intercable TOOLS

Basics Catalog



www.intercable-tools.com

QUALITY MADE IN ITALY AND GERMANY



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 pone 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.

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

1000V IEC 60900



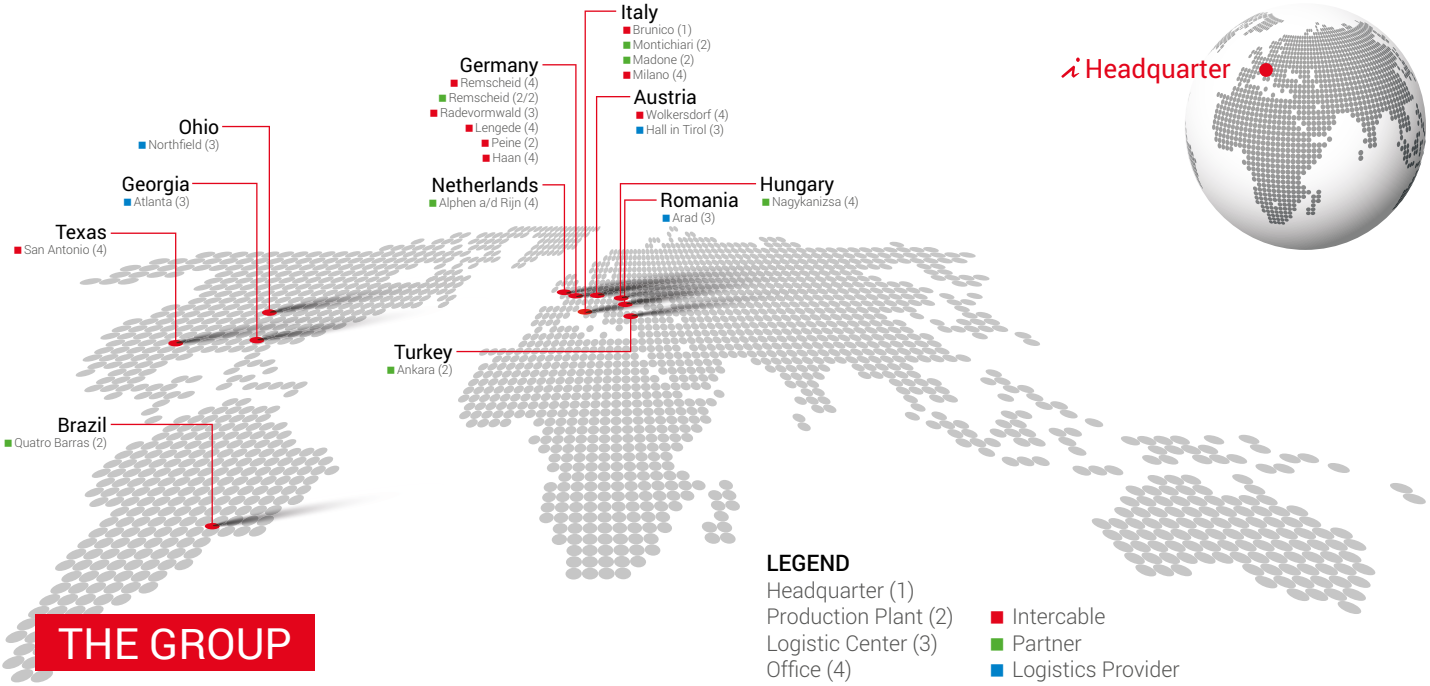
QUALITY

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.



THE GROUP

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.

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 10mm², to control the perfect connection

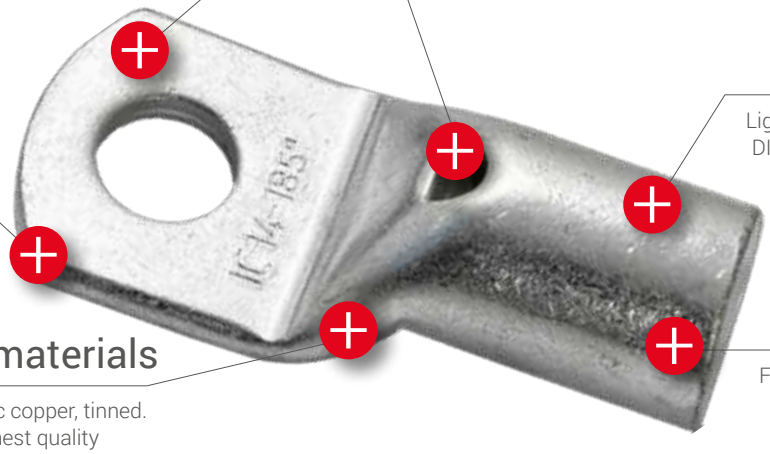
100% MADE IN GERMANY

Cost-Efficient

Lighter and shorter compared to DIN lugs without compromising on capabilities

Certified

UL-approved



Variety range of use

For copper cables class 1and 2 and for flexible cables class 5. Best performance with i-crimping

Highest quality materials

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

Cu I	 CI...-M..	 CI...-M...-90	 CI...-M...-45							 CTT-...
mm²	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-M12-45	CI240-M14 CI240-M14-45	CI240-M16 CI240-M16-90 CI240-M16-45	CI240-M20 CI240-M20-90 CI240-M20-45	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 mm²	TOOL SERIES 60-1, 60-3 60 kN, 10 - 240 mm²	TOOL SERIES 60-2 60 kN, 10 - 300 mm²	TOOL SERIES 130 130 kN, 10 - 400 mm²
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	STIL050	AP60-1	STIL060, AP60-2	AP130-C, AP130-C2, AP130-H

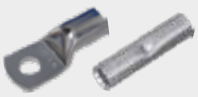


The most advanced intelligent crimping form, using the benefits of the hexagonal and the indent crimping at the same time.

	CRIMPING DIES SERIES 50, 60-1, 60-3						CRIMPING DIES SERIES 60-2			CRIMPING DIES SERIES 130		
												
mm²	Crimping width	N. of crimps	Order No.	Crimping width	N. of crimps	Order No.	Crimping width	N. of crimps	Order No.	Crimping width	N. of crimps	Order No.
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

intercable TOOLS

MECHANIC CRIMPING TOOLS - OVERVIEW

CRIMPING TOOLS	APPLICATION	CROSS SECTION	CRIMP FORM	FEATURE
 MPIQ6	 insulated terminals	0,5 - 6 mm²		ratcheting mechanic
 MPAE16S	 end-sleeves	0,08 - 16 mm²		ratcheting mechanic
 MPAE16T	 end-sleeves	0,14 - 16 mm²		ratcheting mechanic
 PMT50	 end-sleeves	10 - 50 mm²		ratcheting mechanic
 MPAE50R	 end-sleeves	10 - 50 mm²		ratcheting mechanic
 MPAE95R	 end-sleeves	50 - 95 mm²		ratcheting mechanic
 PMCL16	 uninsulated terminals	0,5 - 16 mm²		ratcheting mechanic
 PM-TRE	insulated terminals uninsulated terminals end-sleeves	0,5 - 6 mm² 0,5 - 10 mm² 0,14 - 10 mm²		ratcheting mechanic
 MPUSET-2	insulated terminals end-sleeves end-sleeves	0,5 - 6 mm² 0,14 - 2,5 mm² 4 - 16 mm²		ratcheting mechanic
 MPR-1	 I-series	6 - 50 mm²		revolving crimping dies
 MPR-2	 I-series	25 - 150 mm²		revolving crimping dies
 MP60-1	depending on the inserted crimping dies *	6 - 240 mm²	depending on the inserted crimping dies *	interchangeable crimping dies *
 MP60-3	depending on the inserted crimping dies *	6 - 240 mm²	depending on the inserted crimping dies *	interchangeable crimping dies *
 MP60-2	depending on the inserted crimping dies *	6 - 300 mm²	depending on the inserted crimping dies *	interchangeable crimping dies *

* Crimping dies for the MP60 mechanic presses check the General catalog

HYDRAULIC CRIMPING TOOLS - OVERVIEW

CRIMPING HEADS*		HAND OPERATED	BATTERY OPERATED		CRIMPING SECTION MAX.	CRIMPING FORCE
SERIES 45		 HP45	 STILO45		150 mm²	45 kN
SERIES 50		 HP50	 STILO50		240 mm²	50 kN
SERIES 60-1/3	 PP60-1	 HP60-3		 AP60-1	240 mm²	60 kN
SERIES 60-2/4	 PP60-2	 HP60-4	 STILO60	 AP60-2	300 mm²	60 kN
SERIES 60-VD		 HP60-VD		 AP60-VD	300 mm²	60 kN
SERIES 130-C	 PP130-C	 HPI130-C	head opening: 29 mm	 AP130-C	400 mm²	130 kN
SERIE 130-C2	 PP130-C2	 HPI130-C2	head opening: 42 mm	 AP130-C2	400 mm²	130 kN
SERIES 130-H	 PP130-H	 HPI130-H		 AP130-H	400 mm²	130 kN
SERIES 230	PP230-630  PP230				630 mm²	230 kN
SERIES 520	 PP520				1.000 mm²	520 kN
SERIES 600	 PP600				1.600 mm²	600 kN

* Tool heads operated by hydraulic pumps, see page 19
* Bigger crimping tools on request

intercable TOOLS

HYDRAULIC CRIMPING TOOLS

HP50



- Light and compact structure
- Pump body in light alloy
- Rotatable crimping head
- Quick feed with double hydraulic cylinder
- Automatic pressure safety valve
- Manual return at any position by turning the main handle

Set equipment:
- Test report
- Manual crimping tool
- Plastic case for manual hydraulic tool and crimping dies

Intercable hydraulic crimping tools

Stilo60



- Light and compact design for easy handling
- Ergonomically shaped 2-component handle for optimal one-hand operation
- Rotatable crimping head for more flexibility in difficult working areas
- Extremely fast work thanks to triple axial piston pump
- Quick tool release thanks to the patented return valve
- Soft start and quick stop increase the service life
- Automatic motor shut down and retraction at the end of the crimping cycle
- No aborted press cycles due to ongoing monitoring of residual battery charge
- Manual retraction at any position as required
- Data of working cycles readable via USB interface
- 3-color LED displays for battery, malfunction and due date - service display on the device
- Service after 20,000 cycles
- High performance battery - Li-Ion 18V / 2.0Ah
- Battery charging time: 30 minutes

Set equipment:
- Test report
- Battery-operated hydraulic crimping tool
- Battery 18 V / 2,0 Ah Li-Ion (RA20)
- Battery charger (LG8)
- USB-cable
- Software (CD)
- Rigid plastic case

Stilo50

check page 5 for I-series crimping dies

AP60-1

AP60-2

AP130-C2



WARRANTY 3 YEARS

RoHS 2002/95/EC

CE

DESIGN AWARD

- 3 years of warranty or 20.000 work cycles
- Light and compact structure
- Rotatable crimping head
- High speed feed with double hydraulic cylinder
- Pressure release button with single handed operation (on both sides, for left- and right handed operators)
- Fastening ring for shoulder strap
- Ergonomic grip for weight balance to ensure an easy and safe operation
- Durable, shock-resistant housing, grip and pressure release button
- Powerful LED for working space illumination

Set equipment:
- Test report
- Battery-operated hydraulic crimping tool
- Battery 18 V / 5,0 Ah Li-Ion (RA50)
- Battery charger (LG8)
- Rigid plastic case for crimping tool and maximum 18 crimping dies
- Shoulder strap (TG2)

MECHANIC CUTTING TOOLS - OVERVIEW

RATCHETING CUTTING TOOLS	1000V	LENGTH	MAX. CUTTING DIAMETER	APPLICATION RANGE
 1605032	1000V IEC 60900	265 mm	Ø 32 mm	• Copper • Aluminium
 1608032	1000V IEC 60900	346 mm	Ø 32 mm	• ACSR (Aluminium + Steel)
 1607054	1000V IEC 60900	285 mm	Ø 54 mm	• Copper • Aluminium
 1605054	1000V IEC 60900	320 mm	Ø 54 mm	• Copper • Aluminium
 1606054	non insulated	320 mm	Ø 54 mm	• Copper • Aluminium

CUTTING HAND TOOLS	1000V	LENGTH	MAX. CROSS SECTION	APPLICATION RANGE
 1202160	1000V IEC 60900	160 mm		• Copper • Aluminium • Hard and soft wires
 16032	1000V IEC 60900	180 mm		• Copper • Aluminium • Hard and soft wires
 1604160	1000V IEC 60900	160 mm	50 mm^2	• Copper • Aluminium
 11094	1000V IEC 60900 ISOplus	170 mm	50 mm^2	• Copper • Aluminium
 1604200	1000V IEC 60900	200 mm	70 mm^2	• Copper • Aluminium

SCISSORS	CABLE KNIVES		
 16020-F1	 AV3910	 AV3920	 AV3930
• Cutting Al, Cu cables up to 50 mm^2 • Stripping cables • Crimping end-sleeves up to 4 mm^2	• Universal sharp blade • Replaceable standard blade	• Specially hardened blade • Shape of the blade is designed to strip cables without damaging the wires	• Special ceramic blade • Shape of the blade is designed to strip cables without damaging the wires
Not suitable for work under voltage	1000V IEC 60900	1000V IEC 60900	1000V IEC 60900

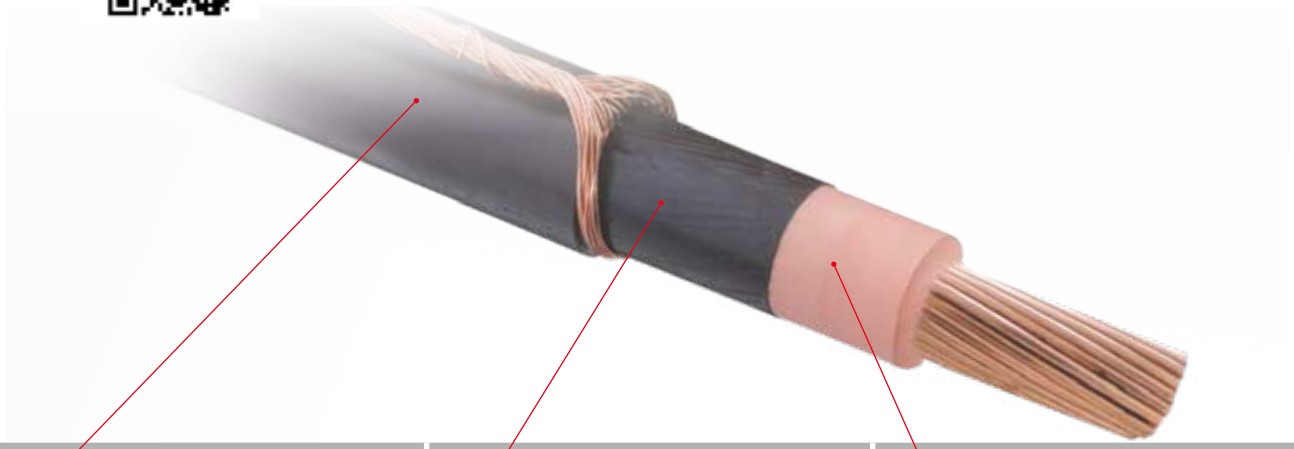
intercable TOOLS

HYDRAULIC CUTTING TOOLS - OVERVIEW

CUTTING HEADS*		HAND OPERATED	BATTERY OPERATED		CUTTING Ø MAX.	APPLICATION RANGE
SERIES 25	 PS25	 HS25	 STILO-S25	 AS25	Ø 25 mm	• Steel • ACSR • Aluminium • Copper
SERIES 26			 STILO-S26		Ø 26 mm	• Steel • ACSR • Aluminium • Copper
SERIES 40			 STILO-S40		Ø 40 mm	• Aluminium • Copper
SERIES 45	 PS45	 HSI45		 AS45	Ø 45 mm	• Steel • ACSR • Aluminium • Copper
SERIES 50	 PS50	 HSI50	 STILO-S50F	 AS50	Ø 50 mm	• Aluminium • Copper • Light armoured cables
SERIES 54			 STILO-S54		Ø 54 mm	• Aluminium • Copper
SERIES 65	 PS65			 AS65	Ø 65 mm	• Aluminium • Copper • Light armoured cables
SERIES 85	 PS85	 HSI85		 AS85	Ø 85 mm	• Aluminium • Copper • Light armoured cables
SERIES 95	 PS95			 AS95	Ø 95 mm	• Aluminium • Copper • Light armoured cables
SERIES 120-2	 PS120-2			 AS120-2	Ø 120 mm	• Aluminium • Copper • Light armoured cables
SERIES 120	 PS120 (SK160)				Ø 120 mm	• Aluminium • Copper • Heavy armoured cables

* Tool heads operated by hydraulic pumps, see page 19
* Bigger Cutting Tools on Request

STRIPPING TOOLS - OVERVIEW



STRIPPING TOOLS FOR EXTERNAL INSULATION



AB16 (0,03 - 16 mm²) | PTS4 (0,2 - 6 mm²) | AV8203 (1,5 - 35 mm²)

ABI1
(Ø 4,5 - 29 mm)



AMS *
AV6220
(Ø > 25 mm)



AMX
17300
(Ø 16 - 54 mm)



AIS
17190
(Ø 16 - 54 mm)



FSI 150
17170
(16 - 150 mm²)



FSI
AE6200
(rigid, single 10 mm², flexi 2,5-4-6 mm²)



1609076
(Ø 20 - 76 mm)



STRIPPING TOOLS FOR SEMICONDUCTOR LAYERS

FBS
17220
(Ø 10 - 52 mm
vulcanized, bonded)



FBS II
(Ø 16 - 58 mm vulcanized)
17250 (17°)
17252 (8°)



HLS
AV6400
(Ø 16 - 41 mm
non vulcanized)



STRIPPING TOOLS FOR PRIMARY INSULATION

IMS 20kV
AV6310
(25 - 240 mm²)



AV63300
(300 mm²),

AV63400
(400 mm²)



IMS II
17230
(Ø 15 - 52 mm)



IMS III
17260
(Ø 15 - 58 mm)



UFS
17240
(Ø 15 - 60 mm)







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

Video playlist about the stripping tools

* AMS 1000V and MAXI size version is available too

intercable TOOLS

CABLE STRIPPING TOOLS

ABI1 - Self adjustable cable stripper



- Wide range of applications: diameter 4.5 mm to 29 mm
- Suitable for soft and hard insulation Tipos of cables
- Hardened steel blade
- Special grinding of the blade for clean removal of the outer casing
- Round, longitudinal and spiral cuts possible
- No tilting due to axial pulling of the device in the longitudinal direction
- Cutting depth in increments of 0.1 mm to 3 mm adjustable using the rotary knob (clockwise)
- No damage to the underlying layers
- Thanks to the special sliding properties of the contact surface, resistance-free working on the cable is guaranteed
- Small and compact design
- Handy & ergonomic design
- Blocking system: this function prevents opening in the position: longitudinal cut
- This prevents the blade from breaking off due to misuse



with quick hold & release spring system

Description	Order No.	Weight	Length
Set ABI1	**ABI1**	150 g	140 mm

AMS - Universal cable stripper for external insulation



AMS-Set - AV6220



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

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

Description	Order No.	Weight	Length
Set AMS	**AV6220**	200 g	155 mm

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

1000V IEC 60900

ISO 5746
UNI 9894
VDE 0682–201

100% MADE IN ITALY

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



Art. N.	Length	Weight
1201160	160 mm	218 g
1201180	180 mm	250 g
1201200	200 mm	282 g

Flat-nosed pliers



Art. N.	Length	Weight
1206160	160 mm	170 g

Telephone pliers, straight



Art. N.	Length	Weight
1203160	160 mm	170 g
1203200	200 mm	208 g

Telephone pliers, bent 45°



Art. N.	Length	Weight
1204160	160 mm	164 g
1204200	200 mm	206 g

GENERAL HAND TOOLS - PLIERS

Round-nosed pliers



Art. N.	Length	Weight
1207160	160 mm	154 g

Side cutting pliers



Art. N.	Length	Weight
1202160	160 mm	198 g

Stripping plier



Art. N.	Length	Weight
1205160	160 mm	190 g

Water-pump pliers, 7 phases



Art. N.	Length	Weight
1110250	240 mm	398 g

Gripping pliers ISOplus insulated 2K



Art. N.	Length	Weight
11091	180 mm	140 g

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

Combination pliers ISOplus insulated 2K



Art. N.	Length	Weight
111092	190 mm	147 g

- for Cu and Al cables with maximum 16 mm², with extra long blades
- gripping surface with 3 identations for various cable diameters

Telephone pliers ISOplus insulated 2K



Art. N.	Length	Weight
11095	200 mm	138 g

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

Cable cutting pliers ISOplus insulated 2K D15



Art. N.	Length	Weight
111094	170 mm	150 g

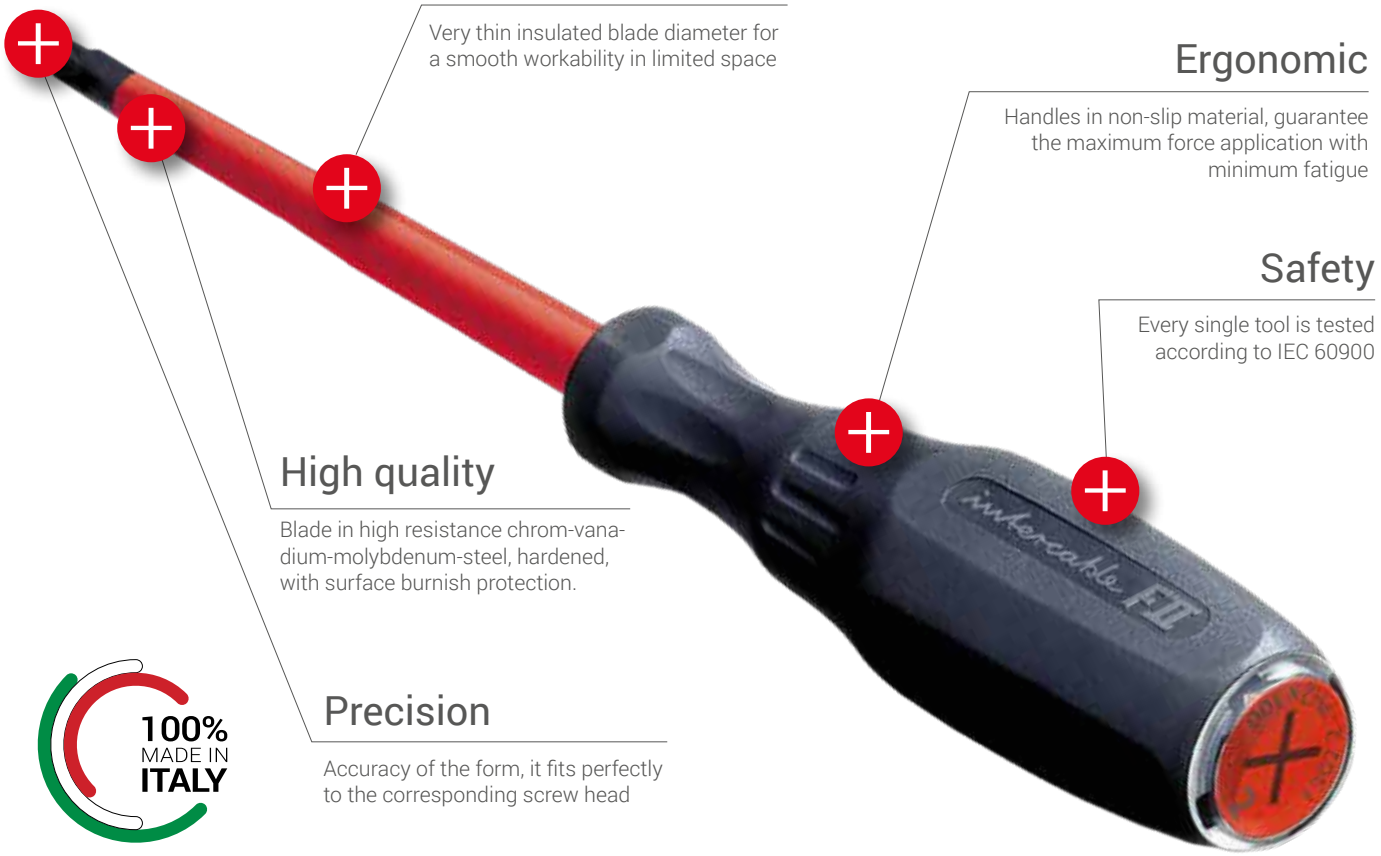
- for Cu and Al cables with maximum 50 mm²

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

1000V IEC 60900



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 "Phillips"-head screws
red



For "Pozidriv"-head screws
green



For hex socked-head screws
white



For hex-head screws
violet



For TORX® head screws
blue



For combinated"Phillips"-head screws
red / yellow



For combinated "Pozidriv"-head screws
green / yellow

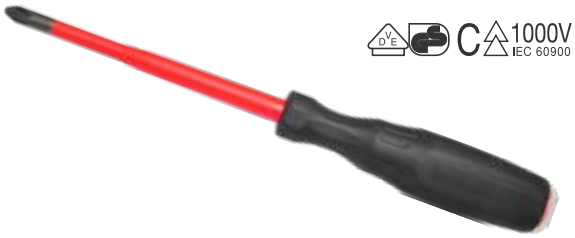
TORX® registered trademark of CAMCAR TEXTRON, Rockford, Illinois, USA

GENERAL HAND TOOLS - SCREWDRIVERS



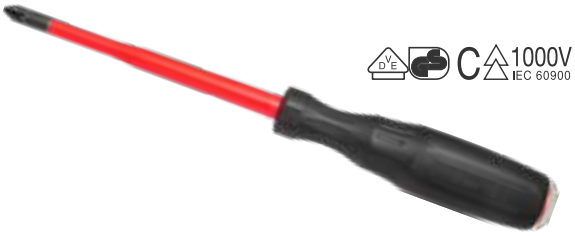
Screwdriver for slotted head screws – FUTUR II

Tipo	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



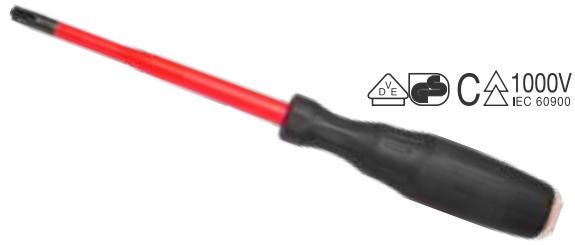
Screwdriver for “Phillips” screws – FUTUR II

Tipo	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



Screwdriver for “Pozidriv” screws – FUTUR II

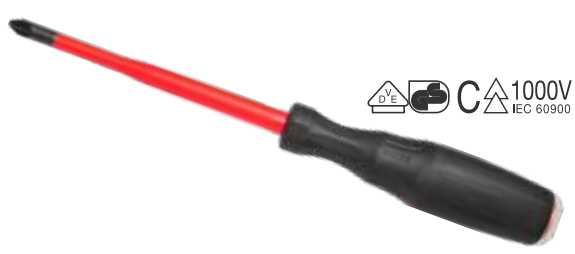
Tipo	Order No.	mm	mm	mm
	13030	0	60	160
	13031 *	1	75	175
	13032 *	2	100	205
	13033	3	150	265



Combination screwdriver “Phillips” – FUTUR II

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

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



Combination screwdriver “Pozidriv” – FUTUR II

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

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

slim * SLIM Tipos



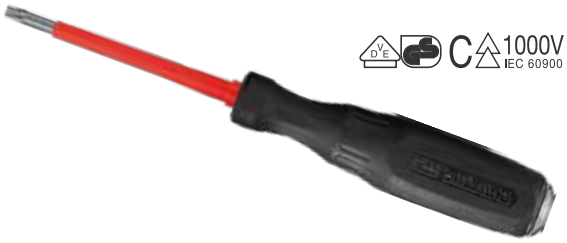
Screwdriver for hexagon socket screws – FUTUR II

Tipo	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



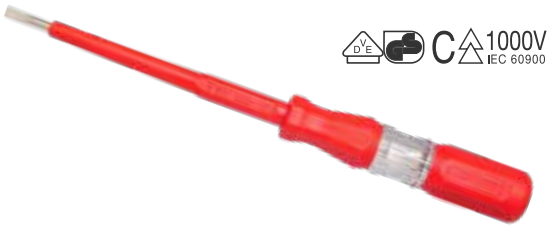
Screwdriver for hexagon screws – FUTUR II

Tipo	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	240
	1306100	10	125	240
	1306110	11	125	240
	1306120	12	125	240
	1306130	13	125	240



TORX® Screwdriver – FUTUR II

Tipo	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

Screwdrivers - cardboard counter display

phase	AV6104		13030
	AV6105		13031
	1301025		13032
	1301035		13020
	1304040		13021
	1301045		13022
	1301055		13141
	1301065		13142



ADDITIONAL TOOLS



Universal cabinet key in pocket format

Description	Order No.	Dimensions	Weight
Universal Key	**QUATTRO**	91 x 26 x 15 mm	95 g
Universal Key - D	**QUATTRO-D**	91 x 26 x 15 mm	95 g
Universal Key - S	**QUATTRO-S**	91 x 26 x 15 mm	103 g

- 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 Tipo 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				
QUATTRO-S		10 x 7 mm Daimler Benz 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





Set - EnerGrip

Equipment	Order No.
4 EnerGrip (AV8902)	**AS8902**

- Cable glands for excellent grip (Ø 3-12 mm)



Gel lubricant for inserting cables (1 litre)

Description	Order No.
Gel	**7142161**





Integrated flashlight

AC-tive Finder

Description	Length mm	Order No.
AC-tive Finder	158	**AM0204**

- Contactless detection of live cables from 24 VAC to 1000 VAC
- Very high sensitivity for tracking lines at greater depths (zoom)
- Localizes electrical voltages in cables, sockets, lampholders and fuses
- Highly visible LED signaling for displaying electrical voltages
- CAT III - 1000V - Applicable for measurements on the entire building installation
- Super bright, integrated flashlight with separate on / off button

HYDRAULIC PUMPS

Pump		Operation	Set equipment (pump + ...)
FPI70		Foot	• Metal case • Pressure gauge
FPI70S		Foot	• Flexible hose 3m • Metal case • Pressure gauge
FPI70 EC		Foot	• Metal case
FPI70S EC		Foot	• Flexible hose 3m • Metal case
CP700		Battery ↳ Main adapter available	• Battery and charger • Flexible hose 1,5 m • Remote control 1,5 m • USB-cable • Nylon bag with shoulder strap
CP700 EC		Battery ↳ Main adapter available	• Battery and charger • Flexible hose 1,5 m • Remote controle 1,5 m • USB-Cable • Nylon bag with shoulder strap
ANP24/220		Battery or Mains	• Remote controle 5 m • Power cord 3 m • Shoulder strap
NP220		Mains	• Remote control 5 m • Power cord 3 m
90404		Mains	• Remote control 5 m • Power cord 3 m
90418		Mains	• Remote control 5 m • Power cord 3 m
90415		Mains	• Remote control 5 m • Power cord 3 m
91421		Mains	• Remote control 5 m • Power cord 3 m



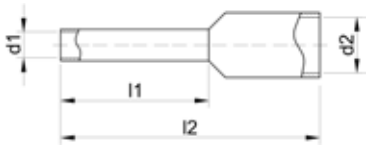




intercable TOOLS

CABLE END-SLEEVES





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

UL LISTED E486813

RoHS compliant

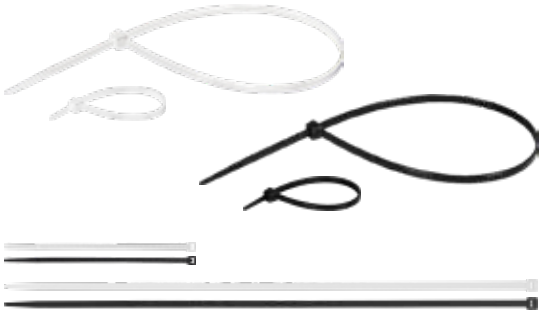
mm²	Color 1		Color 2		DIN 46228/4		d1	d2	l2	l1	Pack
0,14		ICIAE0146		ICIAE0146BR			0,7	1,6	10	**6**	100
		ICIAE0148		ICIAE0148BR			0,7	1,6	12	**8**	100
0,25		ICIAE0256		ICIAE0256HGE			0,75	1,8	10	**6**	100
		ICIAE0258		ICIAE0258HGE			0,75	1,8	12	**8**	100
0,34		ICIAE0346		ICIAE0346HGRÜ			0,8	2,0	10	**6**	100
		ICIAE0348		ICIAE0348HGRÜ			0,8	2,0	12	**8**	100
0,5		ICIAE056OR*		ICIAE056*		ICIAE056*	1,0	2,6	12	**6**	100
		ICIAE058OR*		ICIAE058*		ICIAE058*	1,0	2,6	14	**8**	100
		ICIAE0510OR*		ICIAE0510*		ICIAE0510*	1,0	2,6	16	**10**	100
0,75		ICIAE0756WE*		ICIAE0756B*		ICIAE07506*	1,2	2,8	12	**6**	100
		ICIAE0758WE*		ICIAE0758B*		ICIAE07508*	1,2	2,8	14	**8**	100
		ICIAE07510WE*		ICIAE07510BL*		ICIAE07510*	1,2	2,8	16	**10**	100
		ICIAE07512WE*		ICIAE07512BL*		ICIAE07512*	1,2	2,8	18	**12**	100
1		ICIAE16GE*		ICIAE16*		ICIAE16*	1,4	3,0	12	**6**	100
		ICIAE18GE*		ICIAE18*		ICIAE18*	1,4	3,0	14	**8**	100
		ICIAE110GE*		ICIAE110*		ICIAE110*	1,4	3,0	16	**10**	100
		ICIAE112GE*		ICIAE112*		ICIAE112*	1,4	3,0	18	**12**	100
1,5		ICIAE158RO*		ICIAE158*		ICIAE158*	1,7	3,5	14	**8**	100
		ICIAE1510RO*		ICIAE1510*		ICIAE1510*	1,7	3,5	16	**10**	100
		ICIAE1512RO*		ICIAE1512*		ICIAE1512*	1,7	3,5	18	**12**	100
		ICIAE1518RO*		ICIAE1518*		ICIAE1518*	1,7	3,5	24	**18**	100
2,5		ICIAE28*		ICIAE28GR*		ICIAE28*	2,2	4,2	14	**8**	100
		ICIAE212*		ICIAE212GR*		ICIAE212*	2,2	4,2	18	**12**	100
		ICIAE218*		ICIAE218GR*		ICIAE218*	2,2	4,2	24	**18**	100
4		ICIAE410*		ICIAE410OR*		ICIAE410*	2,8	4,8	17	**10**	100
		ICIAE412*		ICIAE412OR*		ICIAE412*	2,8	4,8	20	**12**	100
		ICIAE418*		ICIAE418OR*		ICIAE418*	2,8	4,8	26	**18**	100
6		ICIAE612SCH*		ICIAE612GRÜ*		ICIAE612*	3,5	6,3	20	**12**	100
		ICIAE618SCH*		ICIAE618GRÜ*		ICIAE618*	3,5	6,3	26	**18**	100
10		ICIAE1012ELF*		ICIAE1012BR*		ICIAE1012*	4,5	7,6	22	**12**	100
		ICIAE1018ELF*		ICIAE1018BR*		ICIAE1018*	4,5	7,6	28	**18**	100
16		ICIAE1612GRÜ*		ICIAE1612ELF*		ICIAE1612*	5,8	8,8	24	**12**	100
		ICIAE1618GRÜ*		ICIAE1618ELF*		ICIAE1618*	5,8	8,8	28	**18**	100
25		ICIAE2516BR*		ICIAE2516SCH*		ICIAE2516*	7,3	11,2	30	**16**	50
		ICIAE2518BR*		ICIAE2518SCH*		ICIAE2518*	7,3	11,2	32	**18**	50
		ICIAE2522BR*		ICIAE2522SCH*		ICIAE2522*	7,3	11,2	36	**22**	50
35		ICIAE3516BE*				ICIAE3516*	8,3	12,7	30	**16**	50
		ICIAE3518BE*				ICIAE3518*	8,3	12,7	32	**18**	50
		ICIAE3525BE*				ICIAE3525*	8,3	12,7	39	**25**	50
50		ICIAE5020OL*				ICIAE5020*	10,3	15,0	36	**20**	50
		ICIAE5025OL*				ICIAE5025*	10,3	15,0	40	**25**	50
70		ICIAE7021					13,5	16,0	37	**21**	25
95		ICIAE9525					14,5	18,0	44	**25**	25
120		ICIAE12027					16,5	20,0	48	**27**	10
150		ICIAE15032					19,5	23,0	58	**32**	10

* UL certificated

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intercable TOOLS

CABLE-TIES



Material: Polyamide PA6.6
Self extinguishing: UL94-V2
Operating temperature: -40°C ÷ + 85°C
Installation temperature: -10°C

Good resistance to oils and greases, solvents, petroleum products.

UL LISTED E486813 · CE · RoHS compliant · Halogen Free · PAH Free

Natural Color	Black Color	Width	Lenght	Max. Bundle Ø	Min. loop tensile	Packaging
Order No.	Order No.	[mm]	[mm]	[mm]	[kg]	
CTB2580	CTN2580	2,5	80	14,0	8	5.000/50.000
CTB2510	CTN2510	2,5	100	20,5	8	5.000/50.000
CTB2512	CTN2512	2,5	120	27,0	8	5.000/25.000
CTB2516	CTN2516	2,5	160	39,8	8	5.000/25.000
CTB2520	CTN2520	2,5	200	52,5	8	2.500/25.000
CTB3614	CTN3614	3,6	140	33,0	18	2.500/25.000
CTB3620	CTN3620	3,6	200	52,5	18	2.500/20.000
CTB3628	CTN3628	3,6	280	78,0	18	2.500/10.000
CTB3637	CTN3637	3,6	370	106,0	18	2.000/10.000
CTB4612	CTN4612	4,6	120	23,8	22	2.500/20.000
CTB4616	CTN4616	4,6	160	36,6	22	2.000/10.000
CTB4819	CTN4819	4,8	190	46,0	22	2.000/10.000
CTB4820	CTN4820	4,8	200	49,5	22	2.000/10.000
CTB4825	CTN4825	4,8	250	65,0	22	1.500/10.500
CTB4830	CTN4830	4,8	300	81,0	22	1.500/10.500
CTB4836	CTN4836	4,6	360	100,0	22	1.000/5.000
CTB4839	CTN4839	4,8	390	110,0	22	1.000/5.000
CTB4843	CTN4843	4,8	430	122,5	22	1.000/5.000
CTB7615	CTN7615	7,6	150	35,0	55	1.000/5.000
CTB7620	CTN7620	7,6	200	50,9	55	1.000/5.000
CTB7630	CTN7630	7,6	300	82,8	55	1.000/5.000
CTB7637	CTN7637	7,6	370	103,5	55	500/5.000
CTB7645	CTN7645	7,6	450	130,5	55	100/2.500
CTB7675	CTN7675	7,6	750	226,0	55	100/1.000
CTB9045	CTN9045	9,0	450	130,5	80	100/2.500
CTB9055	CTN9055	9,0	550	163,5	80	100/1.000
CTB9071	CTN9071	9,0	710	213,3	80	100/1.000
CTB9078	CTN9078	9,0	780	235,5	80	100/1.000
CTB9081	CTN9081	9,0	810	245,0	80	100/1.000
CTB9010	CTN9010	9,0	1020	312,0	80	100/500
CTB9012	CTN9012	9,0	1220	340,0	80	100/500
CTB9015	CTN9015	9,0	1530	474,5	80	100/500



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COPPER SHEET CABLE LUGS



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

RoHS compliant
Halogen Free

mm²	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 Tipo



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

mm²	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	



210 x 95 x 50 cm



75 x 50 x 25 cm



213 x 100 x 46 cm





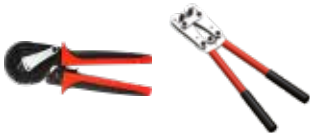




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