types of screwdriver heads
- Adjustment tolerance can be  $\pm 10\%$  of the nominal value





DIN7434



### Insulated extension bar

Description	Order No.	Length	Weight
Extension bar Size 3/8"	15032125 15032250	125 mm 250 mm	140 g 300 g
Extension bar Size 1/2"	15031125 15031250	125 mm 250 mm	200 g 400 g

- Made of alloyed steel
- Fixing of inserts by expanding ball
- Expanding ball bearings by means of threaded pin
- Insulation of shock proof plastic
- Suitable for all types of screwdriver heads
- Patented lock device that guarantees a coupling in compliance with DIN
- IEC 60900, Standards for any brush carrying a square fitting according to ISO-DIS 1174-1/DIN 3120 Standard.



### Insulated special reducer 1/2" to 3/8"

Description	Order No.	Length	Weight
Special reducer	15031238	125 mm	145 g

- Reducer from 1/2" to 3/8"
- Lock device actuated by a single hand
- Square connection in compliance with ISO1174 DIN 3120 Standards



### Insulated special enlarger 3/8" to 1/2"

Description	Order No.	Length	Weight
Special enlarger	132238	125 mm	100 g

- Enlarger from 3/8" to 1/2"
- Dip Insulation



### Insulated cross socket tool for 4 inserts

Description	Order No.	Dimensions	Weight
Cross socket tool Size 3/8"	121400	150 x 150 mm	180 g
Cross socket tool Size 1/2"	121399	150 x 150 mm	340 g

- Square ends made of alloyed and hardened steel, galvanically isolated
- Insulation of non-brittle plastic
- For 8 - 22 mm SW standard socket pieces
- Inserts can be locked in place
- Expanding ball interlock system for inserts



DIN7448  
DIN3124



fig. 1



Insulated 12-point female socket 3/8"

Description	Order No.	Ⓜ Size	Length	Weight
12-point female socket Size 3/8"	135206*	6	45 mm	22 g
	135207*	7	45 mm	23 g
	1504208	8	45 mm	30 g
	135209*	9	45 mm	28 g
	1504210	10	45 mm	31 g
	1504211	11	45 mm	31 g
	1504212	12	45 mm	32 g
	1504213	13	45 mm	32 g
	1504214	14	45 mm	35 g
	135215*	15	45 mm	38 g
	1504216	16	45 mm	37 g
	1504217	17	45 mm	40 g
	1504218	18	45 mm	42 g
	1504219	19	45 mm	45 g
	135220*	20	45 mm	70 g
	135221*	21	45 mm	83 g
	1504222	22	45 mm	47 g
	135224*	24	45 mm	112 g

- Greatly reduced outside diameter for use on screws in hard-to-get-at positions
- Square connection to ISO1174 DIN3120 Standards

\*Bush with dip insulation (fig.1)

Extra deep insulated 12-point female socket 3/8"

Description	Order No.	Ⓜ Size	Length	Weight
Extra deep 12-point female socket Size 3/8"	135308	8	75 mm	50 g
	135309	9	75 mm	55 g
	135310	10	75 mm	63 g
	135311	11	75 mm	67 g
	135312	12	75 mm	70 g
	135313	13	75 mm	77 g
	135314	14	75 mm	85 g
	135315	15	75 mm	100 g
	135316	16	75 mm	113 g
	135317	17	75 mm	122 g
	135318	18	75 mm	130 g
	135319	19	75 mm	144 g
	135320	20	75 mm	150 g
	135321	21	75 mm	160 g
	135322	22	75 mm	185 g
	135323	23	75 mm	210 g
	135324	24	75 mm	250 g
	135327	27	75 mm	315 g

- Extra deep version - min. 70 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip Insulation





## Long insulated 12-point female socket 3/8"

Description	Order No.	⓫ Size	Length	Weight
Long 12-point female socket Size 3/8"	135110	10	140 mm	140 g
	135111	11	140 mm	148 g
	135112	12	140 mm	152 g
	135113	13	140 mm	161 g
	135114	14	140 mm	173 g
	135115	15	140 mm	180 g
	135116	16	140 mm	195 g
	135117	17	140 mm	205 g
	135118	18	140 mm	213 g
	135119	19	140 mm	223 g
	135120	20	140 mm	230 g
	135121	21	140 mm	238 g
135122	22	140 mm	250 g	

- Long version - 140 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip Insulation



## Extra long insulated 12-point female socket 3/8"

Description	Order No.	⓫ Size	Length	Weight
Extra long 12-point female socket Size 3/8"	135712	12	270 mm	287 g
	135713	13	270 mm	295 g
	135714	14	270 mm	300 g
	135717	17	270 mm	351 g
	135718	18	270 mm	370 g
	135719	19	270 mm	385 g
	135721	21	270 mm	420 g
	135722	22	270 mm	445 g
	135724	24	270 mm	480 g
	135727	27	270 mm	520 g

- Extra long version - 270 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip Insulation

INSULATED SOCKETS

SERIES 3/8"



ISO691

Short insulated male hex socket 3/8" - 50 mm

Description	Order No.	Ⓢ Size	Length	Weight
Short male hex socket Size 3/8"	1505204	4	50 mm	28 g
	1505205	5	50 mm	29 g
	1505206	6	50 mm	30 g
	1505208	8	50 mm	33 g

• Square connection to ISO1174 DIN3120 Standards



Insulated male hex socket 3/8" - 90 mm

Description	Order No.	Ⓢ Size	Length	Weight
Male hex socket Size 3/8"	140302	2	90 mm	27 g
	140325	2,5	90 mm	52 g
	140303	3	90 mm	49 g
	140304	4	90 mm	50 g
	140305	5	90 mm	56 g
	140306	6	90 mm	60 g
	140307	7	90 mm	66 g
	140308	8	90 mm	78 g
	140309	9	90 mm	75 g
	140310	10	90 mm	103 g
	140311	11	90 mm	114 g
	140312	12	90 mm	124 g
	140313	13	90 mm	135 g
	140314	14	90 mm	118 g

• Square connection to ISO1174 DIN3120 Standards

• Dip Insulation



ISO691

Medium long insulated male hex socket 3/8" - 120 mm

Description	Order No.	Ⓢ Size	Length	Weight
Medium long male hex socket Size 3/8"	1506204	4	120 mm	49 g
	1506205	5	120 mm	54 g
	1506206	6	120 mm	69 g
	1506208	8	120 mm	70 g

• Square connection to ISO1174 DIN3120 Standards



Long insulated male hex socket 3/8" - 140 mm

Description	Order No.	Ⓢ Size	Length	Weight
Long male hex socket Size 3/8"	140105	5	140 mm	63 g
	140106	6	140 mm	73 g
	140108	8	140 mm	90 g
	140110	10	140 mm	151 g

• Square connection to ISO1174 DIN3120 Standards

• Dip Insulation



Extra long insulated male hex socket 3/8" - 265 mm

Description	Order No.	Ⓢ Size	Length	Weight
Extra long male hex socket Size 1/2"	140705	5	265 mm	89 g
	140706	6	265 mm	109 g
	140708	8	265 mm	156 g
	140710	10	265 mm	219 g

• Square connection to ISO1174 DIN3120 Standards

• Dip Insulation



### Combi set series 3/8"

Description	Order No.	Dimensions	Weight
Combi set	1598001	275 x 65 x 210 mm	1,5 kg

#### Equipment:

- Insulated T-wrench ..... 1501 2
- Insulated reversible ratchet wrench ..... 1502 2
- Insulated extension bar 125 mm ..... 1503 2125
- Insulated extension bar 250 mm ..... 1503 2250
- Insulated 12-point female sockets 8-10-13-14-17-19-22 ..... 1504 2...
- Short Insulated male hex sockets 4-5-6-8 ..... 1505 2...
- Resin case ..... 1588 001



### Basis ratchet set series 3/8"

Description	Order No.	Dimensions	Weight
Basis ratchet set	1598002	225 x 50 x 180 mm	1,0 kg

#### Equipment:

- Insulated reversible ratchet wrench ..... 1502 2
- Insulated 12-point female sockets 8-10-13-17-19-22 ..... 1504 2...
- Medium long insulated male hex sockets 4-5-6 ..... 1506 2...
- Resin case ..... 1588 002



### Basis T-wrench set series 3/8"

Description	Order No.	Dimensions	Weight
Basis T-wrench set	1598004	275 x 65 x 210 mm	1,0 kg

#### Equipment:

- Insulated T-wrench ..... 1501 2
- Insulated 12-point female sockets 10-13-14-17-19-22 ..... 1504 2...
- Short insulated male hex sockets 5-6-8 ..... 1505 2...
- Medium long insulated male hex sockets 5-6 ..... 1506 2...
- Resin case ..... 1588 002



### Torque wrench set series 3/8"

Description	Order No.	Dimensions	Weight
Torque wrench set	1598009	275 x 65 x 210 mm	2,0 kg

#### Equipment:

- Insulated torque wrench T 8-10-15Nm ..... 1508 0...
- Medium long insulated male hex sockets 4-5-6 ..... 1506 2...
- Resin case ..... 1588 009



### Torque wrench set series 3/8" reduced

Description	Order No.	Dimensions	Weight
Torque wrench set red.	1598010	192 x 40 x 140 mm	0,6 kg

#### Equipment:

- Insulated torque wrench T 20Nm ..... 1508 020
- Short insulated male hex socket 8 ..... 1505 208
- Insulated 12-point female socket 13 ..... 1504 213
- Resin case ..... 1588 010



DIN7448  
DIN3124



fig. 1



Insulated 12-point female socket 1/2"

Description	Order No.	Ⓜ Size	Length	Weight
12-point female socket Size 1/2"	135408*	8	55 mm	53 g
	135409*	9	55 mm	53 g
	1504110	10	55 mm	55 g
	1504111	11	55 mm	56 g
	1504112	12	55 mm	57 g
	1504113	13	55 mm	58 g
	1504114	14	55 mm	59 g
	135415*	15	55 mm	70 g
	135416*	16	55 mm	74 g
	1504117	17	55 mm	63 g
	135418*	18	55 mm	82 g
	1504119	19	55 mm	71 g
	135420*	20	55 mm	116 g
	135421*	21	55 mm	127 g
	1504122	22	55 mm	87 g
	135423*	23	55 mm	140 g
	1504124	24	55 mm	98 g
	135425*	25	55 mm	180 g
	135426*	26	55 mm	180 g
	1504127	27	55 mm	121 g
	135430*	30	55 mm	252 g
	1504132	32	55 mm	162 g
	130434*	34	55 mm	300 g

\*Bush with Dip insulation (fig.1)

- Greatly reduced outside diameter for use on screws in hard-to-get-at positions
- Square connection to ISO1174 DIN3120 Standards

Extra deep insulated 12-point female socket 1/2"



Description	Order No.	Ⓜ Size	Length	Weight
Extra deep 12-point female socket Size 1/2"	135508	8	95 mm	102 g
	135509	9	95 mm	105 g
	135510	10	95 mm	118 g
	135511	11	95 mm	120 g
	135512	12	95 mm	123 g
	135513	13	95 mm	127 g
	135514	14	95 mm	134 g
	135515	15	95 mm	140 g
	135517	17	95 mm	170 g
	135518	18	95 mm	188 g
	135519	19	95 mm	204 g
	135520	20	95 mm	210 g
	135522	22	95 mm	226 g
	135523	23	95 mm	241 g
	135524	24	95 mm	270 g
	135526	26	95 mm	300 g
	135527	27	95 mm	337 g
	135530	30	95 mm	390 g
	135532	32	95 mm	423 g

- Extra deep version - 95 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip insulation



## Long insulated 12-point female socket 1/2"

Description	Order No.	⓫ Size	Length	Weight
Long 12-point female socket Size 1/2"	135610	10	140 mm	230 g
	135614	14	140 mm	253 g
	135617	17	140 mm	302 g
	135619	19	140 mm	312 g
	135622	22	140 mm	360 g
	135624	24	140 mm	403 g
	135627	27	140 mm	484 g
	135630	30	140 mm	510 g
	135632	32	140 mm	560 g

- Long version - 140 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip insulation



## Extra long insulated 12-point female socket 1/2"

Description	Order No.	⓫ Size	Length	Weight
Extra long 12-point female socket Size 1/2"	135813	13	270 mm	457 g
	135814	14	270 mm	480 g
	135817	17	270 mm	530 g
	135819	19	270 mm	550 g
	135824	24	270 mm	680 g
	135830	30	270 mm	800 g
	135832	32	270 mm	840 g

- Extra long version - 270 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip insulation





DIN7448  
DIN3124



ISO691



### Insulated male hex socket 1/2"

Description	Order No.	Ⓢ Size	Length	Weight
Male hex socket Size 1/2"	1505104	4	85 mm	76 g
	1505105	5	85 mm	78 g
	1505106	6	85 mm	81 g
	140507*	7	90 mm	79 g
	1505108	8	85 mm	84 g
	1505110	10	85 mm	90 g
	140512*	12	90 mm	126 g
140514*	14	90 mm	158 g	

\*Bush with Dip insulation (fig.1)

- Normal version - min. 85 mm
- Square connection to ISO1174 DIN3120 Standards

### Long insulated male hex socket 1/2"

Description	Order No.	Ⓢ Size	Length	Weight
Long male hex socket Size 1/2"	1506104	4	135 mm	83 g
	1506105	5	135 mm	88 g
	1506106	6	135 mm	95 g
	1506108	8	135 mm	100 g
	1506110	10	135 mm	107 g

- Long version - 135 mm
- Square connection to ISO1174 DIN3120 Standards

### Extra long insulated male hex socket 1/2"

Description	Order No.	Ⓢ Size	Length	Weight
Extra long male hex socket Size 1/2"	140805	5	265 mm	122 g
	140806	6	265 mm	143 g
	140808	8	265 mm	143 g
	140810	10	265 mm	185 g

- Extra long version - 265 mm
- Square connection to ISO1174 DIN3120 Standards
- Dip insulation



### Combi set series 1/2"

Description	Order No.	Dimensions	Weight
Combi set	1599002	330 x 75 x 270 mm	3.1 kg

#### Equipment:

- Insulated T-wrench ..... 1501 1
- Insulated reversible ratchet wrench ..... 1502 1
- Insulated extension bar 125 mm ..... 1503 1125
- Insulated extension bar 250 mm ..... 1503 1250
- Insulated 12-point female sockets 10-13-14-17-19-22-24-27 ..... 1504 1...
- Insulated male hex sockets 4-5-6-8-10 ..... 1505 1...
- Resin case ..... 1589 002



### Basis ratchet set series 1/2"

Description	Order No.	Dimensions	Weight
Basis ratchet set	1599005	275 x 65 x 210 mm	1,6 kg

#### Equipment:

- Insulated reversible ratchet wrench ..... 1502 1
- Insulated 12-point female sockets 10-13-17-19-22-24 ..... 1504 1...
- Insulated male hex sockets 4-5-6 ..... 1505 1...
- Resin case ..... 1589 005



### Basis T-wrench set series 1/2"

Description	Order No.	Dimensions	Weight
Basis T-wrench set	1599001	275 x 65 x 210 mm	1,5 kg

#### Equipment:

- Insulated T-wrench ..... 1501 1
- Insulated 12-point female sockets 10-13-14-17-19-22 ..... 1504 1...
- Insulated male hex sockets 5-6-8 ..... 1505 1...
- Long insulated male hex sockets 5-6 ..... 1506 1...
- Resin case ..... 1589 001



### Torque wrench set series 1/2"

Description	Order No.	Dimensions	Weight
Torque wrench set	AV3755	275 x 65 x 210 mm	2,0 kg

#### Equipment:

- Insulated torque wrench T 8-10-15Nm ..... AC37...
- Long insulated male hex sockets 4-5-6 ..... 1506 1...
- Resin case ..... 1589 001



### Torque wrench set series 1/2" reduced

Description	Order No.	Dimensions	Weight
Torque wrench set red.	AV3760	192 x 40 x 140 mm	0,7 kg

#### Equipment:

- Insulated torque wrench T 20Nm ..... AC3720
- Insulated male hex socket 8 ..... 1505 108
- Insulated 12-point female socket 13 ..... 1504 113
- Resin case ..... 1588 010

ALIGNMENT TOOL FOR SECTOR CABLE

Alignment tool for sector cable

Description	Order No.	Cross Section	Length	Weigth
Alignment tool Size 3/8"	132095	95 - 150	75 mm	80 g
	132185	185 - 240	83 mm	140 g
	132030	300	83 mm	140 g
Alignment tool Size 1/2"	132096	95 - 150	75 mm	80 g
	132186	185 - 240	83 mm	140 g
	132031	300	83 mm	140 g

- Insulation of non-brittle plastic
- To align 3 or 4 strand sectoral conductor
- Used with INTERCABLE insulated T-Wrenches (15011, 15012) or ratched wrenches (15021, 15022)
- Other sizes on request

1000V  
IEC 60900



## TOOL CASES AND EQUIPMENT



## Belt pouch "EuroMario"

Description	Order No.	Dimensions	Weight
EuroMario with tools (red)	19122	110 x 220 x 65 mm	0,6 kg
EuroMario with tools (black)	19132	120 x 230 x 70 mm	0,7 kg
EuroMario without tools (red)	19120	110 x 220 x 65 mm	0,1 kg
EuroMario without tools (black)	19130	120 x 230 x 70 mm	0,1 kg

## Equipment:

## 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1101 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for Phillips screws PH 1 x 75 - PH 1 x 75 - SLIM ..... 1302 1

## NOT insulated tools

- Special electricians scissors 2K ..... 1601 2



## Belt Pouch "IperMario"

Description	Order No.	Dimensions	Weight
IperMario with tools	19152	245 x 245 x 50 mm	1,20 kg
IperMario without tools	19150	245 x 245 x 50 mm	0,3 kg

## Equipment:

## 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1101 180
- Diagonal cutting nipper 2K ..... 1102 160
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 1 x 5,5 x 125 - SLIM ..... 1301 055
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 2 x 100 - SLIM ..... 1303 2

## NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Voltage tester 3 x 65 mm ..... AV6104

## TOOL CASES AND EQUIPMENT



### Belt pouch in leather

Description	Order No.	Dimensions	Weight
Belt pouch with tools	19142	200 x 100 x 200 mm	1,5 kg
Belt pouch without tools	19140	200 x 100 x 200 mm	0,7 kg

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1101 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - **SLIM** ..... 1301 040
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - **SLIM** ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - **SLIM** ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - **SLIM** ..... 1302 2
- Cable cutter D17 2K ..... 1602 160

##### NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Voltage tester 3 x 65 mm ..... AV6104
- EnerGrip - cable puller ..... AV8902



### Pouch 1000/EN60900 "Euronorm"

Description	Order No.	Dimensions	Weight
Pouch with tools	19231	360 x 270 x 70 mm	2,4 kg
Pouch without tools	19230	360 x 270 x 70 mm	1,0 kg

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1201 180
- Telephone pliers with straight jaws 160 mm 2K ..... 1203 160
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - **SLIM** ..... 1301 040
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - **SLIM** ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - **SLIM** ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - **SLIM** ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - **SLIM** ..... 1303 1
- Screwdriver for Pozidriv screws - PZ 2 x 100 - **SLIM** ..... 1303 2
- Cable stripping knife with clappable blade protection ..... AV3920
- Insulated electrician's shears 2K ..... 1603 2
- Cable cutter D17 2K ..... 1602 160





### “EUROBAG” Tool box with shoulder strap

Description	Order No.	Dimensions	Weight
Tool box with tools	19331	350 x 310 x 80 mm	1,6 kg
Tool box without tools	19330	350 x 310 x 80 mm	0,8 kg

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682–201)

- Engineers pliers 180 mm 2K ..... 1201 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Cable cutter D17 2K ..... 1602 160

##### NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Voltage tester 3 x 65 mm ..... AV6104
- 2 containers for small parts



### Tool bag with rechargeable flashlight

Description	Order No.	Dimensions	Weight
Tool bag with tools	19401	200 x 300 x 100 mm	2,4 kg
Tool bag without tools	19400	200 x 300 x 100 mm	1,6 kg

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682–201)

- Engineers pliers 180 mm 2K ..... 1201 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2

##### NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Flexometer 3 m ..... 7406 030
- Baby spirit level ..... 7404 100
- 2 containers for small parts
- Rechargeable flashlight 12V ..... 50 x 20 x 20 mm



### “INTERCABLE” Tool box

Description	Order No.	Dimensions	Weight
Tool box with tools	19601	450 x 240 x 250 mm	3,0 kg
Tool box without tools	19600	450 x 240 x 250 mm	2,3 kg

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682–201)

- Engineers pliers 180 mm 2K ..... 1201 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 1 x 4,5 x 125 - SLIM ..... 1301 045
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2

##### NOT insulated tools

- Cable cutter and crimper electrician scissor 2K ..... 16020-F1
- Voltage tester 3 x 65 mm ..... AV6104
- Flexometer 3 m ..... 7406 030
- Pocket saw “PUK” ..... 7402 150
- Baby spirit level ..... 7404 100
- Gloves GRIP ..... 7407 009

## TOOL CASES AND EQUIPMENT



## "EuroCompact" Tool box

Description	Order No.	Dimensions	Weight
Leather box with tools	19162	440 x 200 x 300mm	4,2 kg
Hard top box with tools	19172	430 x 340 x 160mm	4,5 kg
Leather box without tools	19160	440 x 200 x 300 mm	3,0 kg
Hard top box without tools	19170	430 x 340 x 160 mm	3,3 kg
Shoulder strap (for leather box)	19199	-	0,2 kg

Other tool cases available on request

## Equipment:

## 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1101 180
- Telephone jaws with straight jaws 160 mm 2K ..... 1103 160
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 1 x 5,5 x 125 - SLIM..... 1301 055
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws "Phillips" - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws "Phillips" - PH 2 x 100 - SLIM ..... 1302 2
- Cable cutter D17 2K ..... 1602 160

## NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- EnerGrip - cable puller ..... AV8902
- Universal key ..... QUATTRO



## "EUROPROFI" Tool box

Description	Order No.	Dimensions	Weight
Leather box with tools	19182	440 x 200 x 360 mm	5,0 kg
Hard top box with tools	19192	470 x 360 x 200 mm	6,2 kg
Leather box without tools	19180	440 x 200 x 360 mm	3,8 kg
Hard top box without tools	19190	470 x 360 x 200 mm	5,0 kg
Shoulder strap for leather box	19199	-	0,2 kg

Other tool cases available on request

## Equipment:

## 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Engineers pliers 180 mm 2K ..... 1101 180
- Screwdriver for slotted head screws - 0,5 x 3 x 100 ..... 1301 030
- Screwdriver for slotted head screws - 0,8 x 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 1 x 5,5 x 125 - SLIM ..... 1301 055
- Screwdriver for slotted head screws - 1,2 x 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws "Phillips" - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws "Phillips" - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - SLIM ..... 1303 1
- Insulated scissors 2K ..... 1603 1
- Cable cutter D17 2K ..... 1602 160

## NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Baby spirit level ..... 7404 100
- EnerGrip - cable puller ..... AV8902
- Voltage tester - 3 x 65 mm ..... AV6104





## TOOL CASES AND EQUIPMENT



### “ALU” Tool box

Description	Order No.	Dimensions	Weight
Alu box with tools	19281	485 x 380 x 200 mm	9,4 kg
Alu box without tools	19280	485 x 380 x 200 mm	6,3 kg

Other tool cases available on request

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682–201)

- Screwdriver for slotted head screws - 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 5,5 x 125 - SLIM ..... 1301 055
- Screwdriver for slotted head screws - 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - SLIM ..... 1303 1
- Screwdriver for Pozidriv screws - PZ 2 x 100 - SLIM ..... 1303 2
- Engineers pliers 180 mm 2K ..... 1101 180
- Cable cutter D17 2K ..... 1602 160
- Telephone pliers with straight jaws ..... 1103 200

##### NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Voltage tester 3 x 65 mm ..... AV6104
- Universal key ..... QUATTRO
- Hammer 300 g ..... 7130 582
- Chisel ..... 7130 008
- Pliers for tubes and nuts ..... 7101 237
- Spirit level 250 mm ..... 7211 440
- Baby spirit level ..... 7404 100
- Flexometer 3 m ..... 7406 030
- Pocket saw “PUK” ..... 7402 150
- Hexagon screw set Pocketstar ..... 7401 208
- Universal knife ..... 7120 081

### 1000V shockproof resin tool kit

Description	Order No.	Dimensions	Weight
Hard top box with tools	19501	480 x 360 x 235 mm	10,4 kg
Hard top box without tools	19500	480 x 360 x 235 mm	6,5 kg

Other tool cases available on request

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682–201)

- Engineers pliers 180 mm ..... AP0119N
- Telephone pliers with straight jaws 200 mm ..... AP0420N
- Insulating engineers pliers ..... 1108 1
- Cable cutter D17 ..... AP1017
- Insulated wire stripper 2,5-10 mm ..... AE6200
- Screwdriver for slotted head screws - 3 x 75 ..... AC1501
- Screwdriver for slotted head screws - 4 x 100 ..... AC1502
- Screwdriver for slotted head screws - 5,5 x 150 ..... AC1504
- Screwdriver for slotted head screws - 8 x 150 ..... AC1506
- Screwdriver for Phillips screws PH1 ..... AC1601
- Screwdriver for Phillips screws PH2 ..... AC1602
- Screwdriver for Phillips screws PH3 ..... AC1603
- Insulated T- wrench 1/2” ..... 1501 1
- Insulated 12-point female sockets 10, 13, 14, 17, 19, 22 ..... 1504 1...
- Insulated male hex sockets 5, 6, 8, ..... 1505 10..
- Long Insulated male hex sockets 5, 6 ..... 1506 10..
- 4 insulated safety clamps ..... 6514 09
- Screwdriver for hexagon sockets 2,5, 3, 4 ..... 1304 0...
- Rubber cover material 600 x 600 ..... AV4102



## TOOL CASES AND EQUIPMENT



## "NEW PROFESSIONAL" Tool box

Description	Order No.	Dimensions	Weight
Hard top box with tools	19311	460 x 400 x 200 mm	8,1 kg
Hard top box without tools	19310	460 x 400 x 200 mm	5,5 kg

Other tool cases available on request

## Equipment:

## 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Screwdriver for slotted head screws - 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 5,5 x 125 - SLIM ..... 1301 055
- Screwdriver for slotted head screws - 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - SLIM ..... 1303 1
- Screwdriver for Pozidriv screws - PZ 2 x 100 - SLIM ..... 1303 2
- Engineers pliers 180 mm 2K ..... 1101 180
- Cable cutter D17 2K ..... 1602 160
- Telephone pliers with straight jaws ..... 1103 200

## NOT insulated tools

- Special electricians scissors 2K ..... 1601 2
- Gloves GRIP ..... 7407 009
- Flexometer 3 m ..... 7406 030
- Baby spirit level ..... 7404 100
- Hexagon screw set Pocketstar ..... 7401 208
- Universal knife ..... 7120 081
- Voltage tester 3 x 65 mm ..... AV6104
- Switch cabinet spanner ProfiKey ..... AV9312
- Pocket saw "PUK" ..... 7402 150
- Hammer 300 g ..... 7130 582
- Pliers for tubes and nuts ..... 7101 237



## "PROFESSIONAL TROLLEY" Tool box

Description	Order No.	Dimensions	Weight
Hard top box with tools	19321	460 x 400 x 250 mm	9,5 kg
Hard top box without tools	19320	460 x 400 x 250 mm	6,9 kg

Other tool cases available on request

## TOOL CASES AND EQUIPMENT

### “EUROTROLLEY” Tool box



Description	Order No.	Dimensions	Weight
Hard top box with tools	A00511	430 x 320 x 160 mm	6,3 kg
Hard top box without tools	19163	430 x 320 x 160 mm	5,0 kg

Other tool cases available on request

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Screwdriver for slotted head screws - 3 x 100 - SLIM..... 1301 030
- Screwdriver for slotted head screws - 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 4,5 x 125 - SLIM ..... 1301 045
- Screwdriver for slotted head screws - 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - SLIM ..... 1303 1
- Screwdriver for Pozidriv screws - PZ 2 x 100 - SLIM ..... 1303 2
- Engineers pliers 180 mm 2K ..... 1201 180

##### NOT insulated tools

- Assortment of hexagonal spanners 8 pc ..... 7110 592
- Cable cutter and crimper electrician scissor 2K ..... 16020-F1
- Voltage tester 3 x 65 mm ..... AV6104
- Flexometer 3 m ..... 7406 030
- Baby spirit level ..... 7404 100
- Gloves GRIP ..... 7407 009



### “INTERCABLE” Tool box

Description	Order No.	Dimensions	Weight
Hard top box with tools	A00108	460 x 370 x 200 mm	5,8 kg
Hard top box without tools	A00108B	460 x 370 x 200 mm	4,3 kg

Other tool cases available on request

#### Equipment:

##### 1000V insulated tools (IEC 60900, IEC900, VDE0682-201)

- Screwdriver for slotted head screws - 3 x 100 - SLIM ..... 1301 030
- Screwdriver for slotted head screws - 4 x 100 - SLIM ..... 1301 040
- Screwdriver for slotted head screws - 4,5 x 125 - SLIM ..... 1301 045
- Screwdriver for slotted head screws - 6,5 x 150 - SLIM ..... 1301 065
- Screwdriver for Phillips screws - PH 1 x 75 - SLIM ..... 1302 1
- Screwdriver for Phillips screws - PH 2 x 100 - SLIM ..... 1302 2
- Screwdriver for Pozidriv screws - PZ 1 x 75 - SLIM ..... 1303 1
- Screwdriver for Pozidriv screws - PZ 2 x 100 - SLIM ..... 1303 2
- Engineers pliers 180 mm 2K ..... 1201 180

##### NOT insulated tools

- Assortment of hexagonal spanners 8 pc ..... 7110 592
- Cable cutter and crimper electrician scissor 2K ..... 16020-F1
- Voltage tester 3 x 65 mm ..... AV6104
- Gloves GRIP ..... 7407 009
- Flexometer 3 m ..... 7406 030
- Baby spirit level ..... 7404 100
- Universal knife ..... 7120 081
- Pocket saw "PUK" ..... 7402 150
- Hammer 300 g ..... 7130 582