



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

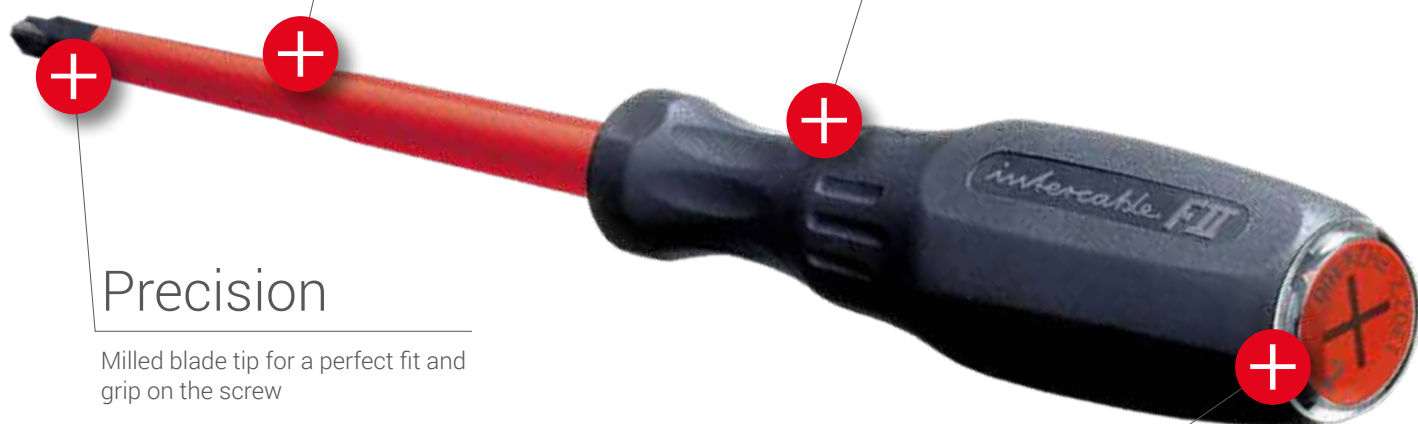


Slim

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

1000V
IEC 60900

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

1000V
IEC 60900

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

1000V
IEC 60900

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.
Grip 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

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



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 mm²



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



1000V
 IEC 60900

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



1000V
 IEC 60900

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 mm²
- Gripping surface with 3 indentations for various cable diameters



1000V
 IEC 60900

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 mm²
- High cutting capacity for the smallest dimensions
- Blades induction hardened



1000V
 IEC 60900

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 mm²



Special slot to crimp
(0,5 - 4 mm²)

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 4mm²

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 mm²
- With slot to crimp insulated or non insulated end sleeves from 0,5 to 4 mm²
- 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/IEC 60900:2004

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/IEC 60900:2004

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/IEC 60900:2004

Cable cutter D17 2K

APPLICATION RANGE	max. 50 mm ²
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/IEC 60900:2004

Cable cutter D22 2K

APPLICATION RANGE	Ø 25 mm / 80 mm ²
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 mm² < 5 x 1,5 mm²
- 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



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



ISO 5749



Diagonal cutting nipper

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

- For cutting soft and medium hard wires



ISO 5745



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



ISO 5745



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 190mm 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



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.	⓫ 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.	⓫ 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



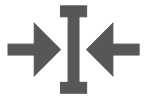
Tools made of shockproof insulated material

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 (Interable 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



1000V
IEC 60900

intercable
Locking
System



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



1000V
IEC 60900

intercable
Locking
System



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



DIN7449



1000V
IEC 60900

intercable
Locking
System



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 (±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 HANDLES

SERIES 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

INSULATED SOCKETS

SERIES 3/8"



DIN7448
DIN3124



fig. 1



Insulated 12-point female socket 3/8"

Description	Order No.	⓫ 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.	⓫ 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.	12 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.	12 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 1000V IEC 60900

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 1000V IEC 60900

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



ISO691 1000V IEC 60900

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



ISO691 1000V IEC 60900

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



ISO691 1000V IEC 60900



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

INSULATED SOCKETS

SERIES 1/2"

Insulated 12-point female socket 1/2"

Description	Order No.	12 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.	12 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

INSULATED SOCKETS

SERIES 1/2"



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



TOOL CASES AND EQUIPMENT



“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

TOOL CASES AND EQUIPMENT

"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 pliers 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



TOOL CASES AND EQUIPMENT



"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



STRIPPING TOOLS

PRODUCT OVERVIEW

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Insulation	Type	Order No.	Application range	Insulation thickness	Suggested application	1000V certified	Page
STRIPPING TOOLS FOR EXTERNAL INSULATION	AMS	AV6220	ø > 25 mm	0 - 5 mm	PVC / Rubber		69
	AMS 1000V	17130	ø > 25 mm	0 - 5 mm	PVC / Rubber	X	69
	AMS MAXI	AV6240	ø > 45 mm	0 - 5 mm	PVC / Rubber / Polyethylene		70
	MSU	AE6210	ø 24 - 60 mm	0 - 5 mm	Polyethylene / lead cables		71
	AMX	17300	ø 16 - 54 mm	0 - 5 mm	Polyethylene / fully bonded aluminium outer insulation		72
	AIS	17190	ø 16 - 54 mm	0,5 - 5 mm	High density polyethylene	X	73
	FSI 150	17170	6 - 150 mm ²	Preadjusted stripping inserts	ABC cables (overhead, twisted, insulated)	X	74
	FSI	AE6200	2.5, 4, 6 and 10 mm ²		Rigid and flexible single pole	X	75
STRIPPING TOOLS FOR SEMICONDUCTOR	FBS	17220	ø 10 - 52 mm	0 - 1,5 mm	Vulcanized, extruded, bonded semiconductive layer		76
	HLS	AV6400	ø 16 - 41 mm	0 - 2 mm	Non vulcanized, peelable semiconductive layer		77
STRIPPING TOOL FOR PRIMARY INSULATION	IMS 20 - 22kV	AV6310 + inserts	25 - 240 mm ²	Preadjusted stripping inserts	Any type of primary insulation		78
	IMS 10 - 11kV	AV6310 + inserts	25 - 240 mm ²	Preadjusted stripping inserts	Any type of primary insulation		78
	IMS II	17230	ø 15 - 52 mm	0 - 15 mm	Any type of primary insulation		80
STRIPPING TOOL FOR CHAMFERING PRIMARY INSULATION	UFS	17240	ø 15 - 60 mm		Any type of primary insulation		81
STRIPPING TOOL FOR ARMoured CABLE	Roller chains cutter	1609076	ø 20 - 76 mm cable up to 150 mm ²		Armoured cable		82



■ STRIPPING TOOLS FOR
EXTERNAL INSULATION

- AMS (AV6220)
- AMS 1000V (17131)
- AMS MAXI (AV6240)
- MSU (AE6210)
- AMX (17300)
- AIS (17190)
- FSI 150 (17170)
- FSI (AE6200)

■ STRIPPING TOOLS
FOR SEMICONDUCTOR

- FBS (vulcanized / bonded /
semiconductor) (17221)
- HLS (not vulcanized / semiconductor /
peeleable) (AV6410 & AV6411)

■ STRIPPING TOOL FOR
PRIMARY INSULATION

- IMS II (17231)
- IMS (AV6310)
- UFS (17241)

■ ARMoured WIRES

- Roller chain cutter (1609076)

WE

LOVE

TOOLS

ABI 1

Self adjustable cable stripper

NEW

2

ABI 1 Video



Precision

Cutting depth adjustable up to 3mm, thus no damage to the underlying layers of the cable

Efficency

Blade suitable for all types of cable insulation

Handling

No tilting due to axial pulling of the tool in the longitudinal direction

Safety

The innovative design ensures an injury-free working

Versatile

Setting of round, longitudinal and spiral cuts

Protection

The blocking system prevents opening in the position: longitudinal cut. This prevents the blade from breaking off due to misuse

Ergonomics

The optimally adapted shape of the tool enables fatigue-free working



APPLICATION RANGE	Ø 4,5 - 29 mm
INSULATION THICKNESS	3 mm
SUGGESTED APPLICATION	PVC and rubber

Description	Order No.	Weight	Length
Universal cable stripper	ABI1	150 g	140 mm
Spare blade	110059	-	-

- HANDY AND EFFORTLESS USAGE
- SMALL AND COMPACT DESIGN
- STEP BY STEP DEPTH ADJUSTMENT (IN CLICKS OF 0.1 MM)

- Very small self rotating (<200 mm)
- For every kind of insulation
- Easy to change blade

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

2



Universal cable stripper

APPLICATION RANGE	Ø 0,2 - 6 mm ²
INSULATION THICKNESS	ANY
SUGGESTED APPLICATION	PVC

Description	Order No.	Length
Universal cable stripper	PTS4	170 mm

- To strip off and cut flexible cables 0,2 - 6 mm²
- Integrated blade with safety lock
- Adjustable length

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!



Universal cable stripper 0,03 - 16 mm²

APPLICATION RANGE	Ø 0,03 - 16 mm ²
INSULATION THICKNESS	ANY
SUGGESTED APPLICATION	PVC

Description	Order No.	Length
Universal cable stripper	AB16	210 mm

- To strip off and cut flexible cables 0,03 - 16 mm²
- Integrated blade with safety lock
- Adjustable length

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!



Universal cable stripper

APPLICATION RANGE	Ø 6 - 16 mm ²
INSULATION THICKNESS	ANY
SUGGESTED APPLICATION	outer PVC insulation

Description	Order No.	Length
Universal cable stripper	AV8203	170 mm

- To strip off flexible cables 6 - 16 mm²

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

STRIPPING TOOLS FOR EXTERNAL INSULATION



AMS / AMS 1000V - Universal cable stripper for external insulation

APPLICATION RANGE	Ø > 25 mm
INSULATION THICKNESS	0 - 5 mm
SUGGESTED APPLICATION	PVC / Rubber

Technical characteristics:

- Designed to strip outer sheath from MV and LV cables
- Longitudinal and circular cuts
- Designed to strip ends and or middle parts
- Stripping without hurting the lower layers
- Interchangeable two-sided blade
- Snap closure mechanism (AMS only)

Additional features model AMS 1000V - 17130:

- Suitable for work on live parts up to 1000V AC und 1500V DC (model AMS 1000V - 1713 0 only)
- Model AMS 1000V is also designed for very low temperature uses, down to -40°C



Universal cable stripper AMS - AV6221



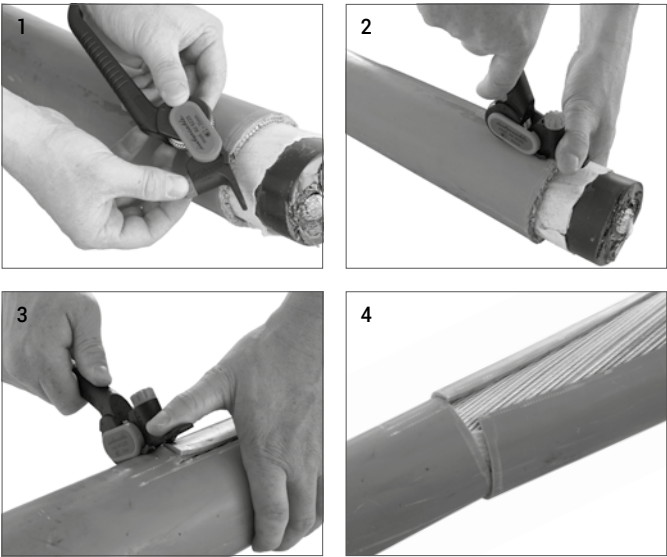
AMS-Set - AV6220



Universal cable stripper AMS 1000V - 1713 1



AMS 1000V-Set - 1713 0



- NO DAMAGING OF BELOW SURFACE
- SUITABLE FOR WORK ON LIVE PARTS (ONLY MODEL 17130)
- LONG LASTING PRECISE INTERCHANGEABLE TWO SIDED BLADE

Description	Order No.	Dimensions	Weight
Set: AMS	AV6220	160 x 65 x 35 mm	200 g
Set: AMS 1000V	17130	170 x 75 x 50 mm	200 g
Spare blade	AV6299	-	-

Set equipment:

- Plastic case to contain the tool and its instructions for use (AMS)
- Soft nylon case to contain the tool and its instructions for use (AMS 1000V)

STRIPPING TOOLS FOR EXTERNAL INSULATION

2



AMS MAXI - Universal cable stripper for large difficult cable insulation

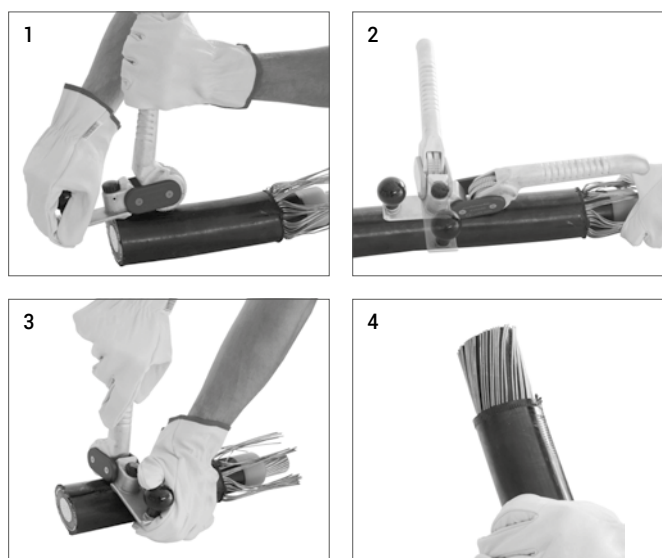
APPLICATION RANGE	Ø > 45 mm
INSULATION THICKNESS	0 - 5 mm
SUGGESTED APPLICATION	PVC / Rubber / Polyethylene

Technical characteristics:

- Designed to strip outer sheath from LV, MV and HV cables
- Longitudinal and circular cuts
- Designed to strip ends or middle parts
- Stripping without hurting the lower layers
- Interchangeable two-sided blade



Universal cable stripper AMS MAXI - AV6240



- NO DAMAGING OF BELOW SURFACE
- LONG LASTING PRECISE INTERCHANGEABLE TWO SIDED BLADE
- SUITABLE TO WORK ON LARGE DIFFICULT CABLES INSULATION



AMS MAXI-Set - AV6240

Description	Order No.	Dimensions	Weight
Set: AMS MAXI	AV6240	250 x 110 x 60 mm	800 g
Spare blade	AV6299	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- Soft nylon case to contain the tool and its instructions for use

STRIPPING TOOLS FOR EXTERNAL INSULATION

MSU - Special cable stripper for external insulation

APPLICATION RANGE	Ø 24 - 60 mm
INSULATION THICKNESS	0 - 5 mm
SUGGESTED APPLICATION	Polyethylene / lead cables

- Technical characteristics:
- Designed to strip outer sheath from MV and LV cables
 - Circular and helical cuts
 - Operates by simply rotating it around the cable axis
 - Designed to strip both ends
 - Interchangeable blade



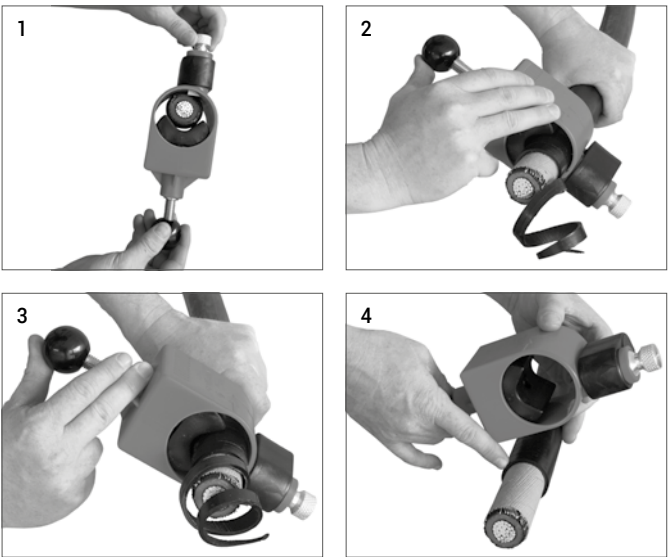
MSU - AE6210



Cable knife - AV3920



Soft case - AB6210



- NO DAMAGING OF BELOW SURFACE
- SUITABLE FOR WORK ON LIVE PARTS (ONLY MODEL 17130)
- LONG LASTING PRECISE INTERCHANGEABLE TWO SIDED BLADE

Description	Order No.	Dimensions	Weight
Set: MSU	AE6210	290 x 110 x 90 mm	900 g
Spare blade	AE6219	-	-

ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

- Set equipment:
- Special MSU cable stripper AE6211
 - Cable knife AV3920
 - Soft case AB6210

STRIPPING TOOLS FOR EXTERNAL INSULATION

2



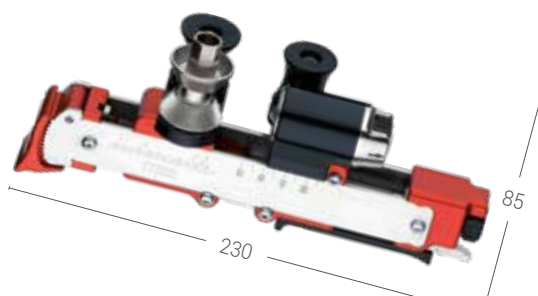
Norm: EN10020

AMX - Universal cable stripper for heavy duty outer sheaths

APPLICATION RANGE	Ø 16 - 54 mm
INSULATION THICKNESS	0 - 5 mm
SUGGESTED APPLICATION	Polyethylene / fully bonded aluminium outer insulation

Technical characteristics:

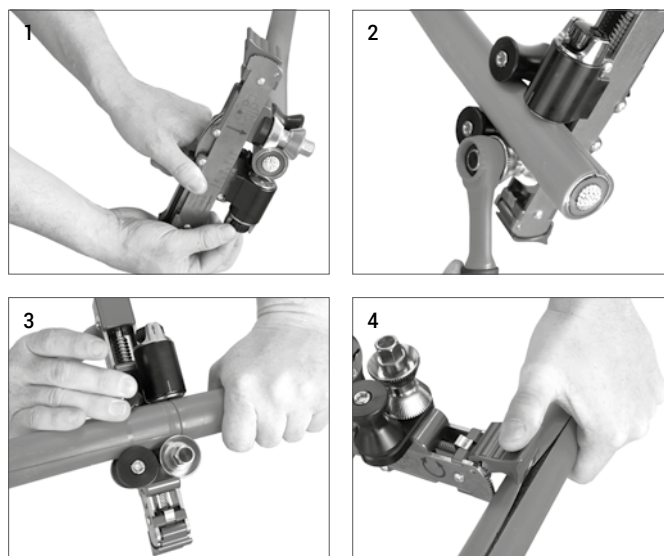
- Designed to strip aluminium armed outer sheaths of LV/MV
- Suitable for longitudinal and circular cutting
- Additional claw to break hard insulation
- The initial setting of the correct cable diameter is done by adjusting the handle
- The fixation of the device on the cable is performed by a quick-release system with toggle lever principle
- The cutting depth is adjustable in steps of 0,1 mm
- Switchable between longitudinal and circular cut
- Maximal rotation diameter of the tool: 300 mm



Cable stripper AMX - 1730 0-LOSE



Feed lever - 1719 4



- SMALL SELF ROTATING TO WORK ON LIMITED SPACE
- EASY AND PRECISE WORKING THROUGH FAST LOCKING SYSTEM
- GRADUALLY DEPTH ADJUSTMENT AND MAX. SAFETY OF OPERATOR



Soft nylon case - AB6230

Description	Order No.	Dimensions	Weight
Set: AMX	17300	260 x 140 x 65 mm	1,3 kg
Spare blade	17301	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- AMX - cable stripper 1730 0
- Feed lever 1719 4
- 2,5 mm Allen wrench 1710 1
- Soft nylon case AB6230

STRIPPING TOOLS FOR EXTERNAL INSULATION

2

AIS - Cable stripper for external insulation

APPLICATION RANGE	Ø 16 - 54 mm
INSULATION THICKNESS	0,5 - 5 mm
SUGGESTED APPLICATION	High density polyethylene

- Technical characteristics:
- Longitudinal and circular cuts on MV cables
 - Used to work on live parts up to 1000V AC and 1500V DC
 - Designed to strip ends or middle parts
 - Hooked blade for removing the sheath that has been cut
 - 100° tool rotation makes a complete 360° circumference cut
 - Longitudinal feed in both directions using the ratchet lever
 - Electrically insulated interchangeable blades
 - Two-component handles in compliance with CEI/EN60900 Standards
 - The tool head (except for the blades) is totally insulated



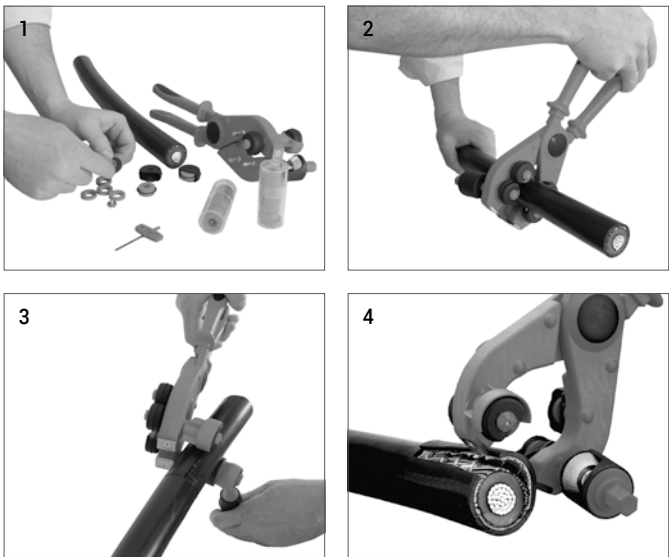
Cable stripper AIS - 1719 6



Feed lever - 1719 4



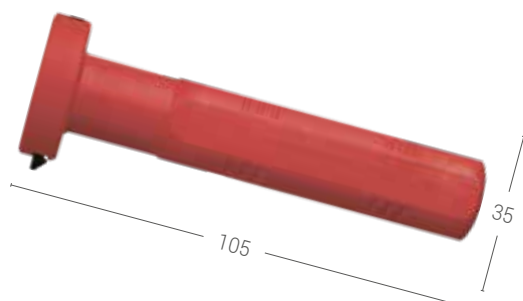
AIS-Set - 1719 0



- ADJUSTABLE CUTTING DEPTH LIMITATION
- SUITABLE TO WORK ON LIVE PARTS
- FEED LEVER FOR PRECISE WORKING AND MAX. SAFETY OF OPERATOR

Description	Order No.	Dimensions	Weight
Set: AIS	17190	390 x 340 x 90 mm	2,0 kg
Spare blade	17195	-	-

- Set equipment:
- AIS - cable stripper 1719 6
 - Feed lever 1719 4
 - 10 x 14 Colored identification washers -
 - 2 Spare screws to fasten the blade 1719 7
 - 2,5 mm Allen wrench 1710 1
 - Rigid resin case AB17190



Insulated handle - 1717 1



Stripping insert - 1717...



FSI 150 - Set - 1717 0

FSI 150 - Insulated wire stripper for ABC cables

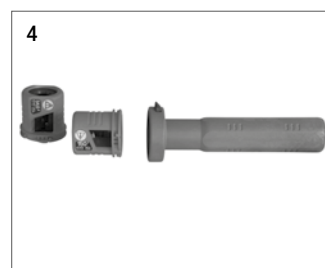
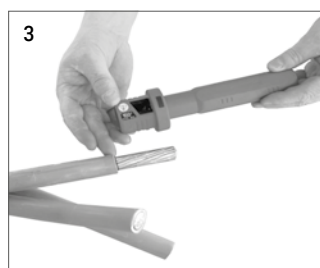
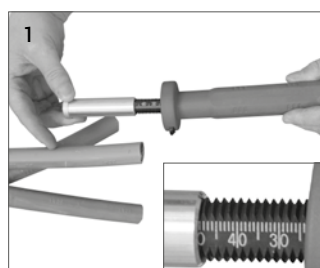
APPLICATION RANGE	6 - 150 mm ²
INSULATION THICKNESS	Preadjusted stripping inserts
SUGGESTED APPLICATION	ABC cables (overhead, twisted, insulated)

Technical characteristics:

- Designed to work on live parts up to 1000V AC and 1500V DC
- Stripping depth adjustment built inside the handle
- Insulated handle with bayonet connection
- Stripping length adjustable from 20 to 80 mm
- Scale marked on the built-in device to display the preset length
- Interchangeable blade

Inserts available:

- Stripping insert 6 mm² 1717 006
- Stripping insert 10 mm² 1717 010
- Stripping insert 16 mm² 1717 016
- Stripping insert 25 mm² 1717 025
- Stripping insert 35 mm² 1717 035
- Stripping insert 50 mm² 1717 050
- Stripping insert 54,6 mm² 1717 054
- Stripping insert 70 mm² 1717 070
- Stripping insert 95 mm² 1717 095
- Stripping insert 150 mm² 1717 150
- Other inserts on request



- EASY HANDLING THROUGH PREADJUSTED INSERTS
- SUITABLE TO WORK ON LIVE PARTS 1000V
- DESIGNED TO WORK IN LIMITED SPACE

Description	Order No.	Dimensions	Weight
Set: FSI 150	17170	235 x 210 x 55 mm	950 g
Spare blade	17179	-	-

Set equipment:

- Insulated handle 1717 1
- Stripping inserts: 16, 25, 35, 50, 54,6, 70 mm²
- 3 Spare blades 1717 9
- Allen wrench 2,5 mm 1710 0
- Rigid resin case AB17170

STRIPPING TOOLS FOR EXTERNAL INSULATION

2



 1000V
IEC 60900

FSI - Insulated wire stripper for cables from 2.5 to 10 mm²

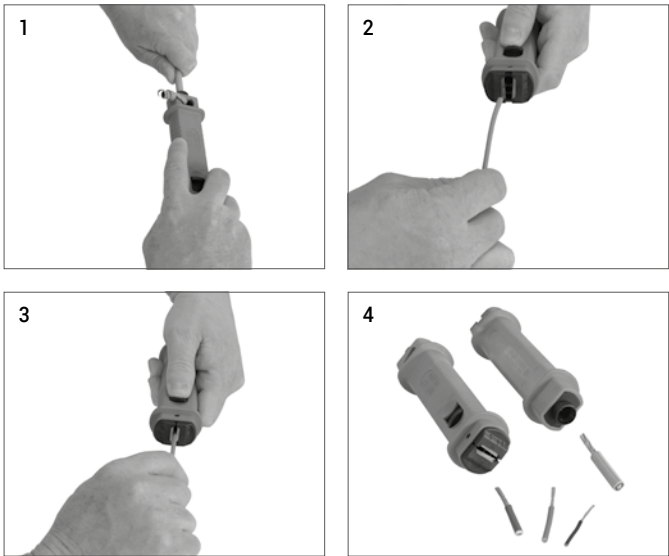
RIGID SINGLE POLE	10 mm ²
FLEXIBLE SINGLE POLE	2,5 - 4 - 6 mm ²

Technical characteristics:

- 20 mm stripping depth
- Blade built into the tool
- The tool can be used with one hand only and allow easy stripping of cables lengths of 20 mm
- The tool is provided with two hand - guards. Central handling permits all stripping operations
- Blades are located in a secure position to prevent accidental contact with worker's hands during the stripping operations and to assure the clean stripping of the insulation



Wire stripper - AE6200



- EASY HANDLING THROUGH PREADJUSTED INSERTS
- SUITABLE TO WORK ON LIVE PARTS 1000V
- DESIGNED TO WORK IN LIMITED SPACE



Soft nylon case - AB6200

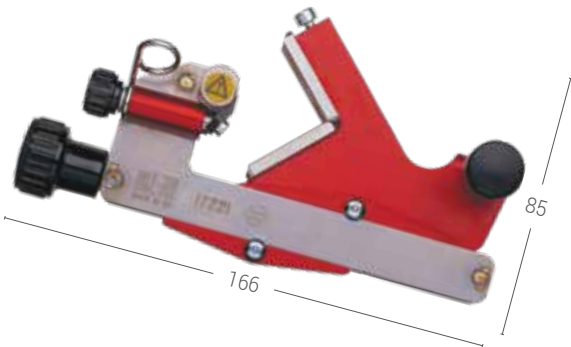
Description	Order No.	Dimensions	Weight
Set: FSI	AE6200	175 x 65 x 50 mm	150 g

Set equipment:

- Insulated stripping tool AE6200
- Soft nylon case AB6200



Norm: EN10020



Cable stripper FBS - 1722 1



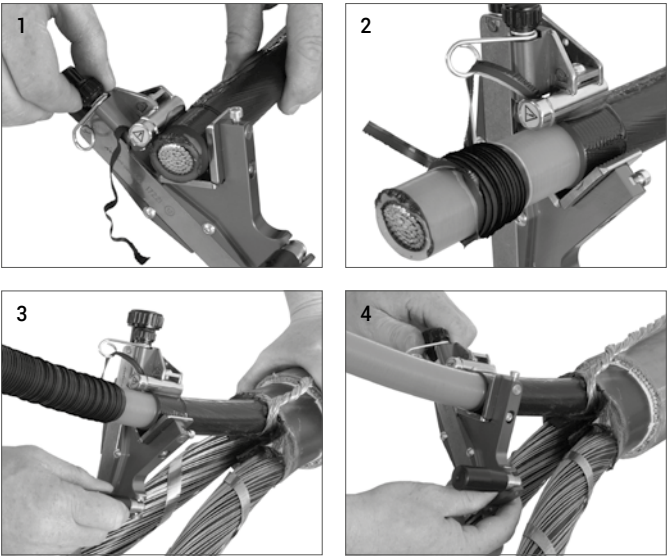
FBS-Set - 1722 0

FBS - Cable stripper for vulcanized semiconductive layer

APPLICATION RANGE	Ø 10 - 52 mm
INSULATION THICKNESS	0 - 1,5 mm
SUGGESTED APPLICATION	Vulcanized, extruded, bonded semiconductive layer

Technical characteristics:

- Positioning on the cable comparable to a vice system
- Axial feed activation/deactivation device (usable in both directions):
Through the stripping operation starting from outside of the cable, 25mm of the semicon layer will not be stripped (as shown in the pictures). By the stripping operation from inside to outside about 6 mm of semicon layer will remain.
- Stripping can be done starting from any position on the cable
- Maximal rotating diameter 200 mm
- Interchangeable blade



- SMALL AND COMPACT DESIGN
- PERFECT CIRCULAR CUT
- STEP BY STEP DEPTH ADJUSTMENT (WITH LOCKING POSSIBILITY)

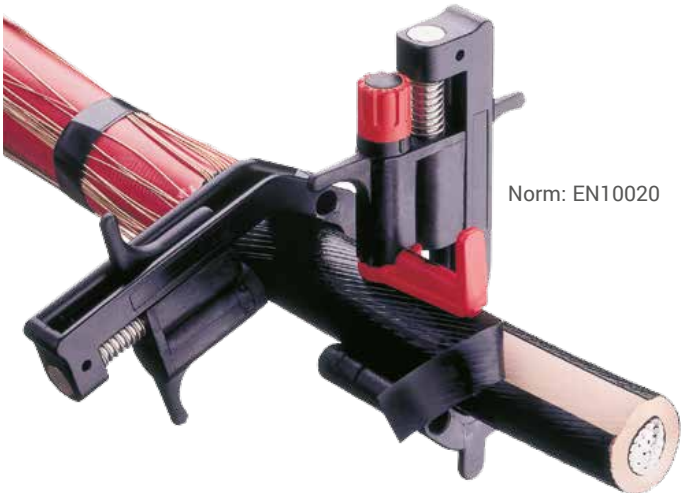
Description	Order No.	Dimensions	Weight
Set: FBS	17220	235 x 200 x 55 mm	800 g
Spare blade 17"	17142	-	-
Spare parts kit (2x plates, 1x roll, suitable screws)	17145	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- FBS - cable stripper 1722 1
- 2,5 mm Allen wrench 1710 0
- Tube of silicone grease AG1013
- Rigid resin case AB17220

STRIPPING TOOLS FOR SEMICONDUCTOR



Norm: EN10020

HLS - Cable stripper for non-vulcanized semiconductive layer

APPLICATION RANGE	Ø 16 - 41 mm
INSULATION THICKNESS	0 - 2 mm
SUGGESTED APPLICATION	Non vulcanized, peelable semiconductive layer

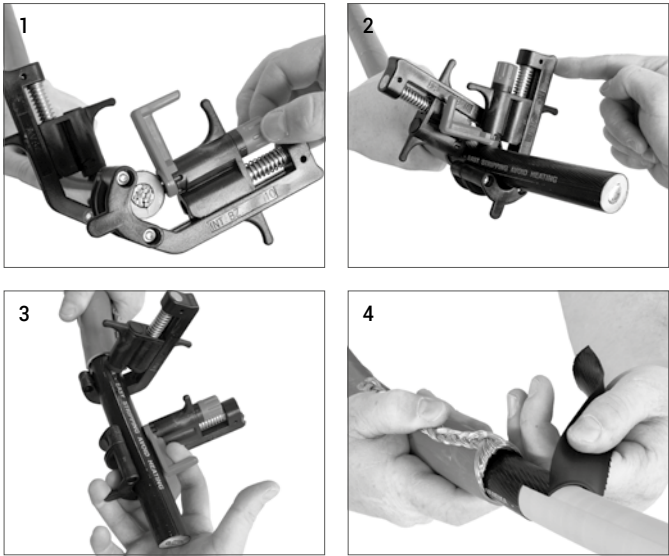
- Technical characteristics:
- To strip the non-vulcanized semiconductive layer of MV cables
 - Longitudinal, helical and circular cuts
 - Positioned on the cable comparable to a vice system
 - Stop clamp to limit the stripping length
 - Gradually depth adjustment
 - Maximal rotating diameter 130 mm
 - The positioning of the stripper and holding of stops-clamp is assured by the pressure of the spring
 - The incision depth can be adjusted from 0 to 0,9 mm with 0,1 mm steps each by turning the corresponding knob
 - The start of longitudinal incision can be done in exact correspondence with the circumferential incision.



Cable stripper - AV6410



Stop clamp - AV6411



- SMALL AND COMPACT DESIGN
- PERFECT PRECISE CIRCULAR CUT
- NO INCISIONS ON SURFACE BELOW

Description	Order No.	Dimensions	Weight
Set: HLS	AV6400	175 x 65 x 50 mm	600 g
Spare blade	AV6499	-	-

ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

- Set equipment:
- HLS - cable stripper AV6410
 - Stop clamp AV6411
 - Tube of silicone grease AG1013
 - Rigid resin case AB6400



HLS-Set - AV6400

STRIPPING TOOLS FOR PRIMARY INSULATION

2



Norm: EN10020



Handle - AV6300



Stripping insert - AV63...



IMS 20kV-Set - AV6310

IMS - Cable stripper for primary insulation

APPLICATION RANGE	25 - 240 mm ²
INSULATION THICKNESS	Preadjusted stripping inserts
SUGGESTED APPLICATION	Any type of primary insulation

Technical characteristics:

- Suitable for MV cables 10/11kV or 20/22kV
- Stripping length adjustable from 20 to 100 mm using the device integrated in the handle
- Scale marked on the handle for preset stripping length
- Handle with bayonet connection
- Interchangeable blade

Inserts available:

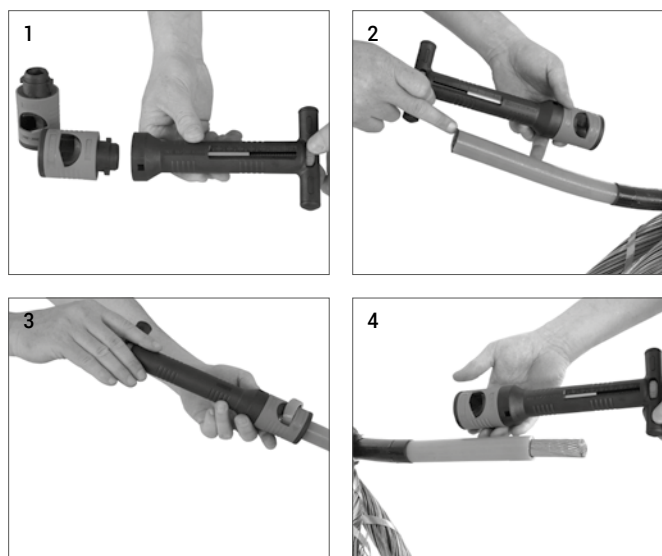
10 - 11kV

- Insert for 35 mm² 1716021
- Insert for 50 mm² 1716024
- Insert for 120 mm² 1716013
- Insert for 150 mm² 1716027
- Insert for 185 mm² 1716020
- Insert for 240 mm² 1716006

20 - 22kV

- Insert for 25 mm² AV63025
- Insert for 35 mm² AV63035
- Insert for 50 mm² AV63050
- Insert for 70 mm² AV63070
- Insert for 95 mm² AV63095
- Insert for 120 mm² AV63120
- Insert for 150 mm² AV63150
- Insert for 185 mm² AV63185
- Insert for 240 mm² AV63240

Other inserts available on request (10kV, 30kV, customized sizes), by sending PE-Coating Ø and Conductor Ø in mm



- EASY HANDLING THROUGH PREADJUSTED INSERTS
- ADJUSTABLE STRIPPING LENGTH
- DESIGNED TO WORK IN LIMITED SPACE

Description	Order No.	Dimensions	Weight
Set: IMS 20kV	AV6310	330 x 290 x 75 mm	600 g
Set: IMS 20kV + AMS	AV6320	330 x 290 x 75 mm	1,70 kg
Spare blade	AV6399	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment: - AV6310:

- Handle AV6300
- Stripping inserts 25, 35, 50, 70, 95, 120, 150, 185, 240 mm²
- Rigid resin case AB6300

Set equipment - AV6320 like model AV6310 including:

- AMS - cable stripper AV6221

STRIPPING TOOLS FOR PRIMARY INSULATION

2



Cable stripper for primary insulation

APPLICATION RANGE	300 or 400 mm ²
INSULATION THICKNESS	Preadjusted stripping inserts
SUGGESTED APPLICATION	Any type of primary insulation

- Technical characteristics:
- Suitable for MV cables 10/11kV or 20/22kV
 - Unlimited stripping length
 - Devise with two integrated handles
 - Interchangeable blade
 - Designed to strip both ends

- UNLIMITED STRIPPING LENGTH
- EXCELLENT TO WORK IN EMPTY SPACE
- COMFORTABLE HANDLING



Description	Order No.	Dimensions	Weight
Stripping insert for 300 mm ²	AV63300	231 x 90 mm	1380 g
Stripping insert for 400 mm ²	AV63400	231 x 90 mm	1330 g

STRIPPING TOOLS FOR PRIMARY INSULATION

2



Norm: EN10020



Stripping Tool IMS II - 1723 1



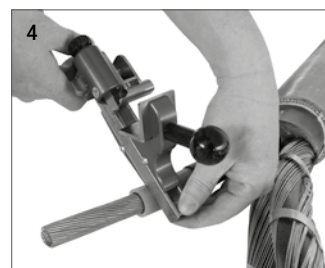
IMS II-Set - 1723 0

IMS II - Universal cable stripper for primary insulation

APPLICATION RANGE	Ø 15 - 52 mm
INSULATION THICKNESS	0 - 15 mm
SUGGESTED APPLICATION	Any type of primary insulation

Technical characteristics:

- Designed to remove the primary insulation of 6 to 45kV cables
- Helical and circular cuts
- Max. rotating diameter 220 mm
- Snap knob to activate/deactivate axial feed
- Positioned on the cable like a vice system
- Designed to strip both ends
- Unlimited stripping length
- Interchangeable blade



- REDUCED ROTATION ENABLES TO WORK ON LIMITED SPACE
- PERFECT CIRCULAR CUT
- NO INCISIONS ON SURFACE BELOW

Description	Order No.	Dimensions	Weight
Set: IMS II	17230	280 x 210 x 65 mm	1,0 kg
Spare blade	17232	-	-
Spare parts kit (2x plates, 1x roll, suitable screws)	17235	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- IMS II - cable stripper 1723 1
- 2,5 mm Allen wrench 1710 0
- Tube of silicone grease AG1013
- Rigid resin case AB17230

STRIPPING TOOLS FOR PRIMARY INSULATION

2

UFS - Tool for chamfering primary insulation

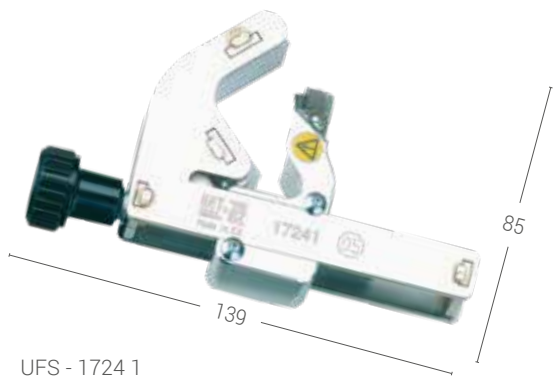
APPLICATION RANGE	Ø 15 - 60 mm
SUGGESTED APPLICATION	Any type of primary insulation

Technical characteristics:

- Designed for chamfered cuts of primary insulation of MV cables (2 x 45°)
- Positioning on the cable with a clamp system
- Tool fitted with PTFE plates ensuring optimal sliding on the cable without the use of silicone paste
- Replaceable blade
- Rotation diameter max. 130 mm
- This tool is not suitable for pencilling



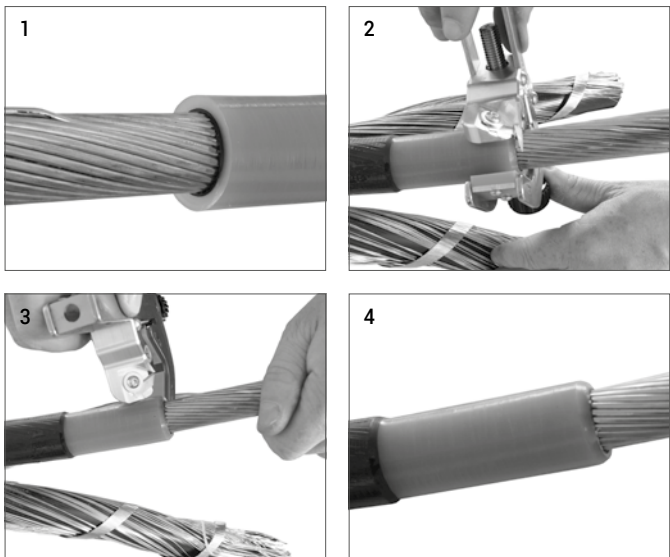
Norm: EN10020



UFS - 1724 1



UFS-Set - 1724 0



- SMALL SELFROTATING TO WORK ON LIMITED SPACE
- EASY HANDLING THROUGH 1 ADJUSTING KNOB
- UNIVERSAL UP TO 45 KV

Description	Order No.	Dimensions	Weight
Set: UFS	17240	170 x 100 x 50 mm	390 g
Spare blade	17242	-	-

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- UFS - tool for chamfered cuts of primary insulation 1724 1
- 2,5 mm Allen wrench 1710 0
- Soft nylon case AB17130

CUTTING TOOL FOR ARMoured CABLE

2



Roller chains cutter - 1609076



Available in different sizes
(cable Ø 6-92 mm) on request

Pressure spring RF5 - 126299



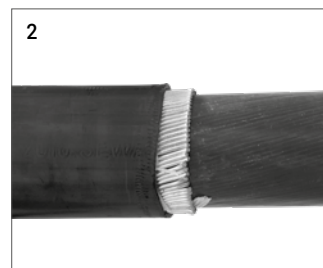
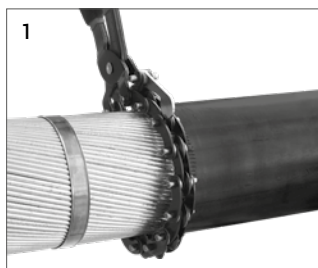
Soft nylon case - AB6230

Roller chains cutter

APPLICATION RANGE	Ø 20 - 76 mm
SUGGESTED APPLICATION	Armoured cables

Technical characteristics:

- Designed for effortless and fast settling of the F-armouring
- Practical tool, works in hard-to-reach areas small space for turning



- PERFECT STRAIGHT CLEAN CUT
- QUICK SETTLING AROUND THE CABLE
- EASY HANDLING

Description	Order No.	Dimensions	Weight
Set roller chains cutter	1609076	260 x 140 x 65 mm	0,8 kg

■ ATTENTION: NOT SUITABLE FOR WORK UNDER VOLTAGE!

Set equipment:

- Roller chains cutter 1609076
- Pressure spring RF5 126299
- Soft nylon case AB6230



Set - Stripping tools - 1799 001

Suitable to strip the outer sheaths, semiconductive layer and to remove the primary insulation. Optimal equipment for the realization of the entire stripping procedure of most diverse cable types.

Description	Order No.	Dimensions	Weight
Set: Stripping tools	1799001	390 x 340 x 100 mm	4,0 kg

- Set equipment:
- AIS - cable stripper 1719 6
 - Feed lever 1719 4
 - 14 pieces of 10 colored indication washers -
 - 2 spare screws to fasten the blade 1719 7
 - FBS - cable stripper 1722 1
 - IMS II - cable stripper 1723 1
 - Tube of silicone grease AG1013
 - 2,5 mm Allen wrench 1710 0
 - Rigid resin case 1799 000



Set - Stripping tools - 1799 002

Suitable to strip the outer sheaths, semiconductive layer and to remove the primary insulation. Optimal equipment for the realization of the entire stripping procedure of most diverse cable types

Description	Order No.	Dimensions	Weight
Set: Stripping tools	1799002	390 x 340 x 100 mm	3,0 kg

- Set equipment:
- Universal cable stripper - AMS AV6221
 - IMS II - cable stripper 1723 1
 - FBS - cable stripper 1722 1
 - Cable knife AV3920
 - Special electricians scissors 1601 0
 - Tube of silicone grease AG1013
 - 2,5 mm Allen wrench 1710 0
 - Rigid resin case AG3000

- Optional (to be ordered separately):
- Handle IMS 20kV AV6300
 - 4 stripping inserts of your choice (see page xx) AV63...



Set - Stripping tools for MV cable

Suitable to strip the outer sheaths, semiconductive layer and to remove the primary insulation on 10 / 20 / 30 kV cables

Description	Order No.	Dimensions	Weight
Set: Stripping MV cable	1799004	390 x 340 x 100 mm	3,4 kg

Set equipment:

• AMX cable stripper	1730 0
• Feed lever	1719 4
• AMS cable stripper without case	AV6221
• FBS wire stripper	1722 1
• Cable stripper IMS II	1723 1
• UFS - tool for chamfered cuts of primary insulation	1724 1
• Tube of silicone grease	AG1013
• 2,5 mm Allen wrench	1710 0
• Rigid resin case	AB17250



AMX - AIRBAG - Complete cable stripping tool set for AIRBAG-cable

Designed for complete stripping of individual sheaths from AIRBAG cables. AMX stripping pliers can also cut into the POLYLAM jacket without touching the semiconductive layer below

Description	Order No.	Dimensions	Weight
Set: AMX - AIRBAG	17210	390 x 340 x 100 mm	3,2 kg

Set equipment:

• AMX cable stripper	1730 0
• Feed lever	1719 4
• AMS cable stripper without case	AV6221
• FBS wire stripper	1722 1
• Handle for IMS	AV6300
• Spec. 70 mm ² stripping insert	1716 012
• Spec. 185 mm ² stripping insert	1716 010
• 3 spare blades for IMS insert	AV6399
• Universal knife with blade guard	AV3910
• 3 spare blades for universal knife	AV3911
• Special electricians scissors	1601 0
• Round jacket spread	652 002
• Tube of silicone grease	AG1013
• 2,5 mm Allen wrench	1710 0
• Rigid resin case	AB17240



1716 010 - Stripping insert for reduced insulation - section 185 mm²



1716 012 - Stripping insert for reduced insulation - section 70 mm²



AIS - AIRBAG - Complete cable stripping tool set for AIRBAG-cable

Designed for complete stripping of individual sheaths from AIRBAG cables. AIS - AIRBAG stripping pliers can also cut into the POLYLAM jacket without touching the semiconductive layer below

Description	Order No.	Dimensions	Weight
Set: AIS - AIRBAG	17200	390 x 340 x 100 mm	3,2 kg
Set: AIS - AIRBAG red.	17201	390 x 340 x 100 mm	1,9 kg

Set equipment (1720 0):

- AIS - AIRBAG cable stripper 1719 8
- Feed lever 1719 4
- 2 blade fastening screws (spares) 1719 7
- Set of spare blades with washers 1719 9
- AMS cable stripper without case AV6221
- FBS wire stripper 1722 1
- Handle for IMS AV6300
- Spec. 70 mm² stripping insert 1716 012
- Spec. 185 mm² stripping insert 1716 010
- 3 spare blades for IMS insert AV6399
- Universal knife with blade guard AV3910
- 3 spare blades for universal knife AV3911
- Special electricians scissors 1601 0
- Round jacket spread 652 002
- Tube of silicone grease AG1013
- 2,5 mm Allen wrench 1710 0
- Rigid plastic case AB17200

Reduced equipment (1720 1):

- AIS - AIRBAG cable stripper 1719 8
- Feed lever 1719 4
- Blade fastening screws (spares) 1719 7
- Set of spare blades with washers -
- 2,5 mm Allen wrench 1710 1
- Rigid resin case AB17200



Set 1 - Stripping tools for armoured cables

Description	Order No.	Dimensions	Weight
Set 1	1799005	390 x 340 x 100 mm	3,2 kg

Set equipment:

- AMS cable stripper without case AV6221
- FBS wire stripper 1722 1
- Cable stripper IMS II 1723 1
- UFS - tool for chamfered cuts of primary insulation 1724 1
- Tube of silicone grease AG1013
- Roller chains cutter 1609076
- 2x pressure spring RF5 126299
- 2,5 mm Allen wrench 1710 0
- Rigid resin case AB17260



Set 2 - Stripping tools for armoured cables

Description	Order No.	Dimensions	Weight
Set 2	1799006	390 x 340 x 100 mm	3,9 kg

- Set equipment:
- Cable stripper AMS-MAXI without case AV6240
 - Cable stripper IMS II 1723 1
 - FBS wire stripper 1722 1
 - UFS - tool for chamfered cuts of primary insulation 1724 1
 - Roller chains cutter 1609076
 - 2x pressure spring RF5 126299
 - Tube of silicone grease AG1013
 - 2,5 mm Allen wrench 1710 0
 - Rigid resin case AB17260



Set 3 - Stripping tools for armoured cables

Description	Order No.	Dimensions	Weight
Set 3	1799007	390 x 340 x 100 mm	3,7 kg

- Set equipment:
- Cable stripper AMS-MAXI without case AV6240
 - Cable stripper IMS II 1723 1
 - UFS - tool for chamfered cuts of primary insulation 1724 1
 - HLS - cable stripper AV6410
 - Stop clamp AV6411
 - Roller chains cutter 1609076
 - 2x pressure spring RF5 126299
 - Tube of silicone grease AG1013
 - 2,5 mm Allen wrench 1710 0
 - Rigid resin case AB17260



Set 4 - Stripping tools for armoured cables

Description	Order No.	Dimensions	Weight
Set 4	1799008	390 x 340 x 100 mm	3,0 kg

- Set equipment:
- AMS cable stripper without case AV6221
 - Cable stripper IMS II 1723 1
 - UFS - tool for chamfered cuts of primary insulation 1724 1
 - HLS - cable stripper AV6410
 - Stop clamp AV6411
 - Roller chains cutter 1609076
 - 2x pressure spring RF5 126299
 - Tube of silicone grease AG1013
 - 2,5 mm Allen wrench 1710 0
 - Rigid resin case AB17260



Stripping tools KIT

Description	Order No.	Dimensions	Weight
Set 5	1799013	390 x 340 x 100 mm	3,0 kg

- Set equipment:
- AMS cable stripper without case AV6221
 - Cable stripper IMS II 1723 1
 - HLS - cable stripper AV6410
 - Stop clamp AV6411
 - Tube of silicone grease AG1013
 - FBS wire stripper 1722 1
 - UFS - tool for chamfered cuts of primary insulation 1724 1
 - 2,5 mm Allen wrench 1710 0
 - FBS wire stripper 1722 1
 - Rigid resin case



Tool kit for cable jointers

Basic equipment (AG2020):

• Case	AG2000
• 1/20 sliding caliper 150 mm	AG1001
• Measuring rod 3 m	7406 030
• Steel brush for files	AG1014
• Rasp without handle	AG1005
• Half round file with handle	AG1004
• Screwdriver slotted screws 3x100 mm FII	1301 030
• Screwdriver slotted screws 4x100 mm FII	1301 040
• Screwdriver slotted screws 5x125 mm FII	1301 055
• Ball-point screwdriver hex socket 6 mm FII	1305 060
• Mallet 300 g	7130 582
• Mallet Ø 35 mm	AG1010
• Sheath spreader	AG1011
• Special electricians' scissors	1601 1
• Cable knife with interch. blade	AV3920
• Spare blade for AV3920	AV3921
• Knife with trapezoidal blade	AV3910
• 3 spare blades for AV3910	AV3911
• High precision lens with light	AG1012
• Universal pliers 180 mm	AP0119 N
• Cable cutter 160 mm	AP1017
• Tube of silicone grease	AG1013
• 2,5 mm Allen wrench	1710 0



Codes for kit with additional tools:

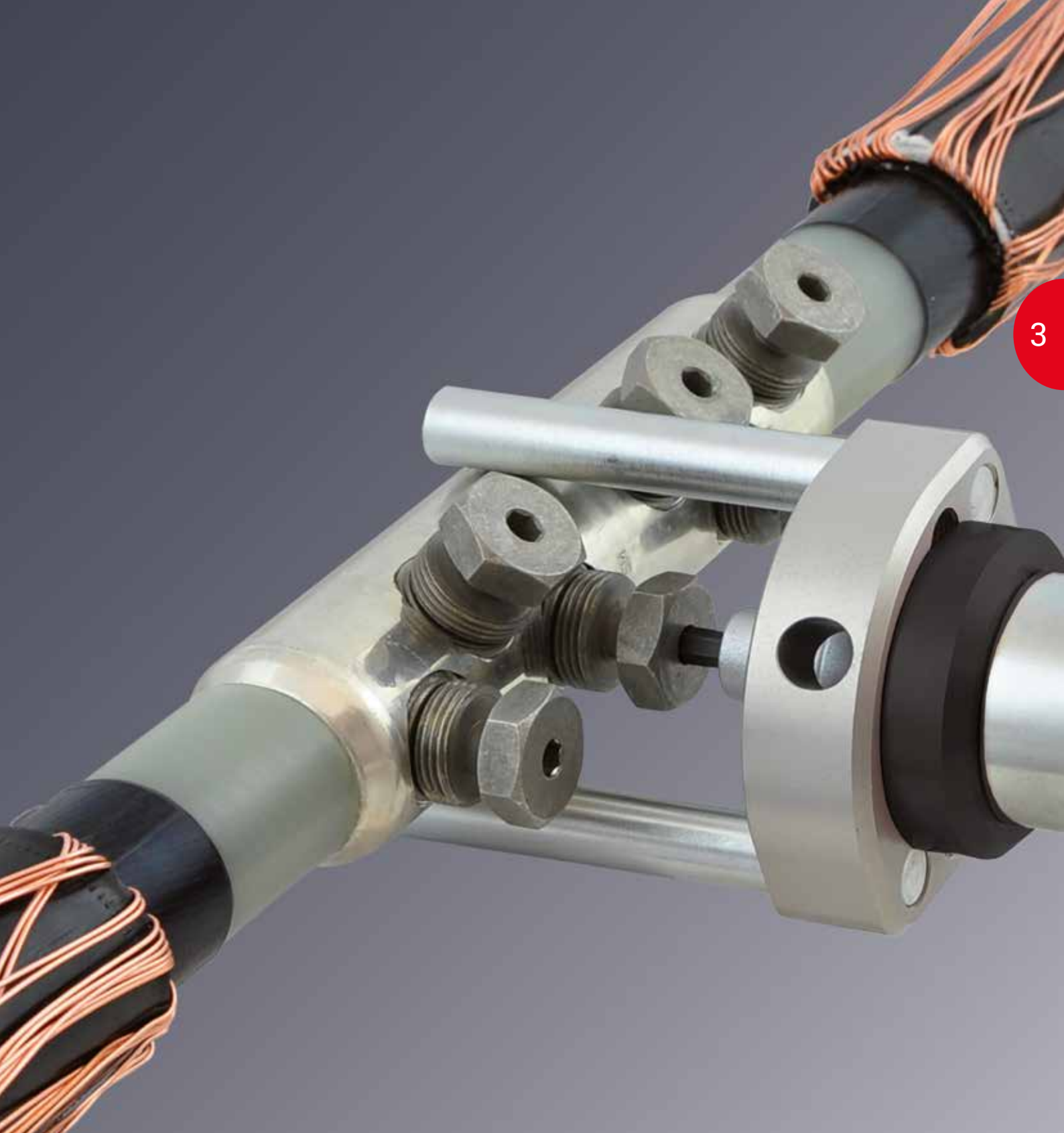
AG2020+...	A	B	C	D	E	F
	Ratchet cable cutter Ø 54 mm 	Cable stripper AMS (without case) (see page 69) 	Stripper MV cables IMS20kV (without case) (see page 78) 	Stripper non-vulcanized semiconductive - HLS (without case) (see page 77) 	Stripper vulcanized semiconductive - FBS (without case) (see page 76) 	Tool for chamfering primary insulation - UFS (without case) (see page 81) 

Example of ordering: AG2020ADF

Equipment:

- AG2020 - standard case
- A - ratchet cutter
- D - HLS stripper
- F - UFS chamfering tool

Description	Order No.	Dimensions	Weight
Basic tool kit	AG2020	450 x 380 x 200 mm	6,3 kg
Individual tool kit	AG2020...	450 x 380 x 200 mm	-
Empty case	AG2000	450 x 380 x 200 mm	3,7 kg



TOOLS FOR MECHANICAL CONNECTORS

3



Clamp device for screw connectors

Description	Order No.	Dimensions	for screw connectors Ø	Weight
Clamp device for screw connectors all sizes	161910	310 mm	25 - 50 mm	540 g
Clamp device for screw connectors all sizes	161900	280 mm	14 - 32 mm	400 g
Clamp device for screw connectors to Ø 15 mm	161906	240 mm	0 - 15 mm	350 g

- For a better handling of screw connectors on the installation of connecting boxes
- Infinitely adjustable
 - for screw connectors 16 mm² - 240 mm² (161910)
 - for screw connectors 2.5 mm² - 150 mm² (161900)
 - for screw connectors 1.5 mm² - 16 mm² (161906)
 - maximum holding capacity Ø 15/32/50 mm

TOOLS FOR MECHANICAL CONNECTORS



Clamp device for screw connectors

Description	Order No.	Dimensions	Weight
Clamp device	22013	192 x 65 x 64 mm	350 g

Gives excellent clamping while screwing on screw connectors with diameters from 14 to 40mm.

Technical characteristics:

- Can work on live parts with voltages up to 1000V AC and 1500V DC
- Vice clamp system
- Usable with insulated and non-insulated connectors
- Insulated in compliance with IEC 60900/IEC900 Standards
- Tool designed for very low temperature work, down to -40°C

Standards:

- IEC 60900
- IEC 900
- EN10020

3



Set clamp device for screw connectors

Description	Order No.	Dimensions	Weight
Set clamp device	22010	192 x 140 x 40 mm	1,8 kg

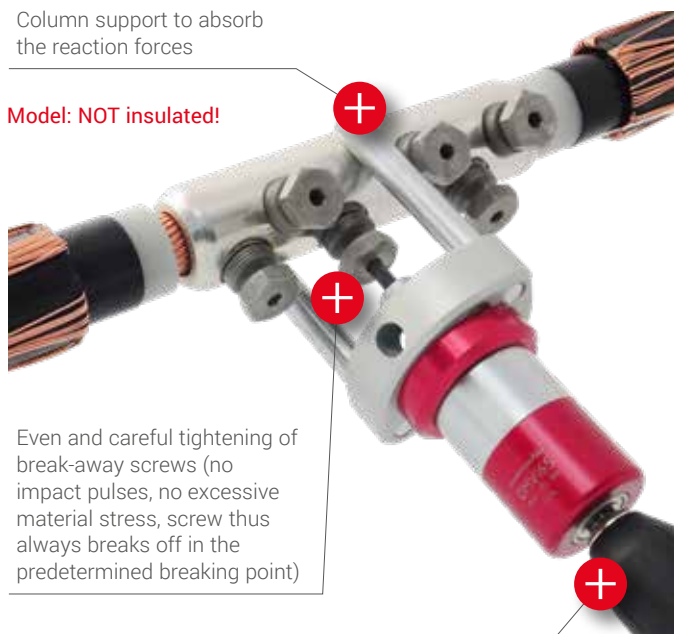
Set equipment:

- Clamp device 2201 3
- Insulated reversible ratchet wrench ½" 1502 1
- Insulated 12-point female socket 13 1504 113
- Insulated 12-point female socket 17 1504 117
- Insulated 12-point female socket 19 1504 119
- Insulated male hex socket 5 1505 105
- Insulated male hex socket 6 1505 106
- Insulated male hex socket 8 1505 108

TOOLS FOR MECHANICAL CONNECTORS

Column support to absorb the reaction forces

Model: NOT insulated!



Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point)

Cost saving compared to conventional impact wrenches (DMVI 65 can be used with any conventional cordless screwdriver)

Torque amplifier for screw connectors

For controlled tightening of break-away screws on screw connectors, usable with all standard cordless screwdrivers with a chuck holder up to min. Ø 14 mm

Description	Order No.	Dimensions	Weight
Set of torque amplifiers	DMVI65	370x245x115 mm	approx. 1925 g

Technical characteristics:

- Simple and precise handling
- Material-friendly tightening of the screws by means of a transmission multiplier
- Transmission ratio 1: 24
- Use with standard cordless screwdriver
- Load capacity up to 65 Nm
- 3-edge adapter for drill chucks min. Ø 14 mm
- Tool dimensions: 199 x 89 mm
- Tool weight: approx. 1050 g

ATTENTION: DO NOT USE IN COMBINATION WITH IMPACT WRENCHES!



Torque amplifier set for screw connectors

Set equipment:

- Torque amplifier DMVI65
- Allen wrench SW5
- Spanner sockets SW10, SW13, SW14, SW17, SW19, SW22, SW24
- Wrench inserts SW5, SW6, SW8, SW10
- Case
- Use instructions



Wrench inserts



Spanner sockets

Spare parts:

Spanner sockets:

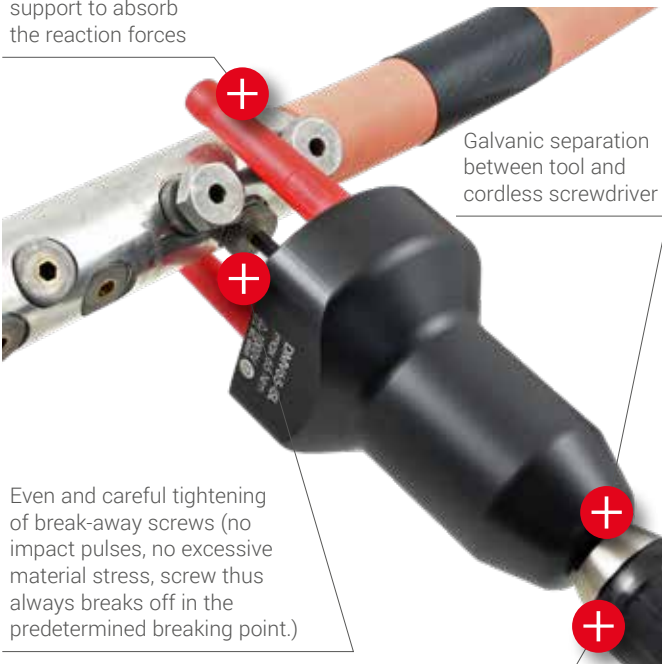
• SW10	109159
• SW13	109160
• SW14	109161
• SW17	109162
• SW19	109163
• SW22	109164
• SW24	109165

Wrench inserts:

• SW5	M3105
• SW6	M3106
• SW8	M3108
• SW10	M3110

TOOLS FOR MECHANICAL CONNECTORS

Insulated pillar support to absorb the reaction forces



Galvanic separation between tool and cordless screwdriver

Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point.)

Cost saving compared to conventional impact wrenches (DMVI 65 can be used with any conventional cordless screwdriver)



1000V
IEC 60900

Set of torque amplifiers electrically isolated - 1000V

Suitable for mounting screw connectors with voltage up to 1,000V

Description	Order No.	Dimensions	Weight
Set of torque amplifiers	DMVI-ISL	370x245x115 mm	approx. 3 kg

Technical characteristics:

- Simple and precise handling
- Insulated/ touch-protected pillar support to absorb the reaction forces
- 3-edge adapter for drill chucks min. Ø 14 mm
- Use with standard cordless screwdriver
- Material-friendly tightening of the screws by means of a transmission multiplier
- Transmission ratio 1: 24
- Load capacity up to 65 Nm
- Tool dimensions: 97 x 240 mm
- Tool weight: approx. 1050 g

ATTENTION: DO NOT USE IN COMBINATION WITH IMPACT WRENCHES!

Set equipment:

- Set DMV65-PTG
- Case with foam insert
- Insulated torque amplifier
- Angle screwdriver S5
- Allen screwdriver bit 1/2" - 05
- Allen screwdriver bit 1/2" - 06
- Allen screwdriver bit 1/2" - 08
- Allen screwdriver bit 1/2" - 10
- Wrench socket 1/2" x 10
- Wrench socket 1/2" x 13
- Wrench socket 1/2" x 14
- Wrench socket 1/2" x 17
- Wrench socket 1/2" x 19
- Wrench socket 1/2" x 22
- Wrench socket 1/2" x 24
- Operating instructions

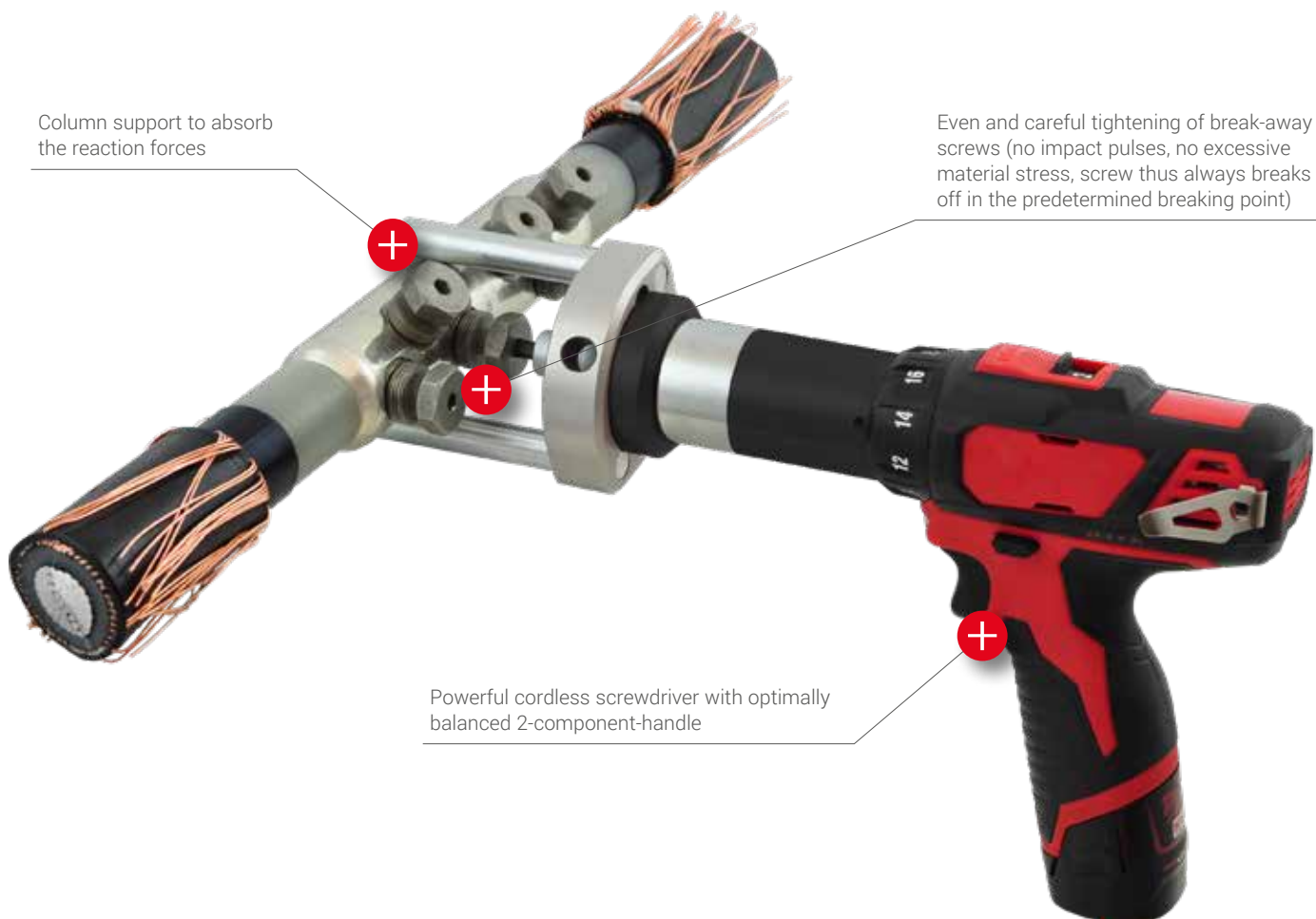


Wrench inserts



Spanner sockets

3



Column support to absorb the reaction forces

Even and careful tightening of break-away screws (no impact pulses, no excessive material stress, screw thus always breaks off in the predetermined breaking point)

Powerful cordless screwdriver with optimally balanced 2-component-handle



Battery operated torque amplifier for screw connectors

For controlled tightening of break-away screws on screw connectors

Description	Order No.	Dimensions	Weight
Set battery torque amplifier	DMVI65A	480x280x125 mm	approx. 4,6 kg

Technical characteristics:

- Simple and precise handling
- Material-friendly tightening of the screws by means of a transmission multiplier
- Metal parts in high strength alloy steel, aluminium body with anodized surface
- Cordless screwdriver-body made entirely of shock-resistant plastic material
- Handle in 2-components material with soft grip for fatigue-free working
- The device is very well balanced
- Transmission ratio 1:24
- Load capacity up to 65 Nm - 2 speed positions
- 1/2" connector for female and male hex socket
- Two positions for the bars: max. Ø 40 mm or max. Ø 53 mm
- Length bars: 80,5 mm
- Lithium-ion battery 12V-2,0 Ah - Charging time approx. 30 min
- Protection IP40 - Operating temperature -10°C - +40°C
- Tool dimensions 340 x 210 x 70 mm - Tool weight: approx. 2,1 kg

Set equipment

- Set DMV65-PTG
- Case with foam insert
- Insulated torque amplifier
- Angle screwdriver S5
- Allen screwdriver bit 1/2" - 05 / 06 / 08 / 10
- Wrench socket 1/2" x 10 / 13 / 14 / 17 / 19 / 22 / 24
- Operating instructions