**Stripping tools**

**Cable knife with clappable blade protection**
- with solid blade and insulated blade-back
- to strip off cables
- made of shock-proofed material

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>length</th>
<th>blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable knife</td>
<td>AV3900</td>
<td>185mm</td>
<td>fixed 50mm</td>
</tr>
<tr>
<td>Cable knife</td>
<td>AV3920</td>
<td>185mm</td>
<td>interch. 50mm</td>
</tr>
<tr>
<td>Spare blade</td>
<td>AV3921</td>
<td>50mm</td>
<td>-</td>
</tr>
</tbody>
</table>

**Universal knife with clappable blade protection**
- with standard blade (thickness 0.65mm)
- made of shock-proofed material

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>length</th>
<th>blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Universal knife</td>
<td>AV3910</td>
<td>185mm</td>
<td>interch. 50mm</td>
</tr>
<tr>
<td>Spare blade</td>
<td>AV3911</td>
<td>50mm</td>
<td>-</td>
</tr>
</tbody>
</table>

**Cable knife with ceramic blade**
- fully insulated
- to strip off cables
- with clappable blade protection
- high cutting capacity

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>length</th>
<th>blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable knife</td>
<td>AV3930</td>
<td>185mm</td>
<td>interch. 46mm</td>
</tr>
</tbody>
</table>

**Set - Universal cable sheet cutter (AMS)**

**Equipment:**
- 1 universal cable stripper AV6220
- 1 cable knife AV3920
- spare blade AV3921

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>length</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMS-Set</td>
<td>AS1003</td>
<td>240x160mm</td>
<td>-</td>
</tr>
</tbody>
</table>
AMS / AMS 1000V - Universal cable stripper

Designed for stripping outer sheath from all MV and LV cables. Suitable for work on live parts up to 1000V AC und 1500V DC (model AMS 1000V - 1713 0 only)

Technical Characteristics:
• longitudinal and circular cuts
• designed to strip both ends and in the middle
• depth adjustment from 0 to 5mm
• stripping without cutting what is below
• interchangeable two-sided blade
• easy stripping down to -10°C
• snap closure mechanism (AMS only)
• model AMS 1000V is also designed for very low temperature uses, down to -40°C

SET Equipment:
• plastic case to contain the tool and its instructions for use (AMS)
• soft case to contain the tool and its instructions for use (AMS 1000V)

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Set AMS</td>
<td>AV6220</td>
<td>160x35x65mm</td>
<td>approx. 200g</td>
</tr>
<tr>
<td>• Set AMS 1000V</td>
<td>1713 0</td>
<td>170x50x75mm</td>
<td>approx. 200g</td>
</tr>
<tr>
<td>• Spare blade</td>
<td>AV6299</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Example of applications:
- Telecommunications cables
- LV cable with PVC insulation
- MV cables with polyethylene insulation
- MV cables with PVC outer insulation
MSU - Special cable stripper

Designed for stripping outer sheath from all MV and LV cables.

**Technical Characteristics:**
- Circular and helical cuts
- Positioned on the cable using a vice system
- Operates by simply rotating it around the cable axis
- Designed to strip both ends
- Cut depth from 0.5 to 5mm
- Stripping without cutting what is below
- Interchangeable blade
- Easy stripping down to -10°C

**SET Equipment:**
- Special MSU cable stripper AE6211
- Cable knife AV3920
- Case AB6210

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Dimension</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set: MSU</td>
<td>AE6210</td>
<td>290x110x90mm</td>
<td>approx. 900g</td>
</tr>
<tr>
<td>Spare blade</td>
<td>AE6219</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Example of applications:**
- Telecommunications cables
- MV cables with polyethylene insulation
- MV cables with PVC outer insulation

MSU - AE6210
AIS – Cable stripper for high density polyethylene outer sheaths

Designed to strip outer sheaths with thicknesses from 0.5 to 5mm of LV/MV cables with diameters from 16 to 54mm. Used on live parts up to 1000V AC and 1500V DC.

**Technical Characteristics:**
- longitudinal and circular cuts
- designed to strip both ends and in the middle
- 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 protected by insulation against accidental contacts
- the tool is designed for very low temperature uses, down to -40°C

**SET Equipment:**
- 1 AIS - 1719 6 cable stripper
- 1 feed lever
- 10 x 14 colored identification washers
- 2 spare screws to fasten the blade
- 2.5 mm allen wrench
- rigid case

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set: AIS</td>
<td>1719 0</td>
<td>390x330x90mm</td>
<td>approx. 1.95g</td>
</tr>
<tr>
<td>Spare blade</td>
<td>1719 5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example of applications:**
- Telecommunications cables
- LV cables with outer insulation made of polyethylene or crosswired ethylene
- MV cables with PVC outer insulation
Stripping tools

MV – AIRBAG cable stripping tool case
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.

**Standard Equipment:**
- AIS – AIRBAG cable stripper
- feed lever
- 2 blade fastening screws (spares)
- set of spare blades with washers
- AMS cable stripper without case
- FBS wire stripper
- handle for IMS
- spec. 70mm² stripping insert
- spec. 185mm² stripping insert
- 3 spare blades for IMS insert
- universal knife with blade guard
- 3 spare blades for universal knife
- special electrician's scissors
- round jacket spread
- tube of silicone grease
- 2.5mm allen wrench
- rigid case

**Reduced Equipment Kit:**
- AIS – AIRBAG cable stripper
- feed lever
- blade fastening screws (spares)
- set of spare blades with washers
- 2.5mm allen wrench
- rigid case

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Dimension</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>MV-AIRBAG-standard</td>
<td>1720 0</td>
<td>390x330x90mm</td>
<td>approx. 3.20g</td>
</tr>
<tr>
<td>MV-AIRBAG-reduced</td>
<td>1720 1</td>
<td>390x330x90mm</td>
<td>approx. 1.95g</td>
</tr>
</tbody>
</table>
**FBS – Cable stripper for vulcanized semiconductive layer**

Designed to remove the vulcanized semiconductive layer from cross-wired polyethylene (XLPE) MV cables with diameters from 10 to 52mm

**Technical Characteristics:**
- Positioned on the cable like a vice system
- Axial feed activation / deactivation device
- Stripping can be done starting from any position on the cable
- Axial feed in both directions
- The shape of the blade guarantees the taper of the semiconductive layer when stripping is terminated
- Step-by-step depth adjustment from 0 to 1.5mm
- Interchangeable blade
- Very small rotation diameter (max. 200mm)
- Stripping depth can be limited or blocked
- Blade guard
- Adjustable shaving guide
- Easy stripping down to -10°C

**SET Equipment:**
- FBS – cable stripper
- 2.5mm allen wrench
- Tube of silicone grease
- Rigid case

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Dimension</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FBS – cable stripper</td>
<td>1722 1</td>
<td>235x200x55mm</td>
<td>approx. 800g</td>
</tr>
<tr>
<td>FBS with 8° special blade</td>
<td>1722 5</td>
<td>235x200x55mm</td>
<td>approx. 800g</td>
</tr>
<tr>
<td>Standard blade 17°</td>
<td>1714 2</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Special blade 8°</td>
<td>1714 3</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Example of applications:**

MV crosswired polyethylene (XLPE) cable with vulcanized semiconductive layer
Striping tools

**HLS – Cable stripper for non-vulcanized semiconductive layer**

Designed to strip the non-vulcanized semiconductive layer of MV cables with diameters from 16 to 41mm.

**Technical Characteristics:**
- longitudinal, helical and circular cuts
- positioned on the cable like a vice system
- stop clamp to limit the stripping length
- step-by-step depth adjustment from 0 to 0.9mm
- cutting depth can be increased to 2mm by moving reference 0
- easy stripping down to -10°C

**SET Equipment:**
- HLS – cable stripper AV6410
- stop clamp AV6411
- tube of silicone grease AG1013
- rigid case AB6400

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Set: HLS</td>
<td>AV6400</td>
<td>250x160x55mm</td>
<td>approx. 600g</td>
</tr>
<tr>
<td>• Spare blade</td>
<td>AV6499</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Example of applications:**

MV cables with non-vulcanized semiconductive layer
**IMS 20kV – Cable stripper for insulation of MV cables**

Designed to remove the primary insulation of 20 kV MV cables with cross sections from 25 up to 240mm².

**Technical Characteristics:**
- stripping length adjustable from 20 to 100mm using the device built into the handle
- scale stamped on the handle to display the preset length
- handle with bayonet connection
- stripping insert for cross sections from 25 to 240mm²
- cutting direction indicated by an arrow on the insert
- interchangeable blade
- easy stripping down to -10°C

**SET Equipment:**

**IMS-Set – AV6310**
- handle AV6300
- stripping insert 25 AV63025
- stripping insert 35 AV63035
- stripping insert 50 AV63050
- stripping insert 70 AV63070
- stripping insert 95 AV63095
- stripping insert 120 AV63120
- stripping insert 150 AV63150
- stripping insert 185 AV63185
- stripping insert 240 AV63240
- rigid case AB6300

**IMS-Set – AV6320**
Equipped like model AV6310 including the following article:
- AMS - cable stripper AV6221

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Set: IMS 20kV</td>
<td>AV6310</td>
<td>330x290x75mm</td>
<td>approx. 1.7kg</td>
</tr>
<tr>
<td>• Set: IMS 20kV</td>
<td>AV6320</td>
<td>330x290x75mm</td>
<td>approx. 1.9kg</td>
</tr>
<tr>
<td>• Spare blade</td>
<td>AV6399</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Other inserts on request (10kV, 30kV, customized sizes)**

**Example of applications:**

- 20kV MV cable (XLPE insulation)
- 20kV MV cable (G7 ethylene-propylene rubber insulation)
Stripping tools

**IMS II – Universal cable stripper for insulation of MV cables**

Designed to remove the primary insulation of 6 to 49 kV cables with outside diameters from 15 to 52 mm and up to 15 mm insulation thicknesses.

**Technical Characteristics:**
- Helical and circular cuts
- Snap knob to activate/deactivate axial feed
- Positioned on the cable like a vice system
- Designed to strip both ends
- Depth adjustment from 0 to 15 mm
- Unlimited stripping length
- Interchangeable blade
- Very small rotation diameter (max. 220 mm)

**SET Equipment:**
- IMS II – cable stripper 1723 1
- 2.5 mm allen wrench 1710 0
- Tube of silicone grease AG 1013
- Rigid case

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set IMS II</td>
<td>1723 0</td>
<td>275x220x65mm</td>
<td>approx. 1 kg</td>
</tr>
<tr>
<td>Spare blade</td>
<td>1723 2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Example of applications:**

- 20 kV MV cable (XLPE insulation)
- Various types of 10, 20, 30, 40 kV MV cables with cross-wired polyethylene or ethylene-propylene insulation
Stripping tools

UFS – Tool for chamfering primary insulation

Designed for chamfered cuts of primary insulation (Ø 15-60mm) of MV cables.

**Technical Characteristics:**
- can carry out chamfered cuts in primary insulation (2x45°)
- 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. 200mm

**SET Equipment:**
- UFS – tool for chamfered cuts of primary insulation 1724 1
- 2.5mm allen wrench for blade replacement 1710 0
- nylon case

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set: UFS</td>
<td>1724 0</td>
<td>170x50x90mm</td>
<td>approx. 390kg</td>
</tr>
<tr>
<td>Spare blade</td>
<td>1724 2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Example of applications:**

20 kV MV cable (XLPE insulation)

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01.09.2008   9:52:50 Uhr
Set - Stripping tools - 1799 001

Suitable to strip the outer sheaths, semiconductive layer and to remove the primary insulation.

**Characteristics:**
- optimal equipment for the realization of the entire stripping procedure of most diverse cable types
- rigid case with foam rubber inserts

**Equipment:**
- Set - Stripping tools - 1799 001
  - AIS - cable stripper 1719 6
  - feed lever 1719 4
  - 10 x 14 colored identification washers 1719 7
  - 2 spare screws to fasten the blade 1722 1
  - IMS II - cable stripper 1723 1
  - tube of silicone grease AG1013
  - 2,5mm allen wrench 1710 0
  - rigid case 1799 000

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stripping Set</td>
<td>1799 001</td>
<td>390x330x90mm</td>
<td>approx. 4kg</td>
</tr>
</tbody>
</table>

Set - Stripping tools – 1799 002

Suitable to strip the outer sheaths, semiconductive layer and to remove the primary insulation.

**Characteristics:**
- optimal equipment for the realization of the entire stripping procedure of most diverse cable types
- rigid case with foam rubber inserts

**Equipment:**
- Set - Stripping tools - 1799 002
  - universal cable stripper - AMS AV6221
  - cable stripper for vulcanized semiconductive layer - FBS 1722 1
  - universal cable stripper for insulation of MV cables - IMS II 1723 1
  - tube of silicone grease AG1013
  - special electricians' scissors 1601 0
  - cable knife AV3920
  - rigid case AG3000

**Optional:**
- handle IMS 20kV AV6300
- 4 stripping insert of your choice (see page 13) AV63...

<table>
<thead>
<tr>
<th>Description</th>
<th>model</th>
<th>dimension</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stripping Set</td>
<td>1799 002</td>
<td>390x330x90mm</td>
<td>approx. 3kg</td>
</tr>
</tbody>
</table>
FSI 150 – Insulated wire stripper for cables from 6 to 150mm² in size

Designed to strip low stranded single-pole cables with cross sections from 6 to 150mm². Designed to work on live parts up to 1000V AC and 1500V DC.

**Technical Characteristics:**
- stripping depth adjustment built into the handle
- insulated handle with bayonet connection
- stripping length adjustable from 20 to 80mm
- scale stamped on the built-in device to display the preset length
- stripping inserts for cross sections from 6 to 150mm²
- cutting direction indicated by an arrow on the insert
- interchangeable blade
- insulation in compliance with CEI EN 60900 / Standards
- easy stripping down to -10°C

**SET Equipment:**
- insulated handle 1717 1
- 16mm² stripping insert 1717 016
- 25mm² stripping insert 1717 025
- 35mm² stripping insert 1717 035
- 50mm² stripping insert 1717 050
- 54.6mm² stripping insert 1717 054
- 70mm² stripping insert 1717 070
- 3 spare blades 1717 9
- 2.5mm Allen wrench 1710 0
- rigid plastic case

**Description** | **model** | **dimension** | **weight**
--- | --- | --- | ---
Set: FSI 150 & 3 spare blades | 1717 0 & 1717 9 | 235x230x55mm | approx. 900g

**Inserts available on request:**
- 6mm² stripping insert 1717 006
- 10mm² stripping insert 1717 010
- 95mm² stripping insert 1717 095
- 150mm² stripping insert 1717 150

**Example of applications:**
Aerial bundled cables
FSI – Insulated wire stripper for cables from 2.5 to 10mm² in size

Designed to strip flexible single-pole cables with 2.5 / 4 / 6mm² cross sections and rigid single-pole cables with 10mm² cross sections. Designed to work on live parts up to 1000V AC and 1500V DC.

Technical Characteristics:
• 20mm stripping depth
• Blade built into the tool
• Cutting direction indicated by an arrow
• Insulation in compliance with CEI EN 60900 / IEC900 Standards
• Easy stripping down to -10°C

SET Equipment:
• Soft case to contain the tool and its instructions for use.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Dimension</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set: FSI</td>
<td>AE6200</td>
<td>170x50x50mm</td>
<td>approx. 150g</td>
</tr>
</tbody>
</table>

Example of applications:

- 10mm² aerial bundled cables
- Single-pole copper wires with PVC insulation, size 2.046mm²

Stripping tools
These are some examples of our product range. For detailed information please visit our website www.intercable.eu or order directly the main catalogue.
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