

# *intercable*

## TOOLS

General Catalog



[www.intercable-tools.com](http://www.intercable-tools.com)

QUALITY MADE IN ITALY AND GERMANY



COMPANY OVERVIEW

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## COMPANY

Intercable Tools is one of the most significant producers of special tools as well as connection material for various sectors. Founded in 1972 as a trade company, the family business continued to develop and began producing insulated tools in 1986. Today, in addition to the headquarter in South Tyrol/Italy, we have branches in Germany, Austria, Central Eastern Europe and the Netherlands.

The Intercable Tools special tools are suitable for live working and are primarily used for processing low, medium and high voltage cables. Our portfolio of tools consists of six different product groups:

- Hand tools
- Stripping tools
- Cutting tools
- Crimping tools
- Punching tools
- Hydraulic pumps

Additionally, Intercable Tools has an extensive range of connection materials such as tubular cable lugs and other connectors.

We place great importance to a high level of vertical integration and produce our products in our own facilities in Italy and Germany. Thus, we

have full control over every single step and can guarantee the highest quality and reliability.

Quality at Intercable is more than a promise, it is a principle that we live by every day. Here, we work according to the "zero-error principle" – with this strategic orientation, we avoid generating rejects or having to rework bad parts. This is the only way we can meet our own requirements and those of our customers. It is a continuous process and requires the full commitment of our highly qualified staff.

We want to be an attractive and competitive family company, which focuses on innovation and customer satisfaction. It is our mission to remain independent, sustainable and humble and we want to keep orienting and aligning ourselves with our employees, suppliers and customers. We are committed to making our customers' work safer, easier and more professional.

The safety aspect is the main priority in our industry. State-of-the-art in-house production facilities ensure that the products that leave our plants, are compliant with the applicable safety standards and guidelines, thus guaranteeing safety for the user.



## QUALITY



DIN EN ISO 9001: Reg.-Nr. 067378  
ISO/TS 16949: Reg.-Nr. 067378



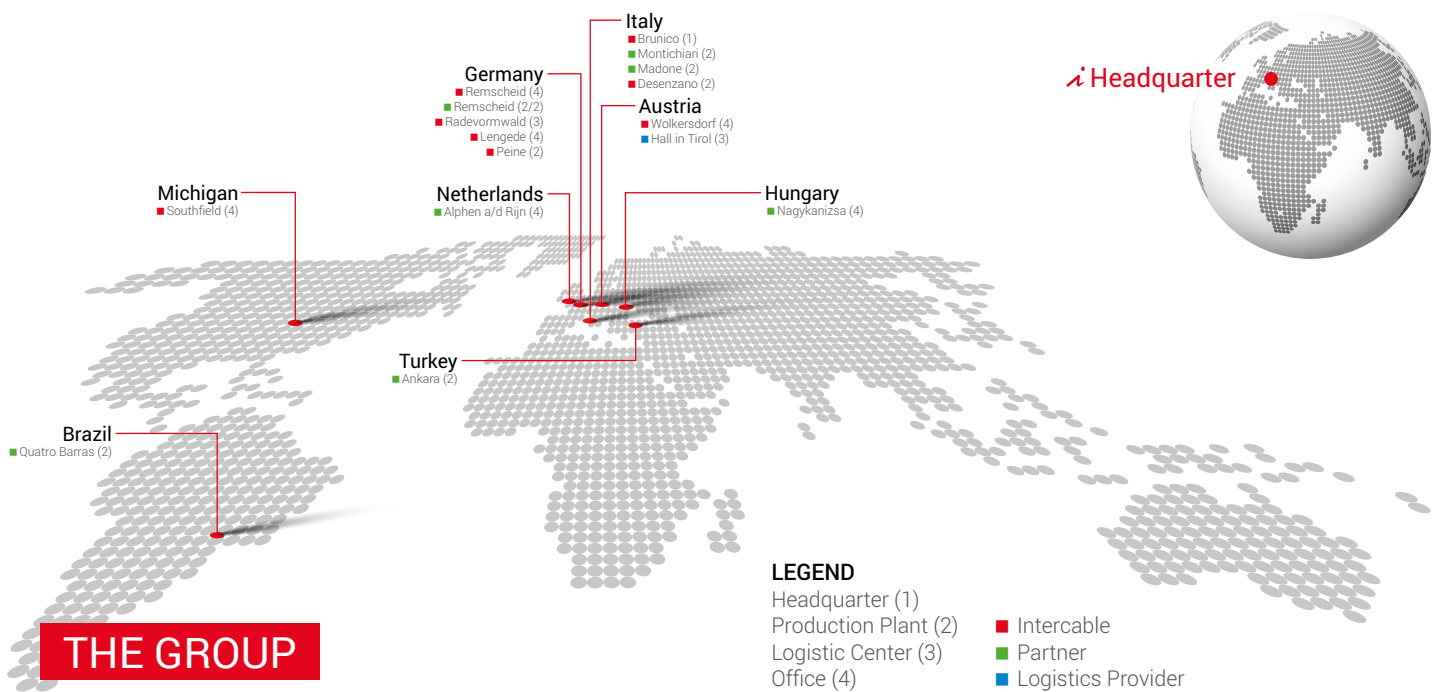
### INTERCABLE STANDS FOR HIGHEST QUALITY

Quality is lived by our employees, our business partners and our suppliers every day. Our products are developed by us and produced in our facilities in Italy and Germany – this distinguishes us and guarantees the highest level of quality. In addition, all our processes are continuously optimized so that we meet our own requirements and those of our customers. In doing so, we rely on efficient organization and quality management in accordance with various standards.

### TECHNOLOGY IS OUR PASSION

Ever since our founding in the 1970s our goal has been to provide workers from different industries with only the best tools and equipment. To ensure this, we have our own development department with highly experienced personnel which produces the most innovative technologies for our customers.





Intercable Tools, together with Intercable Automotive, developer and producer of technical plastic parts for the automotive industry, form the Intercable Group. As a modern company group, we strive for an optimal usage of synergies within the group. Intercable is represented globally with many different subsidiaries.



Different certificates confirm the quality of our work. We hold the following quality certificates:

- ISO 9001 (Quality management system)
  - ISO 14001 (Environmental management system)
  - ISO 45001 (Occupational health and safety management system)
- as well as the VDE / IMQ / DGUV-Test / UL / CE / GS – certification.

Additionally, we are proud members of the CEI (Italian Committee for Electrical Engineering), the UNI (Italian Committee for Standardization) and various working groups of the European and International Standards Committee.

Our electrically insulated tools are isolated according to EN60900, which was prescribed by the European Committee for Standardization in 1993

and is mandatory in all countries of the European Union since 1999. The norm prescribes a series of technical tests that must be performed on all insulated tools. Every single insulated tool that leaves our production facilities is tested for 1000V and 100% suitable for live working.





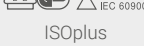

Insulated hand tools are made fully or partially of conductive material and are covered with insulating material. This protects the user from a possible electric shock.

Insulating hand tools are made entirely or essentially of insulating material, except for inserts made of conductive material (for the purpose of reinforcement), but without exposed conductive parts. This protects the user from a possible electric shock and prevents a short circuit between two parts with different electrical potential.

**MECHANIC CUTTING TOOLS - OVERVIEW**

RATCHETING CUTTING TOOLS	1000 V	LENGTH	MAX. CUTTING DIAMETER	APPLICATION RANGE
 1605032		265 mm	Ø 32 mm	• Copper • Aluminium
 1608032		346 mm	Ø 32 mm	• ACSR (Aluminium + Steel)
 1607054		285 mm	Ø 54 mm	• Copper • Aluminium
 1605054		320 mm	Ø 54 mm	• Copper • Aluminium
 1606054	non insulated	320 mm	Ø 54 mm	• Copper • Aluminium

SEE PAGE 13

CUTTING HAND TOOLS	1000 V	LENGTH	MAX. CROSS SECTION	APPLICATION RANGE
 1202160		160 mm		• Copper • Aluminium • Hard and soft wires
 16032		180 mm		• Copper • Aluminium • Hard and soft wires
 1604160		160 mm	50 mm <sup>2</sup>	• Copper • Aluminium
 11094	 ISOplus	170 mm	50 mm <sup>2</sup>	• Copper • Aluminium
 1604200		200 mm	70 mm <sup>2</sup>	• Copper • Aluminium

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SCISSORS	CABLE KNIVES		
 16020-F1	 AV3910	 AV3920	 AV3930
<ul style="list-style-type: none"> <li>• Cutting Al, Cu cables up to 50 mm<sup>2</sup></li> <li>• Stripping cables</li> <li>• Crimping end-sleeves up to 4 mm<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>• Universal sharp blade</li> <li>• Replaceable standard blade</li> </ul>	<ul style="list-style-type: none"> <li>• Specially hardened blade</li> <li>• Shape of the blade is designed to strip cables without damaging the wires</li> </ul>	<ul style="list-style-type: none"> <li>• Special ceramic blade</li> <li>• Shape of the blade is designed to strip cables without damaging the wires</li> </ul>
Not suitable for work under voltage			

SEE PAGE 40



HYDRAULIC CUTTING TOOLS - OVERVIEW




















	CUTTING HEADS* SEE PAGE 20	HAND OPERATED SEE PAGE 14	BATTERY OPERATED SEE PAGE 16      SEE PAGE 18		CUTTING Ø MAX.	APPLICATION RANGE
SERIES 25	 PS25	 HS25	 STILO-S25	 AS25	Ø 25 mm	<ul style="list-style-type: none"> <li>• Steel</li> <li>• ACSR</li> <li>• Aluminium</li> <li>• Copper</li> </ul>
SERIES 26			 STILO-S26		Ø 26 mm	<ul style="list-style-type: none"> <li>• Steel</li> <li>• ACSR</li> <li>• Aluminium</li> <li>• Copper</li> </ul>
SERIES 40			 STILO-S40		Ø 40 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> </ul>
SERIES 45	 PS45	 HSI45		 AS45	Ø 45 mm	<ul style="list-style-type: none"> <li>• Steel</li> <li>• ACSR</li> <li>• Aluminium</li> <li>• Copper</li> </ul>
SERIES 50	 PS50	 HSI50	 STILO-S50F	 AS50	Ø 50 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Light armoured cables</li> </ul>
SERIES 54			 STILO-S54		Ø 54 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> </ul>
SERIES 65	 PS65			 AS65	Ø 65 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Light armoured cables</li> </ul>
SERIES 85	 PS85	 HSI85		 AS85	Ø 85 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Light armoured cables</li> </ul>
SERIES 95	 PS95			 AS95	Ø 95 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Light armoured cables</li> </ul>
SERIES 120-2	 PS120-2			 AS120-2	Ø 120 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Light armoured cables</li> </ul>
SERIES 120	 PS120 (SK160)				Ø 120 mm	<ul style="list-style-type: none"> <li>• Aluminium</li> <li>• Copper</li> <li>• Heavy armoured cables</li> </ul>

\* Tool heads operated by hydraulic pumps, see page 9

\* Bigger cutting tools on request





STRIPPING TOOLS FOR EXTERNAL INSULATION	STRIPPING TOOLS FOR SEMICONDUCTOR LAYERS	STRIPPING TOOLS FOR PRIMARY INSULATION
 <p>AB16 (0,03 - 16 mm<sup>2</sup>)</p> <p>PTS4 (0,2 - 6 mm<sup>2</sup>)</p> <p>AV8203 (1,5 - 35 mm<sup>2</sup>)</p> <p>PAGE 35</p>	 <p>FBS 17220 (Ø 10 - 52 mm vulcanized, bonded)</p> <p>PAGE 37</p>	 <p>IMS 20kV AV6310 (25 - 240 mm<sup>2</sup>)</p> <p>PAGE 37</p>
 <p>ABI1 (Ø 4,5 - 29 mm)</p> <p>PAGE 35</p>	 <p>FBS II (Ø 16 - 58 mm vulcanized) 17250 (17°) 17252 (8°)</p> <p>PAGE 34</p>	 <p>AV63300 (300 mm<sup>2</sup>), AV63400 (400 mm<sup>2</sup>)</p> <p>PAGE 34</p>
 <p>AMS * AV6220 (Ø &gt; 25 mm)</p> <p>PAGE 35</p>	 <p>HLS AV6400 (Ø 16 - 41 mm non vulcanized)</p> <p>PAGE 37</p>	 <p>IMS II 17230 (Ø 15 - 52 mm)</p> <p>PAGE 37</p>
 <p>AMX 17300 (Ø 16 - 54 mm)</p> <p>PAGE 35</p>		 <p>UFS 17240 (Ø 15 - 60 mm)</p> <p>PAGE 37</p>
 <p>AIS 17190 (Ø 16 - 54 mm)</p> <p>PAGE 35</p>		 <p>IMS III 17260 (Ø15 - 58 mm)</p> <p>PAGE 36</p>
 <p>FSI 150 17170 (16 - 150 mm<sup>2</sup>)</p> <p></p> <p>PAGE 35</p>		
 <p>FSI AE6200 (rigid, single 10 mm<sup>2</sup>, flexi 2,5-4-6 mm<sup>2</sup>)</p> <p></p> <p>PAGE 35</p>		
 <p>1609076 (Ø 20 - 76 mm)</p> <p></p> <p>PAGE 37</p>		

\*AMS/1000V and MAXI size version is available too



Multi tool sets are available too, check the QR code!



Video playlist about the stripping tools




























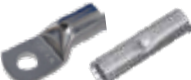









HYDRAULIC PUMPS - OVERVIEW

Pump		Operation	Set equipment (pump + ...)	
FPI70		Foot	<ul style="list-style-type: none"> <li>• Metal case</li> <li>• Pressure gauge</li> </ul>	SEE PAGE 33
FPI70S		Foot	<ul style="list-style-type: none"> <li>• Flexible hose 3m</li> <li>• Metal case</li> <li>• Pressure gauge</li> </ul>	
FPI70 EC		Foot	<ul style="list-style-type: none"> <li>• Metal case</li> </ul>	
FPI70S EC		Foot	<ul style="list-style-type: none"> <li>• Flexible hose 3m</li> <li>• Metal case</li> </ul>	
CP700		<p>Battery</p> <p>↳ Main adapter available</p>	<ul style="list-style-type: none"> <li>• Battery and charger</li> <li>• Flexible hose 1,5 m</li> <li>• Remote control 1,5 m</li> <li>• USB-cable</li> <li>• Nylon bag with shoulder strap</li> </ul>	SEE PAGE 32
CP700 EC		<p>Battery</p> <p>↳ Main adapter available</p>	<ul style="list-style-type: none"> <li>• Battery and charger</li> <li>• Flexible hose 1,5 m</li> <li>• Remote controle 1,5 m</li> <li>• USB-Cable</li> <li>• Nylon bag with shoulder strap</li> </ul>	
ANP24/220		Battery or Mains	<ul style="list-style-type: none"> <li>• Remote controle 5 m</li> <li>• Power cord 3 m</li> <li>• Shoulder strap</li> </ul>	
NP220		Mains	<ul style="list-style-type: none"> <li>• Remote control 5 m</li> <li>• Power cord 3 m</li> </ul>	
90404		Mains	<ul style="list-style-type: none"> <li>• Remote control 5 m</li> <li>• Power cord 3 m</li> </ul>	SEE PAGE 32
90418		Mains	<ul style="list-style-type: none"> <li>• Remote control 5 m</li> <li>• Power cord 3 m</li> </ul>	
90415		Mains	<ul style="list-style-type: none"> <li>• Remote control 5 m</li> <li>• Power cord 3 m</li> </ul>	
91421		Mains	<ul style="list-style-type: none"> <li>• Remote control 5 m</li> <li>• Power cord 3 m</li> </ul>	



**MECHANIC CRIMPING TOOLS - OVERVIEW**

CRIMPING TOOLS	APPLICATION	CROSS SECTION	CRIMP FORM	FEATURE
 MPIQ6	 insulated terminals	0,5 - 6 mm <sup>2</sup>		ratcheting mechanic
 MPAE16S	 end-sleeves	0,08 - 16 mm <sup>2</sup>		ratcheting mechanic
 MPAE16T	 end-sleeves	0,14 - 16 mm <sup>2</sup>		ratcheting mechanic
 PMT50	 end-sleeves	10 - 50 mm <sup>2</sup>		ratcheting mechanic
 MPAE50R	 end-sleeves	10 - 50 mm <sup>2</sup>		ratcheting mechanic
 MPAE95R	 end-sleeves	50 - 95 mm <sup>2</sup>		ratcheting mechanic
 PMCL16	 uninsulated terminals	0,5 - 16 mm <sup>2</sup>		ratcheting mechanic
 PM-TRE	 insulated terminals uninsulated terminals end-sleeves	0,5 - 6 mm <sup>2</sup> 0,5 - 10 mm <sup>2</sup> 0,14 - 10 mm <sup>2</sup>		ratcheting mechanic
 MPUSET-2	 insulated terminals end-sleeves end-sleeves	0,5 - 6 mm <sup>2</sup> 0,14 - 2,5 mm <sup>2</sup> 4 - 16 mm <sup>2</sup>		ratcheting mechanic
 MPR-1	 I-series	6 - 50 mm <sup>2</sup>		revolving crimping dies
 MPR-2	 I-series	25 - 150 mm <sup>2</sup>		revolving crimping dies
 MP60-1	depending on the inserted crimping dies *	6 - 240 mm <sup>2</sup>	depending on the inserted crimping dies *	interchangeable crimping dies *
 MP60-3	depending on the inserted crimping dies *	6 - 240 mm <sup>2</sup>	depending on the inserted crimping dies *	interchangeable crimping dies *
 MP60-2	depending on the inserted crimping dies *	6 - 300 mm <sup>2</sup>	depending on the inserted crimping dies *	interchangeable crimping dies *

\* Crimping dies for the MP60 mechanic presses:  
for DIN-series Cu connectors: see page 47, for DIN-series Al (Al-Cu) connectors: see page 49, for I-series connectors see page 45





HYDRAULIC CRIMPING TOOLS - OVERVIEW

	CRIMPING HEADS* SEE PAGE 28	HAND OPERATED SEE PAGE 22	BATTERY OPERATED SEE PAGE 24	BATTERY OPERATED SEE PAGE 26	CRIMPING SECTION MAX.	CRIMPING FORCE
SERIES 45		 HP45	 STILO45		150 mm <sup>2</sup>	45 kN
SERIES 50		 HP50	 STILO50		240 mm <sup>2</sup>	50 kN
SERIES 60-1/3	 PP60-1	 HP60-3		 AP60-1	240 mm <sup>2</sup>	60 kN
SERIES VD		 HP60-VD		 AP60-VD	300 mm <sup>2</sup>	60 kN
SERIES 60-2/4	 PP60-2	 HP60-4	 STILO60	 AP60-2	300 mm <sup>2</sup>	60 kN
SERIES 130-C	 PP130-C	 HPI130-C	← head opening: 29 mm →	 AP130-C	400 mm <sup>2</sup>	130 kN
SERIE 130-C2	 PP130-C2	 HPI130-C2	← head opening: 42 mm →	 AP130-C2	400 mm <sup>2</sup>	130 kN
SERIES 130-H	 PP130-H	 HPI130-H		 AP130-H	400 mm <sup>2</sup>	130 kN
SERIES 230	 PP230-630 PP230				630 mm <sup>2</sup>	230 kN
SERIES 520	 PP520				1.000 mm <sup>2</sup>	520 kN
SERIES 600	 PP600				1.600 mm <sup>2</sup>	600 kN

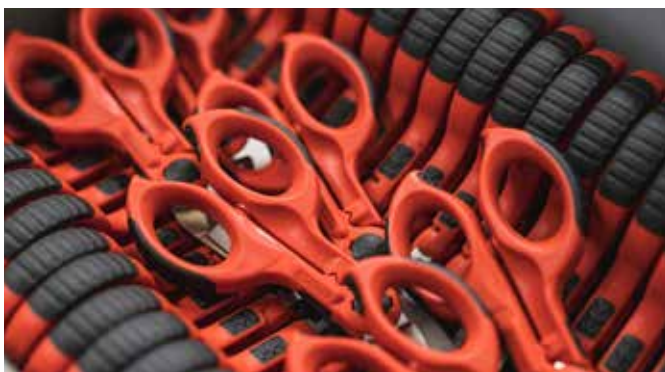
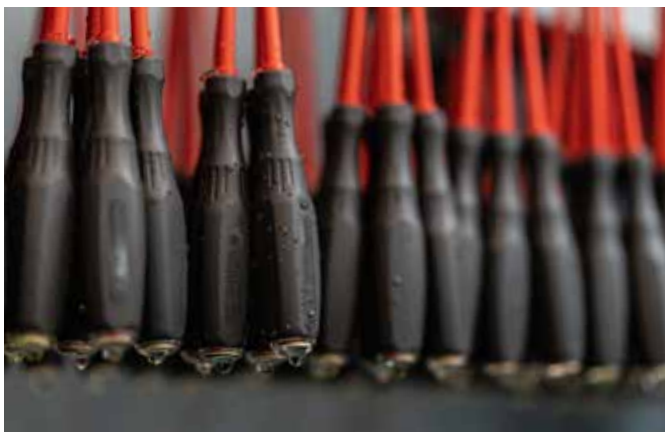
\* Tool heads operated by hydraulic pumps, see page 9

\* Bigger crimping tools on request

CHECK OUT THE FULL ASSORTMENT! [WWW.INTERCABLE-TOOLS.COM](http://WWW.INTERCABLE-TOOLS.COM)



#welovetools



**Portability**  
Smart weight reduction

**Suitable**  
Ergonomic and slip reduction grip

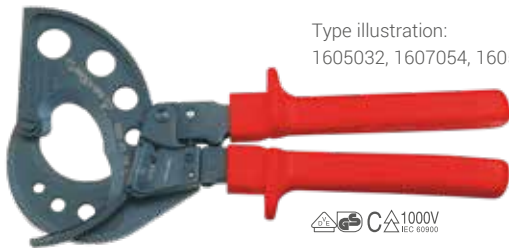
**Safety**  
Available in 1000V insulated

**Quality**  
Made of high-strength special steel, stressed parts are extra hardened

**Handling**  
Opening mechanism in any position

**100% MADE IN GERMANY**

**1000V IEC 60900**



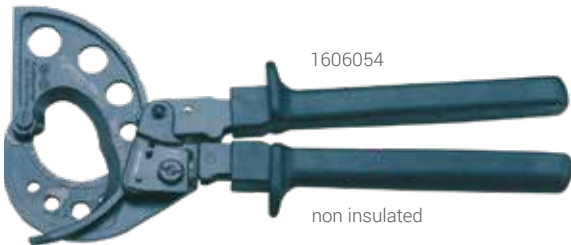
Type illustration:  
1605032, 1607054, 1605054



**Ratchet cutter (Al/Cu) D32**

APPLICATION RANGE	Ø 32 mm / 240 mm <sup>2</sup>
SUGGESTED APPLICATION	Al and Cu

Description	Order No.	Length	Weight
Ratchet cutter D32 1000V	<b>1605032</b>	265 mm	0,7 kg



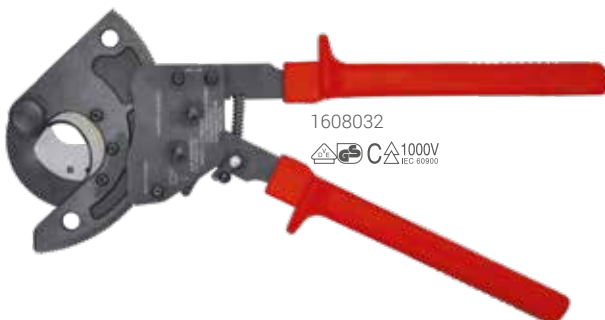
1606054

non insulated

**Ratchet cutter (Al/Cu) D54**

APPLICATION RANGE	Ø 54 mm / 400 mm <sup>2</sup>
SUGGESTED APPLICATION	Al and Cu

Description	Order No.	Length	Weight
Ratchet cutter D54 1000V (short)	<b>1607054</b>	285 mm	0,8 kg
Ratchet cutter D54 1000V (long)	<b>1605054</b>	320 mm	0,9 kg
Ratchet cutter D54 (non insulated)	<b>1606054</b>	320 mm	0,9 kg



1608032



**Ratchet cutter ACSR (Al/Steel) D32**

APPLICATION RANGE	Ø 32 mm / 240 mm <sup>2</sup>
SUGGESTED APPLICATION	ACSR (Al/Steel)

Description	Order No.	Length	Weight
ACSR ratchet cutter 1000V	<b>1608032</b>	346 mm	1,4 kg



**HS25**



**Portable / Resistant**

Alu body for low capacity tools to give them lightness

Steel body for bigger capacity tools

**Light**

Lightweight body

**Reliable**

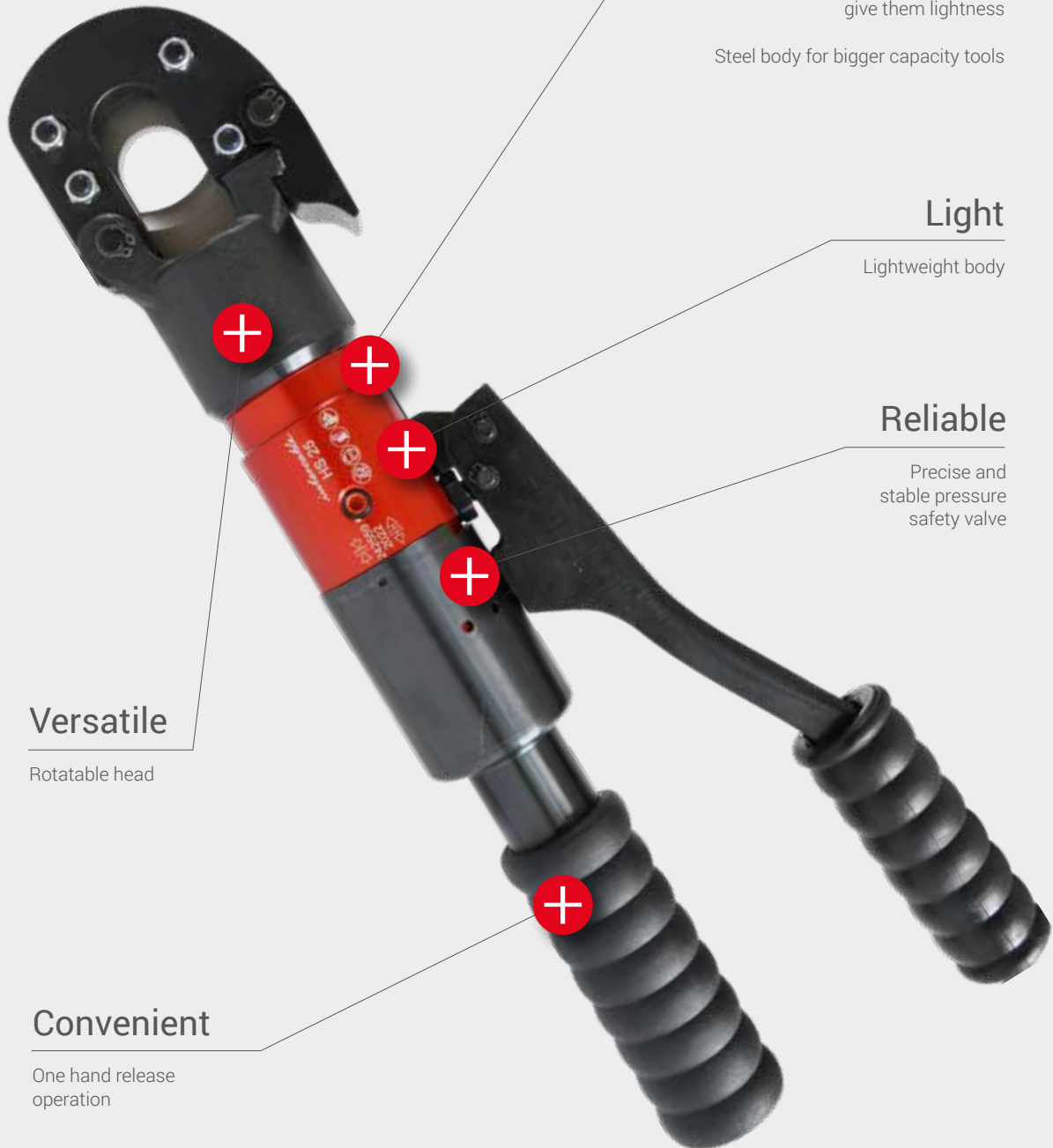
Precise and stable pressure safety valve

**Versatile**

Rotatable head

**Convenient**

One hand release operation



**Hand hydraulic cutting tools - SET equipment:**

- Report of the tests made on the concrete tool after the production
- Manual hydraulic cutting tool
- Rigid plastic case



HAND HYDRAULIC CUTTING TOOLS



HS25

Hand hydraulic cutting tool Ø25 mm  
(Steel, ACSR, Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
HS25	Hand hydraulic cutting tool - set	2,9 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 23 mm	Ø 25 mm
Copper	Rope and cable	<410								
	Bar	<250								
	Bar	<300								
Aluminium	Rope and cable	<200								
	Bar	<160								
	Bar	<340								
Aldrey	Cable	<340								
Alu/Steel	Rope	<1800								
	Rope	<2200								
	Bar	<600								
	Bar	<420								
Steel	Bar	<420								
	Rope (>200 wires)	<180								



HS145

Hand hydraulic cutting tool Ø45 mm  
(Steel, ACSR, Aluminium)

Order No.	Description	Tool weight	Cutting force
HS145	Hand hydraulic cutting tool - set	5,7 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 9 mm	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 25 mm	Ø 27 mm	Ø 31 mm	Ø 33 mm	Ø 35 mm	Ø 37 mm	Ø 39 mm	Ø 41 mm	Ø 43 mm	Ø 45 mm
Copper	Rope and cable	<410																	
	Bar	<300																	
	Bar	<250																	
Aluminium	Rope and cable	<200																	
	Bar	<160																	
	Bar	<340																	
Aldrey	Rope and cable	<340																	
Alu/Steel	Rope	<1800																	
	Rope	<2200																	
	Bar	<600																	
	Bar	<420																	
Steel	Bar	<420																	
	Rope (>200 wires)	<180																	



HS150

Hand hydraulic cutting tool Ø50 mm  
(Copper, Aluminium)

Order No.	Description	Tool weight	Cutting force
HS150	Hand hydraulic cutting tool - set	5,1 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	<Ø20 mm	<Ø25 mm	<Ø30 mm	<Ø40 mm	<Ø45 mm	<Ø50 mm	<Ø55 mm
Copper	Rope and cable	<410							
Aluminium	Rope and cable	<200							

HS150F is available: specially designed to the flexible cable classes 5, 6



HS185

Hand hydraulic cutting tool Ø85 mm  
(Copper, Aluminium)

Order No.	Description	Tool weight	Cutting force
HS185	Hand hydraulic cutting tool - set	7,3 kg	70 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	<Ø50 mm	<Ø55 mm	<Ø60 mm	<Ø65 mm	<Ø70 mm	<Ø75 mm	<Ø80 mm	<Ø85 mm	<Ø90 mm
Copper	Rope and cable	<410									
Aluminium	Rope and cable	<200									



**Accurate**

Clean and straight cut thanks to new cutting geometry

**Wear-resistant**

Cutting blades in alloyed and hardened tool steel with special coating for wear reduction

**Head rotation**

Cutting head endlessly rotatable, enables work in any position

**Resistant**

Light and compact design  
Housing in impact resistant plastic

**Efficient**

Automatic opening after cutting process is completed, protects battery and device

**Ergonomic**

Effort-saving work and easy handling thanks to the balanced 2-component handle

**Intelligent**

Readout of the cutting cycles via USB interface, integrated service management (from 20,000 cycles)

**Multifunction LED**

indicates information about the tool and the battery status

**Powerful**

Powerful, replaceable 18V / 2,0 Ah Li-Ion battery with integrated battery management for even more work cycles



**Easy change and adjustment of the cutting blades**

To change the blades only an open-end wrench is needed for counterholding, so that you can loosen, remove or tighten the blades with a hexagon socket on the opposite side. Thanks to the soft rubber cover of the blades, you have easy access to the blade screws

**Stronger Cutting force**

Thanks to the new innovative shape of the cutting blades, the force transmission to the cable is bigger. In addition, a larger piston is installed and generates a bigger Cutting force.

**Less service intensive**

The new design of the cutting head, in addition to the new internal design of the tool increases the service life and handling for the customer.

**Stilo hydraulic cutting tools - SET equipment:**

- Report of the tests made on the concrete tool after the production
- Battery-operated hydraulic cutting tool
- Battery 18 V/2,0 Ah Li-Ion (RA20)
- Battery charger (LG8)
- USB-cable
- Software (CD)
- Rigid plastic case





BATTERY OPERATED HYDRAULIC CUTTING TOOLS - STILO



STILO-S25

Battery operated hydraulic cutting tool Ø26 mm  
(Steel, ACSR, Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
STILO-S25	Hydraulic cutting tool S25 - set	3,7 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 23 mm	Ø 25 mm
Copper	Rope and cable	<410								
	Bar	<250								
	Bar	<300								
Aluminium	Rope and cable	<200								
	Bar	<160								
	Bar	<340								
Aldrej	Cable	<340								
Alu/Steel	Rope	<1800								
	Rope	<2200								
	Bar	<600								
Steel	Bar	<420								
	Bar	<420								
	Rope (>200 wires)	<180								



STILO-S26

Battery operated hydraulic cutting tool Ø26 mm  
(Steel, ACSR, Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
STILO-S26	Hydraulic cutting tool S26 - set	4,4 kg	44 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 23 mm	Ø 25 mm
Copper	Rope and cable	<410								
	Bar	<250								
	Bar	<300								
Aluminium	Rope and cable	<200								
	Bar	<160								
	Bar	<340								
Aldrej	Cable	<340								
Alu/Steel	Rope	<1800								
	Rope	<2200								
	Bar	<600								
Steel	Bar	<420								
	Bar	<420								
	Rope (>200 wires)	<180								



STILO-S40

Battery operated hydraulic cutting tool Ø40 mm  
(Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
STILO-S40	Hydraulic cutting tool S40 - set	3,1 kg	29 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 20 mm	Ø 25 mm	Ø 30 mm	Ø 35 mm	Ø 40 mm
Copper	Rope and cable	<410					
Aluminium	Rope and cable	<210					

Stilo-S40: cable class 1, 2, 5



STILO-S50F

STILO-S54

Battery operated hydraulic cutting tool Ø50 mm / Ø54 mm  
(Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
STILO-S50F	Hydraulic cutting tool S50F - set	3,2 kg	26 kN
STILO-S54	Hydraulic cutting tool S54 - set	3,9 kg	32 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 20 mm	Ø 25 mm	Ø 30 mm	Ø 35 mm	Ø 40 mm	Ø 45 mm	Ø 50 mm
Copper	Rope and cable	<410							
Aluminium	Rope and cable	<210							

Stilo-S50F: specially designed to the flexible cable classes 5, 6  
Stilo-S54: cable classes 1, 2, 5

**BATTERY OPERATED HYDRAULIC CUTTING TOOLS - PISTOL SHAPE, HEAVY DUTY**

**Reliability**

Durable exterior and interior

**Service friendly**

easily changable due to a modular design



**Head rotation**

360° tool head turning

**Comfortable**

Attachement for shoulder strap



**2-speed system**

Easier to work, thanks to the variable approach speed for precise positioning of the cutting tool

**Lighting**

Integrated LED for illuminating the working area in poor light conditions

**Powerful**

18V 3Ah Lithium-Ion battery for even more cuts during one battery life

**Release**

Pressure release button with single handed operation on both sides

**Ergonomic**

Effortless working and easy handling due to equilibrated 2-component handle

**Pistol grip hydraulic cutting tools - SET equipment:**

- Report of the tests made on the concrete tool after the production
- Battery-operated hydraulic cutting tool
- Battery 18 V/3,0 Ah Li-Ion (RA50)
- Battery charger (LG8)
- Rigid plastic case
- Shoulder strap (TG2)

BATTERY OPERATED HYDRAULIC CUTTING TOOLS - PISTOL SHAPE, HEAVY DUTY



AS25



Pistol grip cutting tool Ø25 mm (Steel, ACSR, Aluminium)

Order No.	Description	Tool weight	Cutting force
AS25	Pistol grip hydraulic cutting tool - set	4,2 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 23 mm	Ø 25 mm
Copper	Rope and cable	<410								
	Bar	<250								
	Bar	<300								
Aluminium	Rope and cable	<200								
	Bar	<160								
	Bar	<340								
Aldrej	Cable	<340								
Alu/Steel	Rope	<1800								
	Rope	<2200								
Steel	Bar	<420								
	Bar	<600								
	Bar	<600								
	Rope (>200 wires)	<180								



AS45



Pistol grip cutting tool Ø45 mm (Steel, ACSR, Aluminium)

Order No.	Description	Tool weight	Cutting force
AS45	Pistol grip hydraulic cutting tool - set	5,4 kg	60 kN

Sector of use:		Tensile strength N/mm <sup>2</sup>	Ø 9 mm	Ø 11 mm	Ø 13 mm	Ø 15 mm	Ø 17 mm	Ø 19 mm	Ø 21 mm	Ø 25 mm	Ø 27 mm	Ø 31 mm	Ø 33 mm	Ø 35 mm	Ø 37 mm	Ø 39 mm	Ø 41 mm	Ø 43 mm	Ø 45 mm
Copper	Rope and cable	<410																	
	Bar	<300																	
	Bar	<250																	
Aluminium	Bar	<340																	
	Rope and cable	<200																	
Aluminium	Bar	<160																	
Aldrej	Rope and cable	<340																	
Alu/Steel	Rope	<1800																	
	Rope	<2200																	
Steel	Bar	<600																	
	Bar	<420																	
	Rope (>200 wires)	<180																	



AS50



AS65



Pistol grip cutting tool Ø50 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
AS50	Pistol grip hydraulic cutting tool - set	5,4 kg	60 kN

AS50F is available: specially designed to the flexible cable classes 5, 6



AS85



Pistol grip cutting tool Ø65 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
AS65	Pistol grip hydraulic cutting tool - set	7,6 kg	44 kN



AS95



Pistol grip cutting tool Ø85 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
AS85	Pistol grip hydraulic cutting tool - set	7,2 kg	70 kN



AS120-2



Pistol grip cutting tool Ø95 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
AS95	Pistol grip hydraulic cutting tool - set	9,8 kg	65 kN

Pistol grip cutting tool Ø120 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
AS120-2	Pistol grip hydraulic cutting tool - set	10,5 kg	60 kN

Tool weight: the hydraulic cutting tool with the battery

**HYDRAULIC CUTTING HEADS**



**Sharp**  
Improved cutting geometry

**Handy**  
Handling grip on bigger heads

**Uncomplicated**  
Quick coupling with unloseable dust cap

**Universal**  
Tilting coupling on bigger heads

**Quality**  
Reinforced cutting head

**Simple**  
Customer friendly spare blade replacements

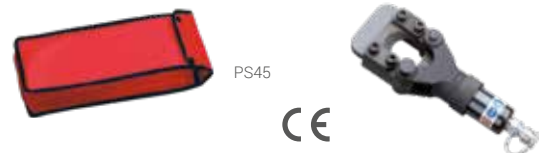
**Powerful**  
Advanced cylinder for better force transmission

**Clean**  
Built-in dust filter

**CE**

**Hydraulic cutting heads - SET equipment:**

- Hydraulic cutting head
- Rigid plastic / metal or soft nylon case



**Hydraulic cutting head Ø25 mm (Steel, ACSR, Aluminium)**

Order No.	Description	Tool weight	Cutting force
PS25	Hydraulic cutting head - set	1,9 kg	60 kN

Sector of use:	Tensile strength N/mm <sup>2</sup>	Ø						
		11 mm	13 mm	15 mm	17 mm	19 mm	21 mm	23 mm
Copper	Rope and cable	<410	■	■	■	■	■	■
	Bar	<250	■	■	■	■	■	■
	Bar	<300	■	■	■	■	■	■
Aluminium	Rope and cable	<200	■	■	■	■	■	■
	Bar	<160	■	■	■	■	■	■
	Bar	<340	■	■	■	■	■	■
Aldrey	Cable	<340	■	■	■	■	■	■
Alu/Steel	Rope	<1800	■	■	■	■	■	■
	Rope	<2200	■	■	■	■	■	■
Steel	Bar	<420	■	■	■	■	■	■
	Bar	<600	■	■	■	■	■	■
	Rope (>200 wires)	<180	■	■	■	■	■	■

**Hydraulic cutting head Ø45 mm (Steel, ACSR, Aluminium)**

Order No.	Description	Tool weight	Cutting force
PS45	Hydraulic cutting head - set	3,7 kg	60 kN

Sector of use:	Tensile strength N/mm <sup>2</sup>	Ø										
		9 mm	11 mm	13 mm	15 mm	17 mm	19 mm	21 mm	25 mm	27 mm	31 mm	33 mm
Copper	Rope and cable	<410	■	■	■	■	■	■	■	■	■	■
	Bar	<300	■	■	■	■	■	■	■	■	■	■
	Bar	<250	■	■	■	■	■	■	■	■	■	■
Aluminium	Rope and cable	<200	■	■	■	■	■	■	■	■	■	■
	Bar	<160	■	■	■	■	■	■	■	■	■	■
	Bar	<340	■	■	■	■	■	■	■	■	■	■
Aldrey	Rope and cable	<340	■	■	■	■	■	■	■	■	■	
Alu/Steel	Rope	<1800	■	■	■	■	■	■	■	■	■	
	Rope	<2200	■	■	■	■	■	■	■	■	■	
Steel	Bar	<600	■	■	■	■	■	■	■	■	■	
	Bar	<420	■	■	■	■	■	■	■	■	■	
	Rope (>200 wires)	<180	■	■	■	■	■	■	■	■	■	



HYDRAULIC CUTTING HEADS



PS50



Hydraulic cutting head Ø50 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS50	Hydraulic cutting head - set	2,9 kg	60 kN

PS50F is available: specially designed to the flexible cable classes 5, 6



PS65



Hydraulic cutting head Ø65 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS65	Hydraulic cutting head - set	4,7 kg	44 kN



PS85



Hydraulic cutting head Ø85 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS85	Hydraulic cutting head - set	4,5 kg	70 kN



PS95



Hydraulic cutting head Ø95 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS95	Hydraulic cutting head - set	7,5 kg	65 kN



PS120-2



Hydraulic cutting head Ø120 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS120-2	Hydraulic cutting head - set	8,2 kg	60 kN



PS120



Hydraulic cutting head Ø120 mm (Aluminium, Copper)

Order No.	Description	Tool weight	Cutting force
PS120	Hydraulic cutting head - set	9,6 kg	100 kN



PS120-SK160



Hydraulic cutting head Ø120 mm  
(for wire armoured aluminium and copper cables)

Order No.	Description	Tool weight	Cutting force
PS120-SK160	Hydraulic cutting head - set	11,0 kg	135 kN

**HAND HYDRAULIC CRIMPING TOOLS**

**Versatile**

Rotatable head

**Portable / Resistant**

Tough pump body for most kind of crimping applications

**Handy**

Grip handle for one handed precise positioning



**Fast**

Innovative quick feed with double hydraulic cylinder

**Secure**

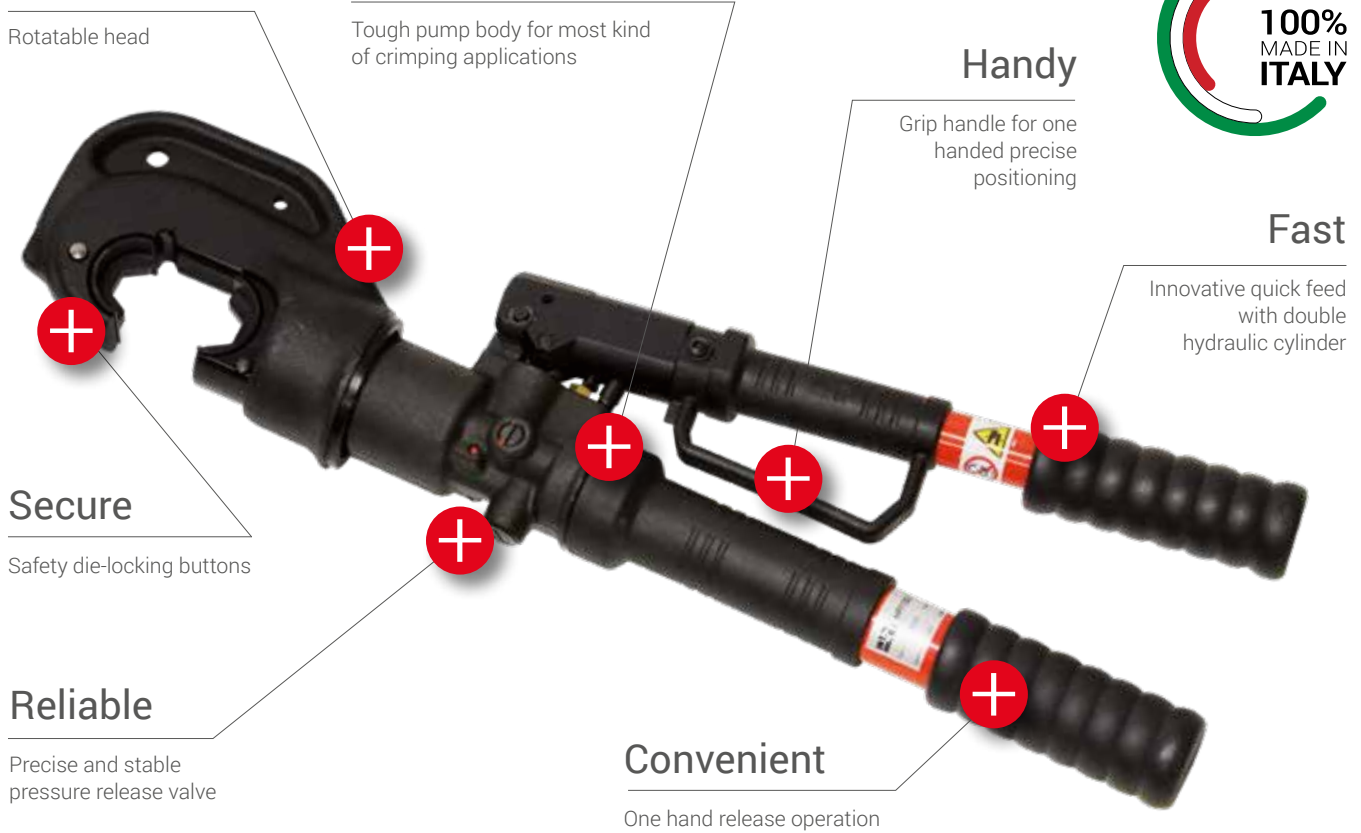
Safety die-locking buttons

**Reliable**

Precise and stable pressure release valve

**Convenient**

One hand release operation



**Hand hydraulic crimping tools - SET equipment:**

- Report of the tests made on the tool after the production
- Manual hydraulic crimping tool
- Rigid plastic case for the tools and for crimping dies



HPI130-C2



HPI130-C



HPI130-H

Adapters and punch for deep indent crimping, on request

**Dieless hand hydraulic crimping tool 400 mm<sup>2</sup>**

Order No.	Description	Tool weight
HPI130-C	Hand hydraulic crimping tool - set	6,6 kg
HPI130-C2	Hand hydraulic crimping tool - set	6,5 kg

CRIMPING SECTION	max. 400 mm <sup>2</sup>	CRIMPING FORCE	130 kN
JAW OPENING	C: 29 mm, C2: 42 mm	OPERATING PRESSURE	700 bar (70 MPa)

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
series 130	see page 47	see page 49	see page 45

**Dieless hand hydraulic crimping tool 400 mm<sup>2</sup>**

Order No.	Description	Tool weight
HPI130-H	Hand hydraulic crimping tool - set	7,6 kg


CRIMPING SECTION	max. 400 mm <sup>2</sup>	CRIMPING FORCE	130 kN
MAXIMUM STROKE	30 mm	OPERATING PRESSURE	700 bar (70 MPa)

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
series 130	see page 47	see page 49	see page 45

HAND HYDRAULIC CRIMPING TOOLS




Hand hydraulic crimping tool 240 mm<sup>2</sup>

Order No.	Description	Tool weight	
HP50	Hand hydraulic crimping tool - set	2,7 kg	
CRIMPING SECTION	max. 240 mm <sup>2</sup>	CRIMPING FORCE	50 kN
MAXIMUM STROKE	16 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 50	see page 47	see page 49	see page 45




Hand hydraulic crimping tool 240 mm<sup>2</sup>

Order No.	Description	Tool weight	
HP60-3	Hand hydraulic crimping tool - set	2,7 kg	
CRIMPING SECTION	max. 240 mm <sup>2</sup>	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 50	see page 47	see page 49	see page 45



Hand hydraulic crimping tool 300 mm<sup>2</sup>

Order No.	Description	Tool weight	
HP60-4	Hand hydraulic crimping tool - set	2,8 kg	
CRIMPING SECTION	max. 300 mm <sup>2</sup>	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 60-2	see page 47	see page 49	see page 45



Dieless hand hydraulic crimping tool 300 mm<sup>2</sup>

Order No.	Description	Tool weight	
HP60-VD	Hand hydraulic crimping tool - set	4,6 kg	
CRIMPING SECTION	16 - 300 mm <sup>2</sup>	CRIMPING FORCE	60 kN
		OPERATING PRESSURE	700 bar (70 MPa)

Removable die housing for easy maintenance

# STILO60



## Manageable

Rotating crimping head for optimal crimping in any position

## Automatic return

At the end of the crimping cycle

## Ergonomic

Effortless working and easy handling thanks to equilibrate 2-component handle

## Resistant

Light and compact design, Housing in impact resistant plastic

## Powerful

18V 2,0 Ah Lithium-Ion battery for even more pressings during one battery life

## Quiet

Extra silent moto

## Intelligent

indicates information about the tool and the battery status.

Readout of the data of the crimping cycles via USB interface, integrated service management



Video Stilo60

### Stilo hydraulic crimping tools - SET equipment:

- Report of the tests made on the concrete tool after the production
- Battery-operated hydraulic crimping tool
- Battery 18 V/2,0 Ah Li-Ion (RA20)
- Battery charger (LG8)
- USB-cable
- Software (CD)
- Rigid plastic case for the tool and for the crimping dies






BATTERY OPERATED HYDRAULIC CRIMPING TOOLS - STILO



Battery operated hydraulic crimping tool 240 mm<sup>2</sup>

Order No.	Description	Tool weight
STILO50	Stilo hydraulic crimping tool - set	2,3 kg

CRIMPING SECTION	max. 240 mm <sup>2</sup>	CRIMPING FORCE	50 kN
MAXIMUM STROKE	16 mm	OPERATING PRESSURE	700 bar (70 MPa)


Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 50	see page 47	see page 49	see page 45



Battery operated hydraulic crimping tool 300 mm<sup>2</sup>

Order No.	Description	Tool weight
STILO60	Stilo hydraulic crimping tool - set	3,3 kg

CRIMPING SECTION	max. 300 mm <sup>2</sup>	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 60-2	see page 47	see page 49	see page 45

**BATTERY OPERATED HYDRAULIC CRIMPING TOOLS - PISTOL SHAPE, HEAVY DUTY**



**Comfortable**

Attachement for shoulder strap

**Service friendly**

easily changable due to a modular design

**Reliability**

Durable exterior and interior



**Head rotation**

360° tool head turning

**Release**

Pressure release button with single handed operation on both sides

**Lighting**

Integrated LED for illuminating the working area in poor light conditions

**2-speed system**

Easier work, thanks to the variable approach speed for precise positioning of the cutting tool

**Powerful**

18V 5Ah Lithium-Ion battery with status indicator for even more pressings during one battery life

**Ergonomic**

Effortless working and easy handling due to equilibrated 2-component handle



**Pistol grip hydraulic crimping tools - SET equipment:**

- Report of the tests made on the tool after the production
- Battery 18 V/5,0 Ah Li-Ion (RA50)
- Shoulder strap (TG2)
- Battery-operated hydraulic crimping tool
- Battery charger (LG8)
- Rigid plastic case for the tool and for the crimping dies



AP60-1



AP60-2

**Pistol grip crimping tool 240 mm<sup>2</sup>**

**Pistol grip crimping tool 300 mm<sup>2</sup>**

Order No.	Description	Tool weight	
AP60-1	Pistol grip hydraulic crimping tool - set	4,3 kg	
CRIMPING SECTION	max. 240 mm <sup>2</sup>	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)

Order No.	Description	Tool weight	
AP60-2	Pistol grip hydraulic crimping tool - set	4,4 kg	
CRIMPING SECTION	max. 300 mm <sup>2</sup>	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
	see page 47	see page 49	see page 45
<b>series 60-1</b>			

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
	see page 47	see page 49	see page 45
<b>series 60-2</b>			


**BATTERY OPERATED HYDRAULIC CRIMPING TOOLS - PISTOL SHAPE, HEAVY DUTY**



**Pistol grip crimping tool 400 mm<sup>2</sup>**

Order No.	Description	Tool weight
AP130-C	Pistol grip hydraulic crimping tool - set	6,7 kg
AP130-C2	Pistol grip hydraulic crimping tool - set	7,4 kg

CRIMPING SECTION	max. 400 mm <sup>2</sup>	CRIMPING FORCE	130 kN
JAW OPENING	C: 29 mm, C2: 42 mm	OPERATING PRESSURE	700 bar (70 MPa)


Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 130	see page 47	see page 49	see page 45



**Pistol grip crimping tool 400 mm<sup>2</sup>**

Order No.	Description	Tool weight
AP130-H	Pistol grip hydraulic crimping tool - set	6,2 kg

CRIMPING SECTION	max. 400 mm <sup>2</sup>	CRIMPING FORCE	130 kN
MAXIMUM STROKE	30 mm	OPERATING PRESSURE	700 bar (70 MPa)

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
 series 130	see page 47	see page 49	see page 45



**Dieless pistol grip crimping tool 300 mm<sup>2</sup>**

Order No.	Description	Tool weight
AP60-VD	Pistol grip hydraulic crimping tool - set	6,2 kg

CRIMPING SECTION	16 - 300 mm <sup>2</sup>	CRIMPING FORCE	60 kN
		OPERATING PRESSURE	700 bar (70 MPa)

Removable die housing for easy maintenance

**HYDRAULIC CRIMPING HEADS**



**Secure**

Safety die-locking button

**Clean**

Built-in dust filter

**Uncomplicated**

Quick coupling with unloseable dust cap

Tilting coupling on bigger heads

**Powerful**

Advanced cylinder for better force transmission



**Hydraulic crimping heads - SET equipment:**

- Hydraulic crimping head
- Rigid plastic / metal case for the tool and with places for crimping dies



PP130-C



TPI130



PP130-C2



PP130-H

**Hydraulic crimping heads 400 mm<sup>2</sup>**

Order No.	Description	Tool weight
PP130-C	Crimping head C 30 mm jaw opening	4,1 kg
PP130-C2	Crimping head C 42 mm jaw opening	4,4 kg
PP130-H	Crimping head H	3,4 kg
TPI130	Crimping head table	12 kg

CRIMPING SECTION	max. 400 mm	CRIMPING FORCE	130 kN
OPERATING PRESSURE			700 bar (70 MPa)
MAXIMUM STROKE PP130-C			30 mm
MAXIMUM STROKE PP130-C2			42 mm
MAXIMUM STROKE PP130-H			30 mm
MAXIMUM STROKE TPI130			36 mm

Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
series 130	see page 47	see page 49	see page 45




**HYDRAULIC CRIMPING HEADS**



PP60-1



**Hydraulic crimping head 240 mm<sup>2</sup>**


Order No.	Description	Tool weight	
PP60-1	Crimping head	1,6 kg	
CRIMPING SECTION	max. 300 mm	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
	see page 47	see page 49	see page 45
<b>series 60-1</b>			



PP60-2



**Hydraulic crimping head 300 mm<sup>2</sup>**


Order No.	Description	Tool weight	
PP60-2	Crimping head	1,7 kg	
CRIMPING SECTION	max. 300 mm	CRIMPING FORCE	60 kN
MAXIMUM STROKE	17 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
	see page 47	see page 49	see page 45
<b>series 60-2</b>			



PP230



**Hydraulic crimping head 630 mm<sup>2</sup>**

Order No.	Description	Tool weight	
PP230	Crimping head	5,5 kg	
CRIMPING SECTION	max. 630 mm <sup>2</sup>	CRIMPING FORCE	230 kN
MAXIMUM STROKE	28 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors	for Al DIN-series tubular connectors	for Cu I-series tubular connectors
	see page 47	see page 49	see page 45
<b>series 230</b>			



PP520



Video

**Hydraulic crimping head 1.000 mm<sup>2</sup>**

Order No.	Description	Tool weight	
PP520	Crimping head	13,2 kg	
CRIMPING SECTION	max. 1.000 mm <sup>2</sup>	CRIMPING FORCE	520 kN
MAXIMUM STROKE	25 mm	OPERATING PRESSURE	700 bar (70 MPa)
Crimping dies	for Cu DIN-series tubular connectors		
	see page 47		
<b>series 520</b>			



PP600



**Hydraulic crimping head 1.600 mm<sup>2</sup>**

Order No.	Description	Tool weight	
PP600	Crimping head	17,0 kg	
CRIMPING SECTION	max. 1.600 mm <sup>2</sup>	CRIMPING FORCE	600 kN
MAXIMUM STROKE	30 mm	OPERATING PRESSURE	700 bar (70 MPa)

\* Bigger Crimping Heads on request

PUNCHING TOOLS



**Flexible**

Balanced centre of gravity for easy handling and effortless operations

**Manageable**

High flexibility using 360° rotating head

**Resistant**

Light and compact design  
Housing in impact resistant plastic

**Ergonomic**

Effort-saving work and easy handling thanks to balanced 2-component hand

**Quiet**

Extra silent motor

**Multifunction LED**

indicates information about the tool and the battery status

**Control**

Punching detection

**Reliable**

An integrated pressure sensor increases the service life of the punching tool.

First service after 20.000 cycles

**Intelligent**

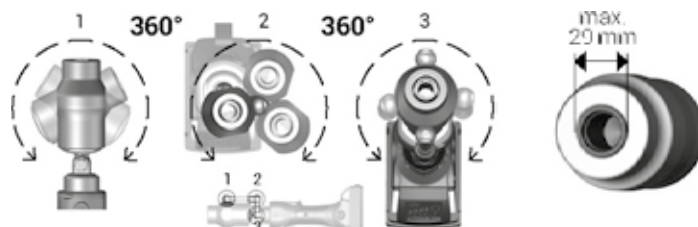
Readout of the data of the punching cycles via USB interface, integrated service management

**Powerful**

Powerful, replaceable 18V Li-Ion battery with integrated battery management for even more work cycles



Video Stilo-BL



**Set equipment:**

- Hand-operated hydraulic hole punching tool
- 1 draw stud 9.5 x 19.0 mm
- 1 draw stud 19.0 x 125.0 mm
- 1 spacer sleeve
- 1 tube of anti-wear paste
- 1 HSS-E step drill
- Operating instructions, safety and maintenance instructions
- Carrying case for the tool and accessories as well as 8 pairs of round hole inserts



HP60-BL

**Hand-operated hydraulic hole punching tool**

Order No.	Description	Tool weight
HP60-BL	Hand-operated hydraulic hole punching tool	4,2 kg
PUNCHING FORCE		60kN
OPERATING PRESSURE		700 bar

**Punching capacity (max. sheet thicknesses):**

- Up to Ø 63.5 mm: ..... 3.0 mm steel / 2.5 mm stainless steel
- Up to Ø 68.0 x 68.0 mm: ..... 3.0 mm steel / 1.5 mm stainless steel
- Up to Ø 92.0 x 92.0 mm: ..... 2.5 mm steel / 1.5 mm stainless steel
- Larger than 92.0 x 92.0 mm, up to 138.0 x 138.0 mm 2 mm steel

**Set equipment:**

- Battery-operated hydraulic hole punching tool
- Li-ion battery 18V - 1.5Ah
- Battery charger LG8
- 1 draw stud 9.5 x 19.0 mm
- 1 draw stud 19.0 x 125.0 mm
- 1 spacer sleeve
- 1 tube of anti-wear paste
- 1 HSS-E step drill
- USB cable
- CD-ROM (software)
- Operating instructions, safety and maintenance instructions
- Carrying case for the tool, spare batteries, charger, and 8 pairs of round hole inserts



STILO-BL

**Battery-operated hydraulic hole punching tool**

Order No.	Description	Tool weight
STILO-BL	Battery-operated hydraulic hole punching tool	6,3 kg
PUNCHING FORCE		60kN
OPERATING PRESSURE		700 bar

**Punching capacity (max. sheet thicknesses):**

- Up to Ø 63.5 mm: ..... 3.0 mm steel / 2.5 mm stainless steel
- Up to Ø 68.0 x 68.0 mm: ..... 3.0 mm steel / 1.5 mm stainless steel
- Up to Ø 92.0 x 92.0 mm: ..... 2.5 mm steel / 1.5 mm stainless steel
- Larger than 92.0 x 92.0 mm, up to 138.0 x 138.0 mm 2 mm steel

Scope of delivery: Hydraulic cylinder (without draw bolts - see page 195-196).



PBL60

**Hydraulic hole punching tool**

Order No.	Description	Tool weight
PBL60	Hydraulic hole punching tool	2,5 kg
PUNCHING FORCE		60kN
OPERATING PRESSURE		700 bar

**Punching capacity (max. sheet thicknesses):**

- Up to Ø 63.5 mm: ..... 3.0 mm steel / 2.5 mm stainless steel
- Up to Ø 68.0 x 68.0 mm: ..... 3.0 mm steel / 1.5 mm stainless steel
- Up to Ø 92.0 x 92.0 mm: ..... 2.5 mm steel / 1.5 mm stainless steel
- Larger than 92.0 x 92.0 mm, up to 138.0 x 138.0 mm 2 mm steel



**Keyway punch**

Order No.	Description	Tool weight
KNZ	Keyway punch	1,4 kg



**HYDRAULIC PUMPS**

**CP700 - Compact hydraulic pump with battery**

Designed to operate hydraulic tools up to 700bar (70MPa).

**Technical characteristics:**

- Light, compact and robust structure
- Body made of polyamide reinforced with fibreglass, completely insulating and shock resistant
- Long lifetime due to a lifting magnet. First service after 20000 cycles
- Possibility of reading all the data of the working cycles and error indications through USB interface
- Double piston technology for rapid high pressure feed
- Individual programs for cutting and crimping
- Freely programmable pump (only model CP700)
- Anti-scratch and shock resistant display protection
- Possibility of reading the curves on PC and on the pump display (only model CP700)

- Operating pressure: 700 bar (70 MPa)
- High performance lithium ion battery 5,0 Ah
- Charge indicator on the battery
- Flow range at low pressures < 100 bar: 1.2 lit./min.
- Flow range at pressures up to 700 bar: 0.2 lit./min.
- Power: 200 W
- Battery voltage: 18,0 V DC
- Range of use: -20°C / +55°C (integrated cooling system)
- Remote control (1.5 m) two buttons and LED indicator
- Possibility to attach the remote control to the unit with the integrated magnet
- A belt or shoulder strap can be added through a clamp support
- Optional transportation bag with pockets, with a shoulder strap or attached to a belt (optional)
- Including software

Tool dimensions: 290 x 190 x 205 mm  
Tool weight: 4,5 kg



**Battery operated hydraulic pump**

Order No.	Description	Tool weight
CP700	Battery operated hydraulic pump - set	4,5 kg
CP700EC	Battery operated hydraulic pump - set	4,5 kg

**Battery operated hydraulic pump - set equipment:**

- Compact hydraulic pump
- Battery 18 V/5,0 Ah lithium-ion (RA50)
- Battery charger (LG8)
- Flexible high pressure hose – length 1,5 m
- Remote control 1,5 m (CP-F)
- Shoulder strap (TG3)
- USB cable + software
- Comfortable sturdy nylon bag







FPI70



Pressure gauge and tilting coupling is standard on FPI70 and FPI70s models (not on models "-EC")



FPI70S



FPI70S EC



FPI70 EC

Hose must be ordered separately



Set FPI70

### FPI70 / FPI70-EC – Foot operated hydraulic pump

Designed to operate hydraulic tools up to 700bar (70MPa).

#### Technical characteristics:

- Compact dimensions
- Lightweight due to use of light alloys and corrosion-resistant materials
- Handy and stable due to a firm fitting pedal and sturdy non slip base
- Automatic two speed device (fast advancing under no-load and slow under load)
- Tilting system for coupler (not on models "-EC")
- Pressure monitoring by oil pressure gauge (not on models "-EC")
- Manual pressure release at any time
- High mounted quick release coupling with dust cap
- Operating pressure: 700 bar (70 MPa)
- Low pressure pump capacity: 18,3 cm<sup>3</sup>/stroke
- High pressure pump capacity: 2 cm<sup>3</sup>/stroke
- Amount of oil: 1200 ml
- Operating temperature: -20°C to a +40°C

#### Tool dimensions:

- FPI70: 570 x 230 x 209 mm
- FPI70S: 570 x 230 x 209 mm
- FPI70 EC: 545 x 212 x 198 mm
- FPI70S EC: 545 x 212 x 198 mm

#### Foot operated hydraulic pump with pressure gauge

Order No.	Description	Tool weight
FPI70	Foot operated hydraulic pump -set	9,6 kg
FPI70S	Foot operated hydraulic pump with 3 m hose - set	10,9 kg

#### Foot operated hydraulic pump (ECO)

Order No.	Description	Tool weight
FPI70 EC	Foot operated hydraulic pump - set	9,6 kg
FPI70S EC	Foot operated hydraulic pump with 3 m hose - set	10,3 kg

#### Set equipment FPI70:

- Foot operated pump with oil pressure gauge
- Metal case

#### Set equipment FPI70S:

- Foot operated pump with oil pressure gauge
- Flexible hose 3 m
- Metal case

#### Set equipment FPI70 EC:

- Foot operated pump
- Metal case

#### Set equipment FPI70S EC:

- Foot operated pump
- Flexible hose 3 m
- Metal case

# FBS II

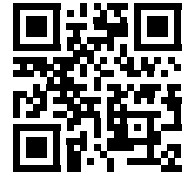
## CABLE STRIPPER FOR VULCANIZED SEMICONDUCTIVE LAYER USABLE **WITHOUT** SILICON

### Handling

Shift lever for activation/deactivation of the axial feed enables an optimal guidance and precise circular cut

### Agility

Movable roller system adapts optimally to small and large diameters, no silicon required



Video FBS II

### Precision

Special blade grind and adjustable cutting depth ensures a surface on the smooth primary insulation

### Range

Application range for MV-cables up to 1.000mm<sup>2</sup> / 16-58mm Ø

### High quality

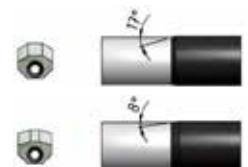
Light and robust design through the use of light metals and stainless INOX



FBS II: Cable stripper for vulcanized semiconductive layer

Order No.	Description	Weight
17250	Set: FBS II (17°)	0,7 kg
17252	Set: FBS II (8°)	0,7 kg

APPLICATION RANGE	Ø 16 - 58 mm
INSULATION THICKNESS	0 - 1,5 mm
SUGGESTED APPLICATION	Vulcanized, extruded, bonded semiconductive layer





Self adjustable cable stripper

Order No.	Description	Application range	Length tool
AB16	Universal cable stripper	Ø 0,03 - 16 mm <sup>2</sup>	210 mm
PTS4	Universal cable stripper	Ø 0,2 - 6 mm <sup>2</sup>	170 mm
AV8203	Universal cable stripper	Ø 6 - 16 mm <sup>2</sup>	170 mm

INSULATION THICKNESS	ANY
SUGGESTED APPLICATION	PVC



ABI1: Self adjustable cable stripper

Order No.	Description	Weight
ABI1	Set: ABI1	0,15 kg

APPLICATION RANGE	Ø 4,5 - 29 mm <sup>2</sup>
INSULATION THICKNESS	3 mm
SUGGESTED APPLICATION	PVC / Rubber



AMS / AMS Maxi:  
Universal cable stripper for external insulation

Order No.	Description	Weight
AV6220	Set: AMS	0,2 kg
AV6240	Set: AMS Maxi	0,8 kg
17130	Set: AMS 1000V	0,2 kg

APPLICATION RANGE	AMS: Ø > 25 mm / AMS MAXI: Ø > 45 mm
INSULATION THICKNESS	0 - 5 mm
SUGGESTED APPLICATION	PVC / Rubber / Polyethylene (only AMS MAXI)



AMX: Universal cable stripper for heavy duty outer sheaths

Order No.	Description	Weight
17300	Set: AMX	1,3 kg

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



AIS: Cable stripper for external insulation

Order No.	Description	Weight
17190	Set: AIS	2,0 kg

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



FSI 150: Insulated wire stripper for overhead cables

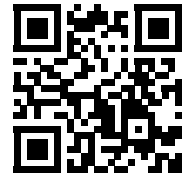
Order No.	Description	Weight
17170	Set: FSI 150 (with stripping inserts: 16 - 70 mm <sup>2</sup> )	0,95 kg

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



# IMS III

## CABLE STRIPPER FOR PRIMARY INSULATIONS FOR MV/HV CABLES WITHOUT SILICON



Video IMS III

### Handling

Shift lever for activation/  
deactivation of the axial feed  
enables an optimal guidance and  
precise circular cut

### Agility

Movable roller system  
adapts optimally to small  
and large diameters,  
no silicon required

### Precision

Special blade grind and  
adjustable cutting depth  
ensures a surface on the  
smooth primary insulation

### Range

Application range for  
for MV-cables up to  
1.000 mm<sup>2</sup> / 15-58 mm Ø

### High quality

Light and robust design  
through the use of light  
metals and stainless INOX



IMS III: Cable stripper for primary insulations for MV/HV cables

Order No.	Description	Weight
17260	Set: IMS III	1,10 kg

APPLICATION RANGE	Ø 15 - 58 mm
INSULATION THICKNESS	up to 15 mm
SUGGESTED APPLICATION	Vulcanized, extruded, bonded semiconductive layer





Video



Set: FBS, 17220

**FBS: Cable stripper for vulcanized semiconductive layer**

Order No.	Description	Weight
17220	Set: FBS	0,8 kg

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

\* alternativ without Silicon - page 34



Set: HLS, AV6400

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

Order No.	Description	Weight
AV6400	Set: HLS	1,3 kg

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



Video



Set: IMS, AV6310

**IMS: Cable stripper for primary insulation**

Order No.	Description	Weight
AV6310	Set: IMS 20 kV (with inserts 25 - 240 mm <sup>2</sup> )	0,6 kg

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



Video



Set: IMS II, 17230

**IMSII: Universal cable stripper for primary insulation**

Order No.	Description	Weight
17230	Set: IMSII	1,0 kg

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

\* alternativ without Silicon - page 36



Video

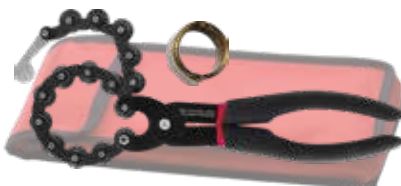


Set: UFS, 17240

**UFS: Tool for chamfering primary insulation**

Order No.	Description	Weight
17240	SET: UFS	0,39 kg

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



1609076

**Roller chains cutter for cutting armour wires**

Order No.	Description	Weight
1609076	Set: Roller chains cutter	0,8 kg

APPLICATION RANGE	Ø 20 - 76 mm <sup>2</sup>
SUGGESTED APPLICATION	Armoured cables

GENERAL HAND TOOLS - PLIERS



ISO 5746  
UNI 9894  
VDE 0682-201

**Slim**

Easier working in hard-to-reach workareas



**Wear-resistant**

Made of high-alloyed tool steel, edges specially hardened, surface chrome-plated

**Smooth**

One-hand operation through special smooth joint

**Powerful**

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

**Ergonomic**

Ergonomically shaped, non-slip 2-component handles for maximum power transmission

**Environmentally friendly**

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



**Combination pliers**



Order No.	Length	Weight
1201160	160 mm	218 g
1201180	180 mm	250 g
1201200	200 mm	282 g

**Flat-nosed pliers**



Order No.	Length	Weight
1206160	160 mm	170 g

**Telephone pliers, straight**



Order No.	Length	Weight
1203160	160 mm	170 g
1203200	200 mm	208 g

**Telephone pliers, bent 45°**



Order No.	Length	Weight
1204160	160 mm	164 g
1204200	200 mm	206 g

Round-nosed pliers



Order No.	Length	Weight
1207160	160 mm	154 g

Side cutting pliers



Order No.	Length	Weight
1202160	160 mm	198 g

Stripping plier



Order No.	Length	Weight
1205160	160 mm	190 g

Water-pump pliers, 7 phases



Order No.	Length	Weight
1110250	240 mm	398 g

Gripping pliers ISOplus insulated 2K



Order No.	Length	Weight
11091	180 mm	140 g

- gripping surface with 8 indentations for various cable diameters
- no exposed metal parts, no blades

Combination pliers ISOplus insulated 2K



Order No.	Length	Weight
111092	190 mm	147 g

- for Cu and Al cables with maximum 16 mm<sup>2</sup>, with extra long blades
- gripping surface with 3 indentations for various cable diameters

Telephone pliers ISOplus insulated 2K



Order No.	Length	Weight
11095	200 mm	138 g

- toothed gripping surface, slim head
- no exposed metal parts

Cable cutting pliers ISOplus insulated 2K D15



Order No.	Length	Weight
111094	170 mm	150 g

- for Cu and Al cables with maximum 50 mm<sup>2</sup>

**GENERAL HAND TOOLS - CUTTERS, KNIVES, SCISSORS**

**Cable cutting VDE D17**



Order No.	Length	Weight
1604160	160 mm	220 g

• for Al / Cu cables up to D 17 mm, ~ 50 mm<sup>2</sup> fine stranded cables

**Cable cutting VDE D22**



Order No.	Length	Weight
1604200	200 mm	360 g

• for Al / Cu cables up to D 22 mm, ~ 70 mm<sup>2</sup> fine stranded cables

**Cable knife / standard**



- 1000V insulated tool
- With replaceable standard very sharp blade (thickness 0,65 mm)
- Made of shock-proof material

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

**Cable knife / special steel**



- 1000V insulated tool
- With replaceable special shaped stripping blade - that cuts the insulation without damaging the conductor wires
- Made of shock-proof material



Description	Order No.	Blade	Length
Cable knife / special steel	AV3920	interch. 50 mm	185 mm
Spare blade / special steel	AV3921	-	50 mm
Cable knife / special ceramic	AV3930	fixed 46 mm	185 mm

**Electricians' scissors for cutting, stripping and crimping on cables - F1 style**



Description	Order No.	Length
F1 Electricians' scissors 3 in 1 with safety box	16020-F1	160 mm

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

Attention: Not suitable for work under voltage!



it cuts Cu/Al cables up to 50 mm<sup>2</sup>



special hard blade designed for cable cutting and stripping



adjustable tightness of the blades



it crimps end-sleeves up to 4 mm<sup>2</sup>



Product page and demo  
**Video**



# THE QUALITY AND THE UNIQUE INTERCABLE DESIGN

These series of SLIM screwdrivers are 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, guarantee the maximum force application with minimum fatigue

**Safety**  
Every single tool is tested according to IEC 60900

**High quality**  
Blade in high resistance chrom-vanadium-molybdenum-steel, hardened, with surface burnish protection.

**Precision**  
Accuracy of the form, it fits perfectly to the corresponding screw head

**100% MADE IN ITALY**

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

		For slotted head screws yellow			For hex-head screws violet
		For "Phillips"-head screws red			For <b>TORX</b> ® head screws blue
		For "Pozidriv"-head screws green			For combined "Phillips"-head screws red / yellow
		For hex socket-head screws white			For combined "Pozidriv"-head screws green / yellow



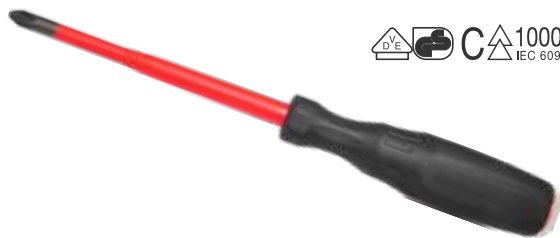
registered trademark of CAMCAR TEXTRON,  
Rockford, Illinois, USA



1000V  
IEC 60900

Screwdriver for slotted head screws – FUTUR II

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



1000V  
IEC 60900

Screwdriver for "Phillips" screws – FUTUR II

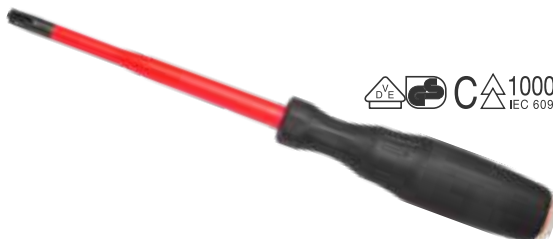
Type	Order No.	mm	mm	mm
	13020	0	60	160
	13021 *	1	75	175
	13022 *	2	100	205
	13023	3	150	265
	13024	4	200	320



1000V  
IEC 60900

Screwdriver for "Pozidriv" screws – FUTUR II

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



1000V  
IEC 60900

Combination screwdriver "Phillips" – FUTUR II

• For combined Slotted-/Intersecting slot screws in electrical systems

Type	Order No.	mm	mm	mm
	13131 *	1	80	180
	13132 *	2	100	205



1000V  
IEC 60900

Combination screwdriver "Pozidriv" – FUTUR II

• For combined Slotted-/Intersecting slot screws in electrical systems

Type	Order No.	mm	mm	mm
	13141 *	1	80	175
	13142 *	2	105	205



\* SLIM types

GENERAL HAND TOOLS - SCREWDRIVERS



DE CE 1000V IEC 60900

Screwdriver for hexagon socket screws – FUTUR II

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

Screwdriver for hexagon screws – FUTUR II

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

**TORX®** Screwdriver – FUTUR II

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

Phase screwdriver

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

Universal cabinet key in pocket format

- Designed to use in opening and closing electric panels and the most common systems of closure
- Suitable for all common electrical panels and cabinets
- Five different key profiles
- The magnetic attachment gives the possibility to use the key with any type of bit



Order No.	Additional bit		Standard bits			
QUATTRO		11,5 x 6 mm Triangular key				
QUATTRO-D		10 x 7,4 x 2 mm Square key	10 x 6,5 mm 6.3 Bit magnetic attachment	14 x 8 mm Square key insert	14 x 9 mm Triangular key insert	14 x 9 x 2 mm 2 x 14 key Insert
QUATTRO-S		10 x 7 mm Daimler Benz key				

**I-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS**

**Made in Germany**

Made in the German factory owned by Intercable. Even the tinning processes are done within the company

**Inspection hole**

With inspection hole from 10mm<sup>2</sup>, to control the perfect connection



**Cost-Efficient**

Lighter and shorter compared to DIN lugs without compromising on capabilities

**Variety range of use**

For copper cables class 1 and 2 and for flexible cables class 5. Best performance with i-crimping (check the page 51)

**Certified**

UL-approved
















**Highest quality materials**

Cu-HCP 99,9% clean electrolytic copper, tinned. The base for the long-term highest quality crimped connection

Cu I											CTT...	
	mm <sup>2</sup>	M3	M4	M5	M6	M8	M10	M12	M14	M16		M20
1,5	CI1.5-M3 ICS1390	CI1.5-M4 ICS1490	CI1.5-M5 ICS1590	CI1.5-M6 ICS1690								CTT-1.5
2,5		CI2.5-M4 ICS2490	CI2.5-M5 ICS2590	CI2.5-M6 ICS2690	CI2.5-M8 ICS2890							CTT-2.5
4		CI4-M4 ICS4490	CI4-M5 ICS4590	CI4-M6 ICS4690	CI4-M8 ICS4890							CTT-4
6		CI6-M4 ICS6490	CI6-M5 ICS6590	CI6-M6 ICS6690	CI6-M8 ICS6890	CI6-M10						CTT-6
10		CI10-M4	CI10-M5 CI10-M5-90 CI10-M5-45	CI10-M6 CI10-M6-90 CI10-M6-45	CI10-M8 CI10-M8-90 CI10-M8-45	CI10-M10 CI10-M10-90	CI10-M12 CI10-M12-90					CTT-10
16			CI16-M5 CI16-M5-90	CI16-M6 CI16-M6-90 CI16-M6-45	CI16-M8 CI16-M8-90 CI16-M8-45	CI16-M10 CI16-M10-90 CI16-M10-45	CI16-M12 CI16-M12-90					CTT-16
25			CI25-M5 CI25-M5-90 CI25-M5-45	CI25-M6 CI25-M6-90 CI25-M6-45	CI25-M8 CI25-M8-90 CI25-M8-45	CI25-M10 CI25-M10-90 CI25-M10-45	CI25-M12 CI25-M12-90 CI25-M12-45	CI25-M14				CTT-25
35			CI35-M5	CI35-M6 CI35-M6-90 CI35-M6-45	CI35-M8 CI35-M8-90 CI35-M8-45	CI35-M10 CI35-M10-90 CI35-M10-45	CI35-M12 CI35-M12-90 CI35-M12-45	CI35-M14	CI35-M16			CTT-35
50				CI50-M6 CI50-M6-90 CI50-M6-45	CI50-M8 CI50-M8-90 CI50-M8-45	CI50-M10 CI50-M10-90 CI50-M10-45	CI50-M12 CI50-M12-90 CI50-M12-45	CI50-M14	CI50-M16 CI50-M16-90	CI50-M20		CTT-50
70				CI70-M6 CI70-M6-45	CI70-M8 CI70-M8-90 CI70-M8-45	CI70-M10 CI70-M10-90 CI70-M10-45	CI70-M12 CI70-M12-90 CI70-M12-45	CI70-M14 CI70-M14-90	CI70-M16 CI70-M16-90			CTT-70
95				CI95-M6	CI95-M8 CI95-M8-90 CI95-M8-45	CI95-M10 CI95-M10-90 CI95-M10-45	CI95-M12 CI95-M12-90 CI95-M12-45	CI95-M14	CI95-M16 CI95-M16-90	CI95-M20 CI95-M20-90		CTT-95
120					CI120-M8 CI120-M8-90 CI120-M8-45	CI120-M10 CI120-M10-90 CI120-M10-45	CI120-M12 CI120-M12-90 CI120-M12-45	CI120-M14	CI120-M16 CI120-M16-90 CI120-M16-45	CI120-M20		CTT-120
150					CI150-M8 CI150-M8-90 CI150-M8-45	CI150-M10 CI150-M10-90 CI150-M10-45	CI150-M12 CI150-M12-90 CI150-M12-45	CI150-M14	CI150-M16 CI150-M16-90 CI150-M16-45	CI150-M20 CI150-M20-90		CTT-150
185					CI185-M8	CI185-M10 CI185-M10-90 CI185-M10-45	CI185-M12 CI185-M12-90 CI185-M12-45	CI185-M14	CI185-M16 CI185-M16-90 CI185-M16-45	CI185-M20 CI185-M20-90 CI185-M20-45		CTT-185
240					CI240-M8	CI240-M10 CI240-M10-90	CI240-M12 CI240-M12-90	CI240-M14 CI240-M14-45	CI240-M16 CI240-M16-90	CI240-M20 CI240-M20-90		CTT-240
300						CI300-M10	CI300-M12	CI300-M14	CI300-M16	CI300-M20		CTT-300
400						CI400-M10	CI400-M12	CI400-M14	CI400-M16	CI400-M20		CTT-400
500							CI500-M12		CI500-M16	CI500-M20		CTT-500
630									CI630-M16	CI630-M20		CTT-630



I-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS

	TOOL SERIES 50 50 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-1, 60-3 60 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-2 60 kN, 10 - 300 mm <sup>2</sup>	TOOL SERIES 130 130 kN, 10 - 400 mm <sup>2</sup>
hand-mechanic		 MP60-1      MP60-3	 MP60-2	
hydraulic head		 PP60-1	 PP60-2	 PP130-C    PP130-C2    PP130-H
hand-hydraulic	 HP50	 HP60-3	 HP60-4	 HPI130-C    HPI130-C2    HPI130-H
accu-hydraulic	 STILO50	 AP60-1	 STILO60      AP60-2	 AP130-C    AP130-C2    AP130-H

mm <sup>2</sup>	CRIMPING DIES SERIES 50, 60-1, 60-3						CRIMPING DIES SERIES 60-2			CRIMPING DIES SERIES 130		
	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.
10	7 mm	1	U5-K07M	7 mm	1	U5-I10	7 mm	1	U6-I10	7 mm	1	U13-K07M
16	7 mm	1	U5-K08M	7 mm	1	U5-I16	7 mm	1	U6-I16	7 mm	1	U13-K08M
25	7 mm	1	U5-K10M	9 mm	1	U5-I25	9 mm	1	U6-I25	12 mm	1	U13-K10M
35	7 mm	1	U5-K11M	5 mm	1	U5-I35	5 mm	1	U6-I35	12 mm	1	U13-K11M
50	7 mm	1	U5-K13M	5 mm	2	U5-I50	5 mm	2	U6-I50	12 mm	1	U13-K13M
70	7 mm	2	U5-K14	5 mm	2	U5-I70	5 mm	2	U6-I70	12 mm	1	U13-K14
95	7 mm	2	U5-K17M	5 mm	2	U5-I95	5 mm	2	U6-I95	12 mm	1	U13-K17M
120	7 mm	2	U5-K18	5 mm	2	U5-I120	5 mm	2	U6-I120	12 mm	1	U13-K18
150	5 mm	2	U5-K20D	5 mm	2	U5-I150	5 mm	2	U6-I150	12 mm	1	U13-K20D
185	5 mm	2	U5-K22D	5 mm	2	U5-I185	5 mm	2	U6-I185	14 mm	2	U13-K22D
240	5 mm	3	U5-K25M	5 mm	3	U5-I240	5 mm	3	U6-I240	14 mm	2	U13-K25M
300							5 mm	4	U6-I300	7 mm	3	U13-K28D
400										7 mm	3	U13-K34D

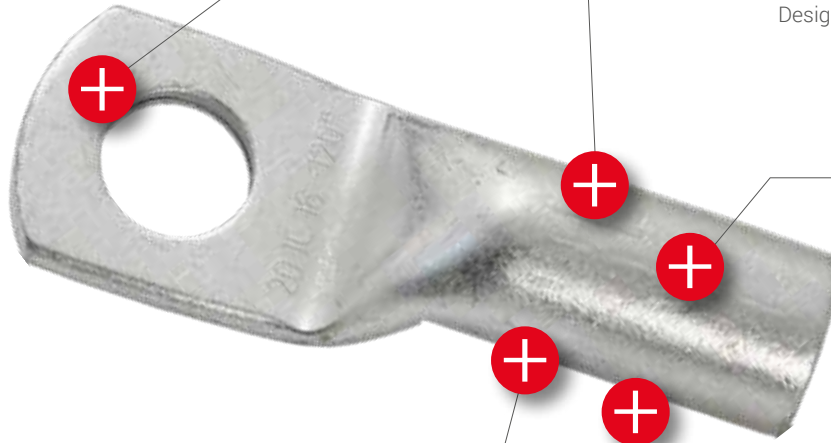


CHECK THE PAGE **page 51** FOR MORE INFO OF "I-CRIMPING"

**DIN-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS**

**Made in Germany**

Made in the German factory owned by Intercable. The tinning process is done within the company



**DIN-series**

Compatibility with the crimping dies designed for dimensions acc. to DIN 46235, 46267. Designed with 2-3 times safety

**Marked**

Visually marked crimping positions

**Highest quality materials**

Cu-HCP 99,9% clean electrolytic copper, tinned. The base for the long-term highest quality crimped connection














**Variety range of use**






For copper cables class 1 and 2 and for flexible cables from class 5, according to VDE0295

Cu DIN										
	mm <sup>2</sup>	M5	M6	M8	M10	M12	M14	M16	M20	
6		● ICD65	● ICD66	● ICD68						ICD6V
10		● ICD105	● ICD106 ● ICD10690	● ICD108 ● ICD10890	● ICD1010					ICD10V
16		● ICD165	● ICD166 ● ICD16690	● ICD168 ● ICD16890	● ICD1610 ● ICD161090	● ICD1612 ● ICD161290				ICD16V
25			● ICD256 ● ICD25690	● ICD258 ● ICD25890	● ICD2510 ● ICD251090	● ICD2512 ● ICD251290		● ICD2516		ICD25V
35			● ICD356 ● ICD35690	● ICD358 ● ICD35890	● ICD3510 ● ICD351090	● ICD3512 ● ICD351290		● ICD3516		ICD35V
50			● ICD506	● ICD508 ● ICD50890	● ICD5010 ● ICD501090	● ICD5012 ● ICD501290	● ICD5014	● ICD5016 ● ICD501690		ICD50V
70				● ICD708 ● ICD70890	● ICD7010 ● ICD701090	● ICD7012 ● ICD701290	● ICD7014	● ICD7016 ● ICD701690	● ICD7020	ICD70V
95				● ICD958 ● ICD95890	● ICD9510 ● ICD951090	● ICD9512 ● ICD951290	● ICD9514	● ICD9516 ● ICD951690	● ICD9520	ICD95V
120				● ICD1208	● ICD12010 ● ICD1201090	● ICD12012 ● ICD1201290	● ICD12014	● ICD12016 ● ICD1201690	● ICD12020 ● ICD1202090	ICD120V
150				● ICD1508 ● ICD150890	● ICD15010 ● ICD1501090	● ICD15012 ● ICD1501290	● ICD15014	● ICD15016 ● ICD1501690	● ICD15020 ● ICD1502090	ICD150V
185				● ICD1858 ● ICD185890	● ICD18510 ● ICD1851090	● ICD18512 ● ICD1851290	● ICD18514	● ICD18516 ● ICD1851690	● ICD18520 ● ICD1852090	ICD185V
240					● ICD24010	● ICD24012 ● ICD2401290	● ICD24014	● ICD24016 ● ICD2401690	● ICD24020 ● ICD2402090	ICD240V
300					● ICD30010	● ICD30012 ● ICD3001290	● ICD30014	● ICD30016 ● ICD3001690	● ICD30020 ● ICD3002090	ICD300V
400					● ICD40010	● ICD40012	● ICD40014	● ICD40016	● ICD40020	ICD400V
500						● ICD50012	● ICD50014	● ICD50016	● ICD50020	ICD500V
625								● ICD62516	● ICD62520	ICD625V
800								● ICD80016	● ICD80020	ICD800V
1000									● ICD100020	ICD1000V

Without tin: ICD...BK

DIN-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS

	TOOL SERIES 50 50 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-1, 60-3 60 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-2 60 kN, 10 - 300 mm <sup>2</sup>	TOOL SERIES 130 130 kN, 10 - 400 mm <sup>2</sup>
hand-mechanic		 MP60-1      MP60-3	 MP60-2	
hydraulic head		 PP60-1	 PP60-2	 PP130-C    PP130-C2    PP130-H
hand-hydraulic	 HP50	 HP60-3	 HP60-4	 HPI130-C    HPI130-C2    HPI130-H
accur-hydraulic	 STILO50	 AP60-1	 STILO60      AP60-2	 AP130-C    AP130-C2    AP130-H

	SERIES 50, 60-1, 60-3			SERIES 60-2			SERIES 130			SERIES 230			SERIES 520		
															
mm <sup>2</sup> / dies code	Crimp width	N. of crimps	Order n.	Crimp width	N. of crimps	Order n.	Crimp width	N. of crimps	Order n.	Crimp width	N. of crimps	Order n.	Crimp width	N. of crimps	Order n.
6 / 5	5 mm	1	MK5-50	5 mm	1	MK5-CK									
10 / 6	5 mm	1	MK6-50	5 mm	1	MK6-CK	5 mm	1	MK6-C						
16 / 8	5 mm	2	MK8-50	5 mm	2	MK8-CK	14 mm	1	MK8-C						
25 / 10	5 mm	2	MK10-50	5 mm	2	MK10-CK	14 mm	1	MK10-C	14 mm	1	MK10-230			
35 / 12	5 mm	2	MK12-50	5 mm	2	MK12-CK	14 mm	1	MK12-C	14 mm	1	MK12-230	14 mm	1	MK12-520
50 / 14	5 mm	3	MK14-50	5 mm	3	MK14-CK	14 mm	1	MK14-C	14 mm	1	MK14-230	14 mm	1	MK14-520
70 / 16	5 mm	3	MK16-50	5 mm	3	MK16-CK	14 mm	1	MK16-C	14 mm	1	MK16-230	14 mm	1	MK16-520
95 / 18	5 mm	4	MK18-50	5 mm	4	MK18-CK	14 mm	2	MK18-C	12 mm	2	MK18-230	14 mm	2	MK18-520
120 / 20	5 mm	4	MK20-50	5 mm	4	MK20-CK	14 mm	2	MK20-C	14 mm	2	MK20-230	14 mm	2	MK20-520
150 / 22	5 mm	4	MK22-50	5 mm	4	MK22-CK	14 mm	2	MK22-C	14 mm	2	MK22-230	14 mm	2	MK22-520
185 / 25	5 mm	4	MK25-50	5 mm	4	MK25-CK	14 mm	2	MK25-C	14 mm	3	MK25-230	14 mm	3	MK25-520
240 / 28	5 mm	4	MK28-50	5 mm	4	MK28-CK	10 mm	2	MK28-C	14 mm	2	MK28-230	14 mm	2	MK28-520
300 / 32				5 mm	4	MK32-CK	7 mm	3	MK32-C	17 mm	2	MK32-230	17 mm	2	MK32-520
400 / 38										17 mm	3	MK38-230	17 mm	3	MK38-520
500 / 42										17 mm	3	MK42-230	17 mm	3	MK42-520
625 / 44										17 mm	3	MK44-230	17 mm	3	MK44-520
800 / 52													25 mm	3	MK52-520
1000 / 58													25 mm	3	MK58-520

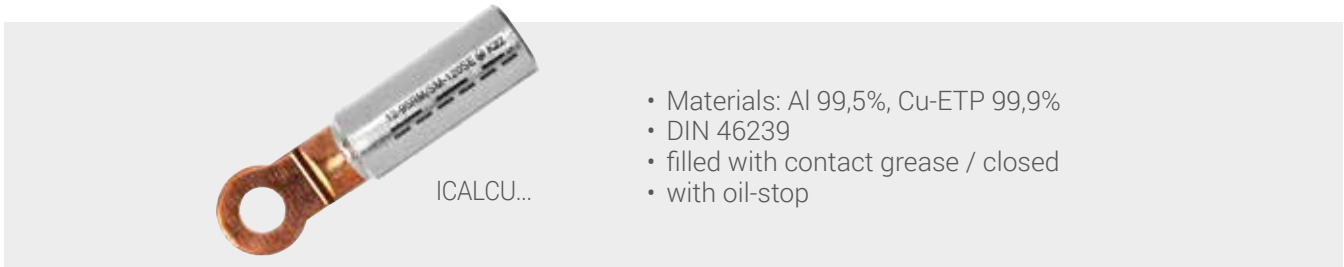
**AL DIN-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS**



- Material: Al 99,5 % / ...LDV: tinned
- DIN 46239 (lugs) / 46267 (joint connectors)
- filled with contact grease / closed
- with oil-stop



*ICAL...LD with tinned surface: ICAL...LDV  
With this special thickness of tinning, these types are also applicable for Al-Cu connections.*
















- Materials: Al 99,5%, Cu-ETP 99,9%
- DIN 46239
- filled with contact grease / closed
- with oil-stop

AI / AL - CU DIN-series		 ICAL...  ICAL...LD  ICALCU...					 ICAL...V
mm <sup>2</sup> stranded Al cable	mm <sup>2</sup> solid Al cable	M8	M10	M12	M16	M20	
16	25	ICAL168 ICAL168LD ICALCU168	ICAL1610 ICAL1610LD ICALCU1610				ICAL16V
25	35	ICAL258 ICAL258LD ICALCU258	ICAL2510 ICAL2510LD ICALCU2510	ICALCU2512			ICAL25V
35	50	ICAL358 ICAL358LD ICALCU358	ICAL3510 ICAL3510LD ICALCU3510	ICAL3512 ICAL3512LD ICALCU3512			ICAL35V
50	70	ICAL508 ICAL508LD ICALCU508	ICAL5010 ICAL5010LD ICALCU5010	ICAL5012 ICAL5012LD ICALCU5012			ICAL50V
70	95		ICAL7010 ICAL7010LD ICALCU7010	ICAL7012 ICAL7012LD ICALCU7012	ICALCU7016		ICAL70V
95	120		ICAL9510 ICAL9510LD ICALCU9510	ICAL9512 ICAL9512LD ICALCU9512	ICAL9516 ICAL9516LD ICALCU9516		ICAL95V
120	150		ICAL12010 ICAL12010LD ICALCU12010	ICAL12012 ICAL12012LD ICALCU12012	ICAL12016 ICAL12016LD ICALCU12016		ICAL120V
150	185		ICAL15010 ICAL15010LD ICALCU15010	ICAL15012 ICAL15012LD ICALCU15012	ICAL15016 ICAL15016LD ICALCU15016	ICAL15020 ICAL15020LD	ICAL150V
185	240		ICAL18510 ICAL18510LD ICALCU18510	ICAL18512 ICAL18512LD ICALCU18512	ICAL18516 ICAL18516LD ICALCU18516	ICAL18520 ICAL18520LD ICALCU18520	ICAL185V
240	300		ICAL24010 ICAL24010LD ICALCU24010	ICAL24012 ICAL24012LD ICALCU24012	ICAL24016 ICAL24016LD ICALCU24016	ICAL24020 ICAL24020LD ICALCU24020	ICAL240V
300	-		ICALCU30010	ICAL30012 ICAL30012LD ICALCU30012	ICAL30016 ICAL30016LD ICALCU30016	ICAL30020 ICAL30020LD ICALCU30020	ICAL300V
400	-		ICALCU40010	ICAL40012 ICAL40012LD ICALCU40012	ICAL40016 ICAL40016LD ICALCU40016	ICAL40020 ICAL40020LD ICALCU40020	ICAL400V
500	-		ICALCU50010	ICAL50012 ICAL50012LD ICALCU50012	ICAL50016 ICAL50016LD ICALCU50016	ICAL50020 ICAL50020LD ICALCU50020	ICAL500V
630	-			ICALCU62512	ICALCU62516	ICALCU62520	



AL DIN-SERIES - TUBULAR CABLE LUGS AND CONNECTORS & CRIMPING TOOLS

	TOOL SERIES 50 50 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-1, 60-3 60 kN, 10 - 240 mm <sup>2</sup>	TOOL SERIES 60-2 60 kN, 10 - 300 mm <sup>2</sup>	TOOL SERIES 130 130 kN, 10 - 400 mm <sup>2</sup>
hand-mechanic		 MP60-1      MP60-3	 MP60-2	
hydraulic head		 PP60-1	 PP60-2	 PP130-C    PP130-C2    PP130-H
hand-hydraulic	 HP50	 HP60-3	 HP60-4	 HPI130-C    HPI130-C2    HPI130-H
eccu-hydraulic	 STILO50	 AP60-1	 STILO60      AP60-2	 AP130-C    AP130-C2    AP130-H

	SERIES 50, 60-1, 60-3			SERIES 60-2			SERIES 130			SERIES 230		
												
mm <sup>2</sup> / dies code	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.	Crimping width	N. of crimps	Order n.
16 / 12	7 mm	2	MK12B-50	7 mm	2	MK12B-CK	14 mm	1	MK12-C	14 mm	1	MK12-230
25 / 12		2			2			1				
35 / 14	7 mm	3	MK14B-50	7 mm	3	MK14B-CK	14 mm	2	MK14-C	14 mm	2	MK14-230
50 / 16	7 mm	4	MK16B-50	7 mm	3	MK16B-CK	14 mm	2	MK16-C	14 mm	2	MK16-230
70 / 18	7 mm	5	MK18B-50	7 mm	3	MK18B-CK	14 mm	2	MK18-C	12 mm	2	MK18-230
95 / 22	7 mm	5	MK22B-50	7 mm	3	MK22B-CK	14 mm	2	MK22-C	40 mm	1	MK22B-230
120 / 22												
150 / 25	7 mm	5	MK25B-50	7 mm	3	MK25B-CK	14 mm	3	MK25-C	40 mm	1	MK25B-230
185 / 28	7 mm	5	MK28B-50	7 mm	4	MK28B-CK	14 mm	3	MK28L-C	40 mm	1	MK28B-230
240 / 32	5 mm	5	MK32-50V	7 mm	5	MK32B-CK	17 mm	3	MK32L-C	25 mm	2	MK32B-230
300 / 34				5 mm	4	MK34-CK	17 mm	3	MK34L-C	25 mm	2	MK34B-230
400 / 38										25 mm	2	MK38B-230
500 / 44										17 mm	3	MK44-230
630 / 46										25 mm	3	MK46B-230

**NICKEL AND STAINLESS STEEL CABLE LUGS**

Nickel-series

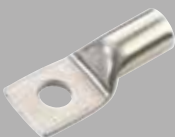
- material: pure nickel
- for high temperature operation, T 500°C

Ni	 ICNI...								
	M3	M4	M5	M6	M8	M10	M12	M16	
mm <sup>2</sup>									
0,5 - 1	ICNI13	ICNI14	ICNI15						ICNI1V
1,5 - 2,5		ICNI24	ICNI25	ICNI26					ICNI2V
4 - 6		ICNI64	ICNI65	ICNI66	ICNI68				ICNI6V
10			ICNI105	ICNI106	ICNI108				ICNI10V
16			ICNI165	ICNI166	ICNI168				ICNI16V

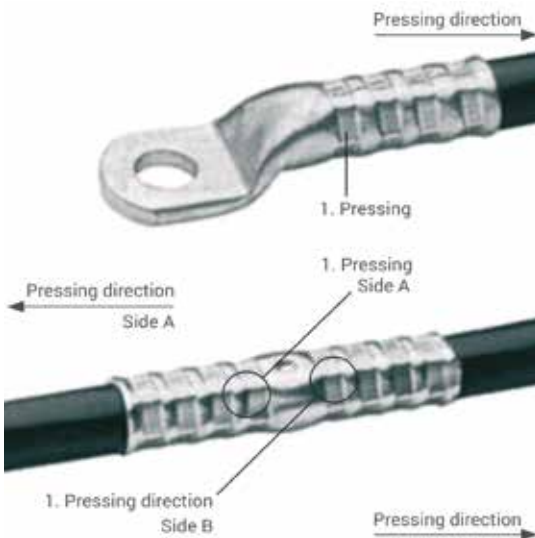
Stainless Steel-series

- material: stainless steel, V4A
- for high temperature operation, T 400°C
- strong and durable
- safe against oxidation and acids, and safe for food



Steel	 ICVA...							
	M3	M4	M5	M6	M8	M10	M12	M16
mm <sup>2</sup>								
1,5 - 2,5		ICVA24	ICVA25	ICVA26				
4 - 6		ICVA64	ICVA65	ICVA66	ICVA68			
10			ICVA105	ICVA106	ICVA108			
16			ICVA165	ICVA166	ICVA168			
25				ICVA256	ICVA258			
35				ICVA356	ICVA358	ICVA3510		
50					ICVA508	ICVA5010	ICVA5012	
70					ICVA708	ICVA7010	ICVA7012	ICVA7016
95					ICVA958	ICVA9510	ICVA9512	ICVA9516

GENERAL CRIMPING INSTRUCTIONS, I-CRIMPING



Processing indications for connection material

Assembly instructions for cable lugs and connectors

Strip the conductor according to the insertion length (+10% due to change in length of ferrule).

The ends of the conductor must be cleaned mechanically before assembly.

Insert the conductor into the cable lug or connector up to the full insertion length.

Press the cable lug or connector with the assigned tools and in compliance with the pressing direction.

The pressing direction for cable lugs and connectors can be seen in the adjacent sketch.

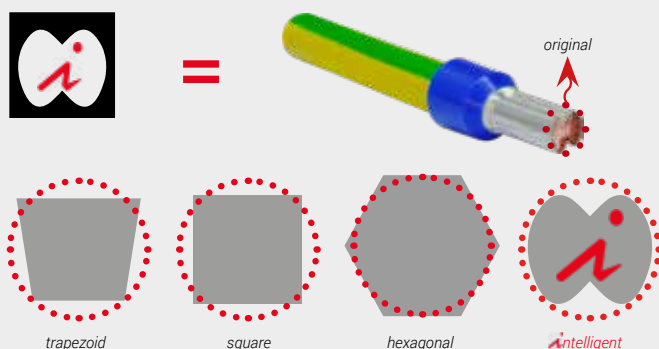
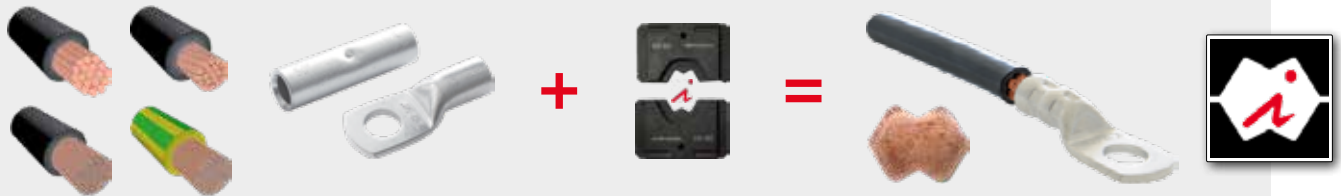
In the case of aluminum cable lugs and aluminum connectors, wipe off any excess pressing compound that has escaped.

For the number of pressings of the individual cross sections we recommend the following:

Cross section mm <sup>2</sup>	Tubular cable lugs		Compression cable lugs DIN 46235			Aluminum compression cable lugs		
	5 mm Crimping dies	Width Crimping dies	Index	5 mm Crimping dies	Width Crimping dies	Index	7 mm Crimping dies	Width Crimping dies
6	1		5	1				
10	1		6	1				
16	2	1	8	2	1	10	3	1
25	2	1	10	2	1	12	4	2
35	2	1	12	2	1	14	5	2
50	2	1	14	3	1	16	5	2
70	2	1	16	3	1	18	6	3
95	2	1	18	4	2	22	6	3
120	3	1	20	4	2	22	6	3
150	3	1	22	4	2	25	6	3
185	3	2	25	4	2	28	6	3
240	4	2	28	4	2	32	6	3
300	4	2	32	4	2	34	6	3
400	4	2	38		3	38		3
500			42		3	44		4
625			44		3			
800			52		3			
1000			58		3			



*The most advanced intelligent crimping form, using the benefits of the hexagonal and the indent crimping at the same time.*



**COPPER SHEET CABLE LUGS**



DIN 46237  
Cu-ETP 99,9%, Sn / Copper tinned  
PC / Polycarbonate insulation  
600V max.  
T 125°C max.



mm <sup>2</sup>	M2	M3	M3,5	M4	M5	M6	M8	M10	M12	M16
0,1 - 0,5 ●	ICIQ052	ICIQ053		ICIQ054	ICIQ055					
0,5 - 1 ●	ICIQ12	ICIQ13	ICIQ135	ICIQ14 ICIQ14S	ICIQ15 ICIQ15S	ICIQ16	ICIQ18	ICIQ110		
1,5 - 2,5 ●		ICIQ23	ICIQ235	ICIQ24 ICIQ24S	ICIQ25 ICIQ25S	ICIQ26	ICIQ28	ICIQ210	ICIQ212	
4 - 6 ●				ICIQ64	ICIQ65	ICIQ66	ICIQ68	ICIQ610	ICIQ612	
10 ●					ICIQ105	ICIQ106	ICIQ108	ICIQ1010		
16 ●					ICIQ165	ICIQ166	ICIQ168	ICIQ1610		
25 ●					ICIQ255	ICIQ256	ICIQ258	ICIQ2510	ICIQ2512	
35 ●						ICIQ356	ICIQ358	ICIQ3510	ICIQ3512	
50 ●						ICIQ506	ICIQ508	ICIQ5010	ICIQ5012	
70 ●						ICIQ706	ICIQ708	ICIQ7010	ICIQ7012	ICIQ7016
95 ●							ICIQ958	ICIQ9510	ICIQ9512	ICIQ9516
120 ●							ICIQ1208	ICIQ12010	ICIQ12012	ICIQ12016
150 ●								ICIQ15010	ICIQ15012	ICIQ15016

.....S: NARROW TYPE



DIN 46234  
Cu-HCP  
99,9%, Sn / Copper tinned

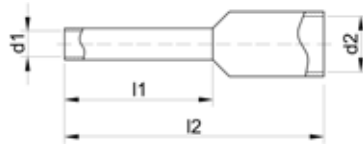
mm <sup>2</sup>	M2, M2,5	M3	M3,5	M4	M5	M6	M8	M10	M12	M16	M20
0,5 - 1	ICQ12, ICQ125	ICQ13	ICQ135	ICQ14	ICQ15	ICQ16	ICQ18	ICQ110			
1,5 - 2,5		ICQ23	ICQ235	ICQ24	ICQ25	ICQ26	ICQ28	ICQ210	ICQ212		
4 - 6				ICQ64	ICQ65	ICQ66	ICQ68	ICQ610	ICQ612		
10				ICQ104	ICQ105	ICQ106	ICQ108	ICQ1010	ICQ1012		
16					ICQ165	ICQ166	ICQ168	ICQ1610	ICQ1612		
25					ICQ255	ICQ256	ICQ258	ICQ2510	ICQ2512	ICQ2516	
35						ICQ356	ICQ358	ICQ3510	ICQ3512	ICQ3516	ICQ3520
50						ICQ506	ICQ508	ICQ5010	ICQ5012	ICQ5016	ICQ5020
70						ICQ706	ICQ708	ICQ7010	ICQ7012	ICQ7016	ICQ7020
95							ICQ958	ICQ9510	ICQ9512	ICQ9516	ICQ9520
120							ICQ1208	ICQ12010	ICQ12012	ICQ12016	ICQ12020
150								ICQ15010	ICQ15012	ICQ15016	ICQ15020
185								ICQ18510	ICQ18512	ICQ18516	ICQ18520
240								ICQ24010	ICQ24012	ICQ24016	

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Cu-ETP 99,9%, Sn / Copper tinned  
PP (Polipropilene insulation)  
T 105°C max.  
Halogen Free



mm <sup>2</sup>	Color 1		Color 2		DIN 46228/4	d1	d2	l2	l1	Pack	
0,14	●	ICIAE0146	●	ICIAE0146BR		0,7	1,6	10	<b>6</b>	100	
	●	ICIAE0148	●	ICIAE0148BR		0,7	1,6	12	<b>8</b>	100	
0,25	●	ICIAE0256	●	ICIAE0256HGE		0,75	1,8	10	<b>6</b>	100	
	●	ICIAE0258	●	ICIAE0258HGE		0,75	1,8	12	<b>8</b>	100	
0,34	●	ICIAE0346	●	ICIAE0346HGRÜ		0,8	2,0	10	<b>6</b>	100	
	●	ICIAE0348	●	ICIAE0348HGRÜ		0,8	2,0	12	<b>8</b>	100	
0,5	●	ICIAE056OR*	●	ICIAE056*	●	ICIAE056*	1,0	2,6	12	<b>6</b>	100
	●	ICIAE058OR*	●	ICIAE058*	●	ICIAE058*	1,0	2,6	14	<b>8</b>	100
	●	ICIAE0510OR*	●	ICIAE0510*	●	ICIAE0510*	1,0	2,6	16	<b>10</b>	100
0,75	●	ICIAE0756WE*	●	ICIAE0756B*	●	ICIAE07506*	1,2	2,8	12	<b>6</b>	100
	●	ICIAE0758WE*	●	ICIAE0758B*	●	ICIAE07508*	1,2	2,8	14	<b>8</b>	100
	●	ICIAE07510WE*	●	ICIAE07510BL*	●	ICIAE07510*	1,2	2,8	16	<b>10</b>	100
	●	ICIAE07512WE*	●	ICIAE07512BL*	●	ICIAE07512*	1,2	2,8	18	<b>12</b>	100
1	●	ICIAE16GE*	●	ICIAE16*	●	ICIAE16*	1,4	3,0	12	<b>6</b>	100
	●	ICIAE18GE*	●	ICIAE18*	●	ICIAE18*	1,4	3,0	14	<b>8</b>	100
	●	ICIAE110GE*	●	ICIAE110*	●	ICIAE110*	1,4	3,0	16	<b>10</b>	100
	●	ICIAE112GE*	●	ICIAE112*	●	ICIAE112*	1,4	3,0	18	<b>12</b>	100
1,5	●	ICIAE158RO*	●	ICIAE158*	●	ICIAE158*	1,7	3,5	14	<b>8</b>	100
	●	ICIAE1510RO*	●	ICIAE1510*	●	ICIAE1510*	1,7	3,5	16	<b>10</b>	100
	●	ICIAE1512RO*	●	ICIAE1512*	●	ICIAE1512*	1,7	3,5	18	<b>12</b>	100
	●	ICIAE1518RO*	●	ICIAE1518*	●	ICIAE1518*	1,7	3,5	24	<b>18</b>	100
2,5	●	ICIAE28*	●	ICIAE28GR*	●	ICIAE28*	2,2	4,2	14	<b>8</b>	100
	●	ICIAE212*	●	ICIAE212GR*	●	ICIAE212*	2,2	4,2	18	<b>12</b>	100
	●	ICIAE218*	●	ICIAE218GR*	●	ICIAE218*	2,2	4,2	24	<b>18</b>	100
4	●	ICIAE410*	●	ICIAE410OR*	●	ICIAE410*	2,8	4,8	17	<b>10</b>	100
	●	ICIAE412*	●	ICIAE412OR*	●	ICIAE412*	2,8	4,8	20	<b>12</b>	100
	●	ICIAE418*	●	ICIAE418OR*	●	ICIAE418*	2,8	4,8	26	<b>18</b>	100
6	●	ICIAE612SCH*	●	ICIAE612GRÜ*	●	ICIAE612*	3,5	6,3	20	<b>12</b>	100
	●	ICIAE618SCH*	●	ICIAE618GRÜ*	●	ICIAE618*	3,5	6,3	26	<b>18</b>	100
10	●	ICIAE1012ELF*	●	ICIAE1012BR*	●	ICIAE1012*	4,5	7,6	22	<b>12</b>	100
	●	ICIAE1018ELF*	●	ICIAE1018BR*	●	ICIAE1018*	4,5	7,6	28	<b>18</b>	100
16	●	ICIAE1612GRÜ*	●	ICIAE1612ELF*	●	ICIAE1612*	5,8	8,8	24	<b>12</b>	100
	●	ICIAE1618GRÜ*	●	ICIAE1618ELF*	●	ICIAE1618*	5,8	8,8	28	<b>18</b>	100
25	●	ICIAE2516BR*	●	ICIAE2516SCH*	●	ICIAE2516*	7,3	11,2	30	<b>16</b>	50
	●	ICIAE2518BR*	●	ICIAE2518SCH*	●	ICIAE2518*	7,3	11,2	32	<b>18</b>	50
	●	ICIAE2522BR*	●	ICIAE2522SCH*	●	ICIAE2522*	7,3	11,2	36	<b>22</b>	50
35	●	ICIAE3516BE*			●	ICIAE3516*	8,3	12,7	30	<b>16</b>	50
	●	ICIAE3518BE*			●	ICIAE3518*	8,3	12,7	32	<b>18</b>	50
	●	ICIAE3525BE*			●	ICIAE3525*	8,3	12,7	39	<b>25</b>	50
50	●	ICIAE5020OL*			●	ICIAE5020*	10,3	15,0	36	<b>20</b>	50
	●	ICIAE5025OL*			●	ICIAE5025*	10,3	15,0	40	<b>25</b>	50
70	●	ICIAE7021				13,5	16,0	37	<b>21</b>	25	
95	●	ICIAE9525				14,5	18,0	44	<b>25</b>	25	
120	●	ICIAE12027				16,5	20,0	48	<b>27</b>	10	
150	●	ICIAE15032				19,5	23,0	58	<b>32</b>	10	

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