ITC

ELECTRICAL
COMPONENTS

Cutting, Stripping & Crimping Tools

- Cable and wire cutting tools
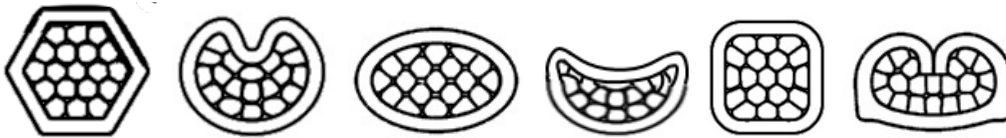- Cable and wire stripping tools
- Crimping Tools

Cutting, Stripping and Crimping Tools for Solderless Electrical Terminals and Ferrules

ITC offers an extensive line of copper and aluminum cable and wire cutting tools.

ITC offers the comprehensive **JOKARI** line of stripping tools for stripping cables (cable knives and strippers) as well as wires.

Professional crimping tools for solderless terminals (ferrules, crimp terminals and power lugs) must compress the whole length of the terminal's barrel without damaging the individual strands of the conductor and without breaking the terminal itself. Some terminals require a double crimping operation.

The tool used must match the type of solderless terminal which must be crimped, both in type and in wire gauge. The crimp shape produced by quality tools can vary from a simple indent to a single or double flat mark, or a concentric hexagonal shape.

All ITC tools are covered by a 1 year parts and labour warranty.

INDEX

Other tools available not listed in this catalog:

- Crimping tools, dies and locators for Turned and Milled contacts
- Crimping tools, dies and locators for crimp connectors, Solar contacts and automotive contacts
- MIL-Spec and 4/8 indent crimping tools
- Crimping machines for ferrules and terminals
- Wire processing machines

Wire and Cable Cutting Tools

Tools for Cutting Small Section Copper Wires and Cables [Max 10awg]

Three models of compact precision cutters for small diameters of insulated or non-insulated wire and cable.

Small section Cutters (Order by Part No.)

500.005	**500.005 - Multi-purpose Cutter / Plier / Crimping tool** [max 10AWG]
	- Cutter and a plier-type crimper - Two crimping slots provide quality crimping of most insulated / uninsulated terminals 0.5 to 2.5 mm2 (22-14AWG) **Length:** 200mm **Weight:** 270g
500.006	**500.006 – General purpose Diagonal Flush Cutters** [max 12AWG]
	- Ideal for cutting small wires, telecom wires, solid and stranded, and for trimming printed circuit boards - Short with spring action 12mm hardened steel blades **Length:** 115mm **Weight:** 85g
500.007	**500.007 – Side cutters for electronics** [max 14AWG]
	- Ideally designed for trimming electronic wire and printed circuit boards. 10mm angled blades with ergonomic handles **Length:** 125mm **Weight:** 63g

* NOTE maximum wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc.
Information subject to change without notice
Note – pictures are not to scale

Medium and Heavy-Duty Wire and Cable Cutters [Max. 500mm^2 = 1000mcm]

Eight precision cutters for small to large section of insulated or non-insulated wire and cable [**CU / AL only**].

Medium and Heavy-Duty Wire and Cable Cutters (Order by Part No.)

500.009	**500.009 - KCC-08 Cable and Wire Cutters** [10mm^2 / 8AWG]
	- A handy, economical tool which cuts solid, stranded and multi-conductor wire up to 8AWG, and coaxial cable up to RG-9/U **Material:** Hardened steel blades PVC coated handles **Length:** 165mm **Weight:** 140g
500.010	**500.010 - KCC-35 Medium-duty Cable Cutters** [35mm^2 / 2AWG]
	- Cuts copper and aluminium cables, solid and stranded, to a maximum of 38mm^2 (2AWG), and to a maximum diameter of 12.5mm (1/2"). **Material:** Hardened steel blades L= 8mm Plastic handles, ergonomically shaped **Length:** 210mm **Weight:** 300g
500.011	**500.011 - KCC-60 Medium-duty Cable Cutters** [60mm^2 / 1/0AWG]
	- For solid and stranded cables to a maximum of 60mm^2 (1/0AWG), and to a maximum diameter of 18.5mm (3/4") **Material:** Hardened steel blades l= 18mm Steel handles with plastic grips **Length:** 235mm **Weight:** 380g

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Medium and Heavy-Duty Wire and Cable Cutters (Order by Part No.) continued

500.012	**500.012 - KCC-80 Cable cutters** [70mm^2 / 2/0AWG]
	▪ Medium to heavy-duty tool cuts solid and stranded cables up to 70 mm^2 (2/0AWG), and up to diameter of 20mm (7/8") ▪ **Material:** Hardened steel blades L= ~22mm Steel handles with plastic grips ▪ **Length**: 320 **Weight**: 750g
500.015 RENNSTEIG	**500.015 - Dual-action professional cable cutter D20** [70mm^2 / 2/0AWG]
	▪ Double cutting edge for improved operation ▪ Cable is first cut with the front blade, then, if greater force is required, the cut is finished with the rear blade ▪ Adjustable joint screw, self-locking ▪ Small size facilitates operation in confined space ▪ Cuts cables up to 70mm^2 (2/0AWG), and to a maximum diameter of 25mm (1") ▪ **Material:** Special drop forged tempered steel blades rubberized coated handles ▪ **Length**: 200mm **Weight**: 340g
500.014	**500.014 - KCC-250 Heavy Duty cable cutters** [250mm^2 / 500 MCM]
	▪ Cuts effortlessly through Cu and Al cables up to 250mm2 (500MCM) thanks to their long handles and to optimal blade geometry ▪ Maximum cable diameter 47mm^2 (1 7/8") ▪ **Material:** Hardened steel blades. Steel handles with plastic grips ▪ **Length**: 600mm **Weight**: 1550g
500.016	**500.016 - KCC-500 Heavy Duty cable cutters** [500mm^2 / 1000 MCM]
	▪ Our largest non-ratcheting heavy-duty shears ▪ Cuts copper and aluminum cables up to 1000MCM ▪ Maximum cable diameter 27mm (1 1/4") ▪ **Material:** Hardened steel blades Steel handles with plastic grips ▪ **Length**: 800mm **Weight**: 2950g
500.004	**500.004 - SCC-200 Heavy-duty cutters for STEEL Rod**
	▪ Cuts to a maximum: ○ Steel rod 9mm (~3/8") diameter ○ Steel wire rope 12mm (~1/2") diameter ○ Copper cable 150^2 mm, 13.8mm, AWG 300 MCM ▪ **Material:** Hardened steel blades Steel handles with plastic grips ▪ **Length**: 600mm **Weight**: 1800g

NOTE maximum wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc.
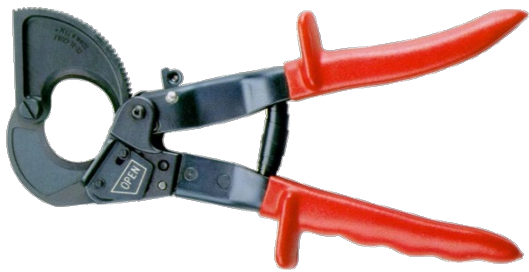*Information subject to change without notice*
Note – pictures are not to scale

ITC ELECTRICAL COMPONENTS

Heavy-Duty (Ratchet) Cable Cutting Tools

Three precision cutters for large section of insulated, shielded or reinforced cable [**copper and aluminum only**].

Heavy Duty (Ratchet) Cable Cutting Tools (Order by Part No.)

500.017 - RCC-325 Ratchet Cable Cutter [325mm^2 / 600 MCM]

500.017

- Easily cuts **copper and aluminum** cables with semi-rigid insulation, as well as cables with tape reinforcement or shield
- Ratchet operation allows for shorter handles, facilitating operation within limited space
- **Maximum cable section** : 325mm^2 (600MCM)
- **Maximum cable section**: 200mm^2 (400MCM) hard drawn copper
- **Maximum cable diameter**: 32 mm (~1 1/4")
- **Material:**   Special drop forged tempered steel blades
                Rubberized coated handles
- **Length:** 250mm   **Weight:** 650g

500.018 - RCC-500 Ratchet Cable [500mm^2 / 1000 MCM]

500.018

- Ratchet-operated tool easily cuts **copper and aluminum** cables with semi-rigid insulation, even cables with tape reinforcement or shield
- Ratchet operation allows for shorter handles, facilitating operation within limited space
- **Maximum cable section:** 500mm^2 (1000MCM)
- **Maximum cable diameter:** 38mm (~1 1/2")
- **Material:**   Special drop forged tempered steel blades
                Rubberized coated handles
- **Length:** 285mm   **Weight:** 650g

500.013 - D-100 Extra-Heavy-Duty Ratchet Cable Cutter [960mm^2 / 1900 MCM]

500.013   RENNSTEIG

- Ratchet-operated tool with long handles, combining the effort-multiplying ratchet function with extra leverage
- Cuts **copper and aluminum cables** with semi-rigid insulation, even with tape reinforcement or shield (not for steel)
- Suited for operation in trenches or ditches
- **Maximum cable section** : 960mm^2 (1900MCM)
- **Maximum cable diameter:** 100mm (4")
- **Material:**   Tempered steel blades
                Rubber grip telescopic
                handles (length 400-600mm)
- **Length:** 686 - 890mm   **Weight:** 5000g

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Wire and Cable Stripping Tools

Precision Micro Wire Strippers

The JOKARI PWS-Plus series of precision micro stripping tools include 3 small hand tools designed for stripping the insulation of thin solid and stranded wires (0.12-1.0mmΦ; 36-18AWG), particularly in applications such as: electronics, instrumentation, telecommunications, computer networking, model construction, security, data control and low voltage applications.

Use whenever stripping thin wires, so the core and the individual wire strands don't get damaged.
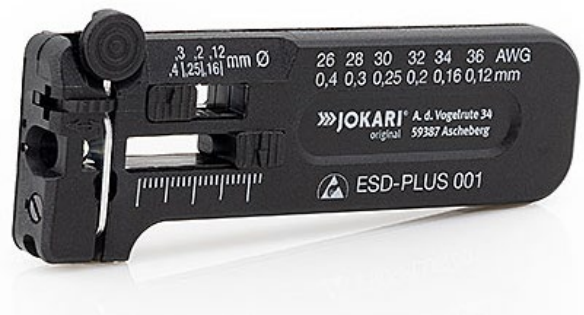
Features and specifications:

- Each tool easily identified by the colour of the operating button (white, red, blue)
- Each tool has six adjustable wire section settings
- The three tools cover a wire diameter of 0.12-1.00mm; ~36-18AWG
- Adjustable length of stripping to 15mm (~5/8") maximum
- Wire cutter included for wires up to 0.8mmΦ (~20AWG)
- Suitable for wires with insulation made of PVC, Teflon, Mylar and others outer sheaths

Precision Strippers (Order by Part No.)

Part No.	Model	Wire size	Wire size	Working range	
500.2-40024	PWS-Plus 001	0.12-0.4mmΦ	36-26	0.12-0.16-0.20-0.25-0.30-0.40mm ∅.	
500.2-40025	PWS-Plus 002	0.25-0.8mmΦ	30-20	0.25-0.30-0.40-0.50-0.60-0.80mm ∅.	
500.2-40026	PWS-Plus 003	0.3-1mmΦ	28-18	0.30-0.40-0.50-0.60-0.80-1.00mm ∅.	

Information subject to change without notice

ESD (black conducting plastic) versions available for work in electrostatic protected areas and equipment.

Cable Knife System 4-70

For all common round cables with diameters from 4 to 70mm.

Features and specifications:

- Protection mechanism prevents cut injuries
- Changing brackets allows all common cable types, from 4 to 70mm diameter
- Cutting depth of cable blade 3.5mm
- Cutting can be monitored through the sight window in the metal bracket
- Ergonomic design ensure comfortable handling
- **SAFE:** The hooked blade is only exposed when pushed against the wire insulation. The blade guard automatically springs back over the blade to prevent any accidental injuries
- 4 cutting depths for hooked blade: $^7/_{64}$", $^9/_{64}$", $^{10}/_{64}$", and $^{12}/_{64}$"

Cable Knife System 4-70 (Order by Part No.)

Part No.	Model	Description	Jacket O.D	
500.2-71000	71000	Cable knife system 4-70 Kit	4-70mm $^5/_{32}$-2$^3/_4$"	see image above
500.2-70000	70000	Cable knife with 2 brackets	8-28mm 27-35mm	
500.2-79016	79016	Cable bracket No.16	4-16mm $^5/_{32}$-$^5/_8$"	
500.2-79028	79028	Cable bracket No. 28	8-28mm $^5/_{16}$ -1 $^7/_{64}$"	
500.2-79035	79035	Cable bracket No. 35	27-35mm 1$^1/_{16}$-1$^3/_8$"	
500.2-79050	79050	Cable bracket No. 50	35-50mm 1$^3/_8$-1$^{31}/_{32}$	
500.2-79070	79070	Cable bracket No. 70	50-70mm 1$^{31}/_{32}$-2$^3/_4$"	
500.2-79055	79055	Spare hooked blade	—	

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Note: wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc...

Cable Dismantling Tools and Knives

ITC stocks the family of popular JOKARI dismantling tools – a traditional tool for the professional electrician; simple, safe & economical.

Features and specifications:

- Removes the jacket of round cables with insulation in PVC, neoprene, and other common insulation materials
- Easily adjusted cutting depth
- Once adjusted depth of cut is constant
- Replacement blades available
- **Material, Body:** impact and wear resistant polyamide (PA66)
  Blade: tempered steel with titanium-nitride (TiN) coating

Models 28H and 28G come with an additional multi-purpose blade, covered by a protective cap. Operation of the tool is identical to that of the JOKARI tools described below. Blade of model 28H is hooked for dismantling purposes.

Cable Dismantling Tools (Order by Part No.)

Part No.	Description	Cable size	Weight (g)	
500.2-70000	JOKARI Dismantling tool 4-70 [**see page 4**]	4-70mm $\varnothing$ ($^4/_{25}$ -2¾")	123G	
500.2-10162	JOKARI Dismantling tool N. 16 – for cables	4-16mm $\varnothing$ (~$^5/_{32}$-5/8")	68.5g	
500.2-10272	JOKARI Dismantling tool N. 27 – for cables	8-28mm $\varnothing$ (~$^5/_{16}$-1$^1/_8$")	75g	
500.2-10271	JOKARI Dismantling tool N. 27 ISO – for cables	8-28mm $\varnothing$ (~$^5/_{16}$-1$^1/_8$")	58g	
500.2-10350	JOKARI Dismantling tool N. 35 – for cables	27-35mm $\varnothing$ (~1$^1/_{16}$-1 ½")	106.5g	
500.2-10355	JOKARI Dismantling tool N. 35 – for cables with **paper insulation (3 – 5mm)**	35-300mm^2	130g	
500.2-10500	JOKARI Dismantling tool N. 50 – for cables	35-50mm $\varnothing$ (~1$^3/_8$-2")	117.5g	
500.2-10700	JOKARI Dismantling tool N. 70 – for cables	50-70mm $\varnothing$ (~1$^{31}/_{32}$-2 ¾")	129g	
500.2-10280	JOKARI Dismantling tool N. 28H – for cables, hooked blade	8-28mm $\varnothing$ (~$^3/_8$-1$^1/_8$")	78.5g	
500.2-10285	JOKARI Dismantling tool N.28G – for cables, multi-purpose blade	8-28mm $\varnothing$ (~$^3/_8$-1$^1/_8$")	78.5g	
500.2-19000	Replacement blade for all JOKARI dismantling tools	--	1g	

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Note: wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc...

Cable Stripping Tools

JOKARI's Cable stripping tools are easy to operate hand tools, designed for quick and precise stripping of all the most common types of insulated cables.

Different models in this family of tools are designed for stripping round cables, flat cables, data cables and cables used in computer and telecom, ASI interface cables, fiber optic cable, network cable, solar and energy, etc….

Features and specifications:
- Small and light – easily fit in a pocket
- Locking mechanism to prevent the unwanted opening of the tool
- No cutting depth adjustments required
- Some models have a multi-function slide out blade
- **Material, Body:** impact and wear resistant polyamide (PA66)
  Blade: tempered steel with titanium-nitride (TiN) coating

Cable Stripping Tools (Order by Part No.)

Part No.	Description	Cable type	Jacket O.D.* Core wire O.D.*	
500.2-30120	JOKARI #12 Universal Stripper	round cables	8-13mm	
			—	
500.2-30125	JOKARI XL Universal Stripper NEW!	round cables	8-13mm	
			—	
500.2-30155	JOKARI Secura#15 Super Stripper with multi-function slide out blade	round cables	8-13mm^2	
			0.2, 0.3, 0.8, 1.5, 2.5, 4.0mm^2	
500.2-30400	JOKARI Uni-Plus	round cables	8-15mm	
			—	
500.2-30140	JOKARI® #14 Flat Cable Stripper	round/flat cables	round 4-13 mm^2 flat 12mm max. width	
			0.8, 1.5, 2.5 mm^2	
500.2-30900	JOKARI "Allrounder" Stripper	round/flat cables	round 4-15mm flat max 15mm	
			1.5, 2.5	
500.2-30700	JOKARI DAC Fibre Optic Stripper	fiber optic cables	max.5.9mm	
			—	
500.2-30800	JOKARI LC Fibre Optic Stripper – to cut the outer sheath of distribution cables	fiber optic cables	min. 8.2mm	
			—	

Information subject to change without notice
* NOTE cable/wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc...

Cable Stripping Tools (Order by Part No.) continued

Part No.	Description	Cable type	Jacket O.D.* Core wire O.D.*	Picture
500.2-30160	JOKARI PC-Strip	Data and Ölflex cables	5-13mm 0.2, 0.3, 0.8, 1.5, 2.5, 4.0mm^2	
500.2-30500	JOKARI #1 Cat Stripper	PVC cables	4.5-10mm —	
500.2-30110	JOKARI Top Coax Plus	Coax cables	4.8-7.5mm —	
500.2-30600	JOKARI Secura Coaxi No.1 Coax Cable Stripper		4.8-7.5mm —	
500.2-30300	JOKARI AS-Interface Strip	ASI cable	— —	
500.2-30190	JOKARI SE-Strip	Double insulated and specially insulated power / solar, security cables	2.5-6.0mm^2 14-10AWG —	
500.2-30180	JOKARI SE-Strip		1.5mm^2 16AWG —	
500.2-30200	JOKARI SE-Strip		10.0-16.0mm^2 8-6AWG	
500.2-30195	JOKARI PV-Strip NEW!	Security, power / solar MC4 cables	2.5-6.0mm^2 14-10AWG —	

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* NOTE cable/wire size is given as a general reference only, and can vary depending on the type and thickness of insulation, stranding, etc...

How to use JOKARI cable stripping tools:

1. Open the locking catch
2. Position the stripper around the cable, close cable stripper, squeeze with appropriate pressure and turn the tool ¼ turn to the right and back to the left
3. Slide the tool slightly down the sheath to be removed, bend wire back and forth squeeze slightly and pull sheath off
4. Choose the correct size of stripping notch, insert wire, squeeze tool and pull wire out (available on some tools)
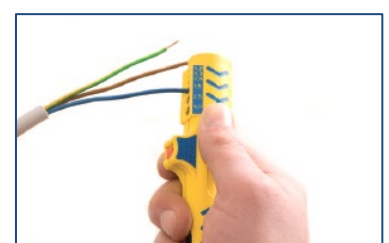

| Step 1 | Step 2 | Step 3 | Step 4 |

JOKARI Professional Wire Stripping Tools

ITC offers a wide selection of JOKARI's professional and easy to use wire stripping tools for **24-6AWG** wire with various types of insulation.

Professional Stripping Tools (Order by Part No.)

'6-16^2' Automatic Wire Stripper [6-16mm^2, 10-6AWG] - Lightweight wire stripper - Automatically adjusting to the wire gauge and strips with no risk of damage to the conductors - Suitable for wires insulated in PVC or nylon - **Wire type:** solid/stranded wire, PVC or nylon insulation - **Wire size:** 6-16mm^2 (10-6AWG) **Replacement stripping set:** Part No.500.2-29090	**500.2-20090**
Flat Cable Stripper [1.0-2.5mm^2, 18-14AWG] - Blades specially designed for flat 2-wire or 2-wire plus ground, PVC insulated - Removes both outer sheath and inner PVC insulation without damaging the individual strands - Range of operation: Two/Three-wire flat cables: 2x18-14AWG, (Solid or stranded copper conductors - **Wire type:** solid/stranded wire, Two/three wire flat cables - **Wire size:** 0.75-2.5mm^2 (18-14AWG) **Replacement stripping set:** Part No.500.2-29030	**500.2-20030**
'SECURA 2K' Automatic Wire Stripper [0.2-2.5mm^2, 24-14AWG] - Soft Grip wire stripper is economical yet versatile and easy to use - Ideal tool for electronics, telecommunications, instrumentation and control, etc… - Automatically adjusts the tool to the conductor diameter. - Cuts wires up to maximum 2.5 mm^2 (14AWG) - Adjustable length of stripping approximately 6 to 18 mm (~ ¼" to ¾ ") - **Wire type:** PVC, Nylon®, Teflon®, Mylar®, and other types insulation - **Wire size:** 0.2-2.5mm^2 (24-10AWG) **Replacement stripping set:** Part No. 500.2-29100	**500.2-20100**
'Super 4 Plus' Automatic Wire Stripper [0.2-6.0mm^2, 24-10AWG] - Allows easy access to wires and cables even in limited spaces - No adjustments are needed for the wire section - Special blade shape makes it virtually impossible to damage the conductor strands - Adjustable strip length (stopper) from 6 to 15mm - **Wire type:** stranded copper/aluminum wires up to 6mm^2 (10AWG) - **Wire size:** 0.2-6.0mm^2 (24-10AWG) **Replacement stripping set:** Part No. 500.2-29050	**500.2-20050**

Information subject to change without notice

JOKARI Professional Wire Stripping Tools – Special cables

ITC also offers JOKARI's professional and easy to use stripping tools for **specialty** cables and wires.

Professional Stripping Tools (Order by Part No.)

'Sensor Special' Wire Stripper [4.4-7.0mm Ø] ▪ Lightweight wire stripper ▪ Adjusts automatically to the wire size and strips with no damage to the conductors ▪ Suitable for sensor / actuator wires ▪ **Wire type**: solid/stranded wire, PVC or nylon insulation ▪ **Wire size**: 4.4-7mm diameter	**500.2-20300**
'Sensor Mini' Wire Stripper [3.2-4.4mm Ø] ▪ Lightweight wire stripper ▪ Adjusts automatically to the wire size and strips with no damage to the conductors ▪ Suitable for sensor / actuator wires ▪ **Wire type**: solid/stranded wire, PVC or nylon insulation ▪ **Wire size**: 3.2-4.4mm diameter	**500.2-20310**

'AS-Interface Pro' ASI Cable Stripper   NEW!
 	
▪ Lightweight wire stripper
▪ Adjusts automatically to the ASI cable and strips with no damage to the conductors
▪ Suitable for ASI cables with PUR, TPE or FR-PVC insulation
▪ **Wire type** (tested):
    ○ ASI BUS 2 x 1.5mm^2 TPE, FR-PVC
    ○ ASI BUS 2 x 2.5mm^2 FR-PUR
	500.2-20075 *

Information subject to change without notice
*New version shown

ITC ELECTRICAL COMPONENTS

Multi-purpose Stripping Tools

These are the classic electrician's wire strippers for most insulating materials, also conveniently equipped with a wire cutter and a plier. Sturdy and precise, each model features several clearly marked stripping slots for insulated wires.

Features and specifications:

- Small and light – easily fit in a pocket
- 3 wire tools in 1 – cutters, strippers, pliers
- **Material:** Steel, plastic coated handles

Multipurpose Wire Stripping Tools (Order by Part No.)

Part No.	Model	Description	Wire size AWG	Wire size mm^2	Weight (g)
500.121	WSC-2030	Plier style wire Stripper	30-20	0.05 – 0.50	115
500.122	WSC-1626	Plier style Wire Stripper	26-16AWG	0.14 – 1.5	115
500.123	WSC-1020	Plier style Wire Stripper	20-10AWG	0.50 – 6.0	115

Information subject to change without notice

Heavy-duty Dismantling Knife

A practical hand tool for the electrical professional, the new dismantling knife cuts the insulating jacket of power, multi-conductor and telecom cables lengthwise, precisely and easily. It is light, safe and simple to use. The 'Shoe' at the tip of the blade guides the knife without damaging the wire or the insulation.

- Transparent protective cap supplied
- Surgical stainless steel, sickle-shaped blade needs no sharpening
- Insulated to 1000Vac/1500Vdc and tested per VDE standard

How to order Dismantling Knife (Order by Part No):

Part No.	Description/model	Weight (g)
500.131	Heavy-duty insulated dismantling knife	54g

Information subject to change without notice

Crimping Tools for Ferrules

ITC provides a variety of ferrule crimping tools, from simple plier-type crimpers to heavy-duty and automatic stripping/crimping machines.

QUADRO Plus Multi-function Ferrule Tool

JOKARI's QUADRO Plus is a manual ratchet tool designed to significantly increase productivity in the termination of control wiring with insulated ferrules. QUADRO Plus performs 4 functions on stranded wires 0.5 to 2.5mm^2 (22-14AWG):

- Cuts the wire
- Strips the insulation
- Twists the strands
- Crimps the ferrule

This tool cuts wires up to 14AWG (with most common types of insulation). It then strips them precisely and safely, and prepares the stripped end by twisting the bare strands: this enables easy insertion in the ferrule.

For the final operation, no adjustment is necessary: ferrules are supplied in strips within quick-change magazines; one last squeeze on the handles performs a quality crimp, and the tool is ready for another cycle.

QUADRO Plus Ferrule Tool (Order by Part No.)

Part No.	Description	Wire size*	Wire Size mm2	Weight (g)
500.090	QUADRO Plus multifunction tool, with case and 3 magazines	22-14AWG	0.50 – 2.50	285
500.092	Spare magazine	—	-	10
170.508	Insulated ferrule 0.50mm^2, 5 strips of 50 pieces; white	22AWG	0.50	5 / strip
177.508	Insulated ferrule 0.75mm^2 5 strips of 50 pieces; grey	20AWG	0.75	5 / strip
171.008	Insulated ferrule 1.00mm^2 5 strips of 50 pieces; red	18AWG	1.00	5 / strip
171.508	Insulated ferrule 1.50mm^2 5 strips of 50 pieces; black	16AWG	1.50	5 / strip
172.508	Insulated ferrule 2.50mm^2 5 strips of 40 pieces; blue	14AWG	2.50	5 / strip

Information subject to change without notice

Professional, Ratcheting Ferrule Crimping Tools – PEW 8.8 Series

PEW 8.85 and 8.86 ratchet-action ferrule crimping tools feature square or hexagonal crimping shape, obtained by means of synchronous driven crimp jaws. As a result, the same pressure is applied along the whole length of the ferrule and the shape is ideal for installation in wire clamps (square crimp) or in screw-pressure wire terminals (hexagonal crimp). Side loading on both models, single-die operation (the tool self-adjusts to the proper section, without variation in crimping pressure).

PEW 8.88 (part No. 500.049) is a ratchet-action ferrule crimping tool with front access and square crimp shape. A 2-position lever extends the maximum crimping range (from 28AWG) to a maximum of either 7AWG or 5AWG: the widest crimp range of all our tools!

Features and specifications:

- **Crimp shapes:** square or hexagonal crimping shape (see pictures below)
- **Length:** 180 to 190mm
- **Weight:** 380to 475g
- **Material:** tempered steel, burnished
  ergonomic grips in polyurethane compound

500.035
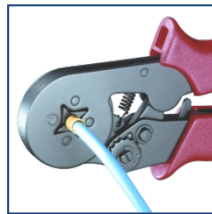
500.039

500.049
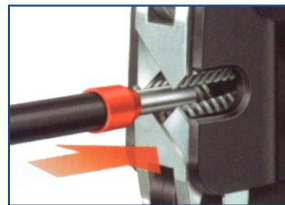
Professional Ratcheting Ferrule Crimping Tools – PEW Series (Order by Part No.)

Part No.	Model	Description	Wire Size AWG*	Wire Size mm²	Crimp Shape
500.035	PEW 8.85	Professional square die crimp tool	28–8 AWG	0.08-10mm²	
500.039	PEW 8.86	Professional hex die crimp tool	28-10 AWG	0.08-6mm²	
500.049	PEW 8.88	Professional front-load square die crimp tool	28-5 AWG	0.08-16mm²	

The cross section shapes of the crimps are for indication purposes only
Information subject to change without notice
** refers to single ferrules*

Square-die Ratcheting Crimping Tools for Ferrules 24-6AWG

These square-die tools capable of crimping large and regular size ferrules are a great choice for fast and easy ferrule crimping.
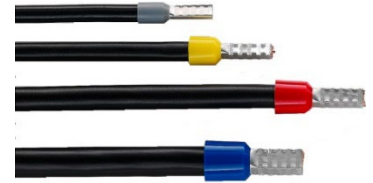
Features and specifications:

- 4 symmetrically centered dies automatically adjust to the correct size of the ferrule being crimped
- Guarantees a compact square crimp shape which is ideal for installation in devices equipped with wire clamps (terminal blocks, terminal strips, contactors, etc.)
- Single-die operation means that there is no possibility of choosing the wrong slot for crimping a ferrule
- Ratcheting mechanism releases pressure only when the cycle is completed
- Self-adjusts to the proper section, without variation in crimping pressure
- **Crimp shape:** square; see illustration
- **Material:** tempered steel, burnished. Insulating grips in polypropylene compound
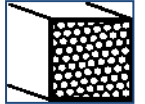
How to Order (Order by Part No.):

Part No.	Model	Description	Wire size AWG	Wire Size mm^2
500.781	LSC8-6-4	"Series 700" Square die ratcheting crimp tool for ferrules	24-10	0.25 to 6
500.782	FE-L 16-4	"Series 700" Square die ratcheting crimp tool for large size ferrules	12 to 6	4 to 16

Information subject to change without notice

Precision Plier Ferrule Crimping Tool

Model PE7 (part No. 500.047) Precision Ferrule Plier-type Crimper is a precision non-ratchet tool for limited production, for quality crimping single ferrules – uninsulated and insulated – from 0.25 to 2.5 mm^2 (24 to 14AWG) or twin ferrules 0.14 to 1.5mm^2 (26 to 16AWG) with different crimp indents. Crimp shape is trapezoidal (see picture), ideal for inserting in terminal blocks, contactors, circuit breakers.

Material: special tool steel, hardened and polished
plastic-coated handles

Plier-type Ferrule Crimping Tool (Order by Part No.)

Part No.	Model	Description	Wire Size AWG*	Wire Size mm^2	Length (mm)	Weight (g)	Crimp Shape
500.047	PE7	Precision plier crimping tool	24 – 14 AWG	0.25 – 2.5 mm^2	150	140	

The cross section shapes of the crimps are for indication purposes only
Information subject to change without notice
** refers to single ferrules*

Vice-mounted Ferrule Crimping Tools

ITC's unique CS series heavy duty vice-mounted Ferrule crimping tool is an ingenious device (part No. 500.051), which uses the pressure available in a standard bench-mounted vice to crimp large ferrules without using expensive hydraulic tools

Features and specifications:

- Spring loaded for easy retraction
- **Crimps***: ferrules 70 to 150 mm^2 (2/0 - 250MCM) and ferrules 150 to 240mm^2 (300 - 500 MCM)
- **Crimp shape**: trapezoidal
- **Length**: 125x100mm
- **Material**: hardened steel, polished

Vice-Mounted, Heavy-duty Industrial-grade Ferrule Crimping Tools (Order by Part No.)

| Part No.	Model	Wire Size AWG*	Wire Size mm^2	Weight (g)	Crimp Shape
500.051	CS 70150	2/0 AWG – 250 MCM	70-150mm^2	2300	
500.054	CS 150240	300 – 500 MCM	150-240mm^2	2200	

The cross section shapes of the crimps are for indication purposes only
Information subject to change without notice
* refers to single ferrules

AC Series Pneumatic Ferrule Crimping Tools

Hand-held Pneumatic Crimping Tools for Ferrules

Two models of hand-held pneumatic crimping tools are offered by ITC:

- Model AC25, for ferrules 0.25 to 2.5 mm^2 (24-14 AWG), single die, ferrule insertion from either front or side of the head
- Model AC100, for ferrules 4.0 to 10 mm^2 (12-8 AWG), ferrule insertion from side of tool only

Features and specifications:
.
- require compressed air at 4 to 6 bar (90 to 120 psi)
- controlled by a pressure lever on the body of the tool itself
- equipped with a finger guard for safety
- come equipped with a pneumatic hose and a connector
- **Tool length:** 200 mm (~8")

Pneumatic Ferrule Crimping Tools (Order by Part No.)

Part No.	Model	Description/model	Wire Size AWG*	Wire Size mm^2	Weight (g)	Crimp Shape
500.952	AC25	Pneumatic hand-held crimper for ferrules	24-14 AWG	0.25-2.5mm^2	430	
500.962	AC100	Pneumatic hand-held crimper for ferrules	12-8 AWG	4-10mm^2	460	

The cross section shapes of the crimps are for indication purposes only
Information subject to change without notice
* refers to single ferrules

Bench-mount Pneumatic Crimping Tools for Ferrules

Two models of bench-mount pneumatic crimping tools are offered by ITC:

- Model AC25T, for ferrules 0.25 to 2.5 mm^2 (24-14 AWG), single die, ferrule insertion from either front or side of the head
- Model AC100T, for ferrules 4.0 to 10 mm^2 (12-8 AWG), ferrule insertion from side of tool only

Features and specifications:
- require compressed air at 4 to 6 bar (90 to 120 psi)
- controlled by a foot switch (supplied)
- equipped with a finger guard for safety
- handy ferrule tray on the body of the tool
- equipped with pneumatic hose, foot switch, and bench mount clamp

Bench-mount Pneumatic Crimping Tools for Ferrules (Order by Part No.)

Part No.	Model	Description/model	Wire Size AWG*	Wire Size mm^2	Weight (g)	Crimp Shape
500.951	AC25T	Pneumatic bench mount crimper for ferrules	24-14 AWG	0.25-2.5mm^2	1000	
500.961	AC100T	Pneumatic bench mount crimper for ferrules	12-8 AWG	4-10mm^2	1000	

The cross section shapes of the crimps are for indication purposes only.
Information subject to change without notice.
* refers to single ferrules

Manual Crimping Tool for Large Ferrules 4AWG-500MCM

ITC introduces a new manual (non-hydraulic) crimping tool with interchangeable crimping dies specially designed for large uninsulated and insulated ferrules, from 25mm^2 (4AWG) to 240mm^2 (500MCM).

Features and specifications:

- **Ferrules Crimped**: from 25mm^2 (4AWG) to 240mm^2 (500MCM) with eight interchangeable dies (sold separately)
- **Crimp shape:** Trapezoid
- **Material:** steel, rubberized handles
- **Crimp length:** 30mm (1.18")
- **Tool weight:** 3.82Kg (8.4 lb)
- **Tool length:** 660mm (26")
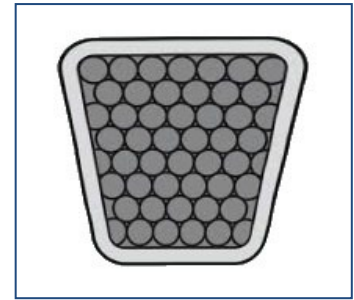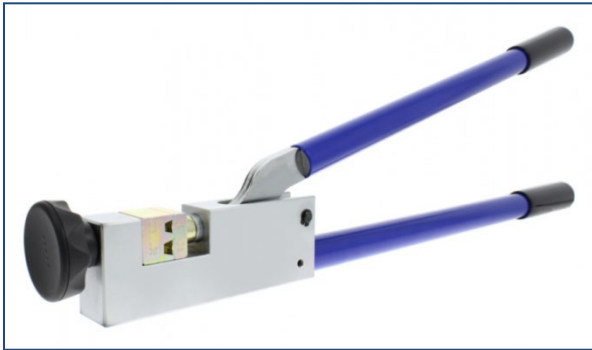
500.046

Manual Crimping Tool for Large Ferrules (Order by Part No.)

Part No.	Description	mm^2	AWG
500. 046	Extra heavy-duty manual crimp tool for ferrules 25-240mm^2 (4AWG-500MCM) without dies	—	—
500. 046-2535	Dies set for ferrule crimp tool 500.046	25-35mm^2	4-2AWG
500. 046-50	Dies set for ferrule crimp tool 500.046	50mm^2	1AWG
500. 046-70	Dies set for ferrule crimp tool 500.046	70mm^2	2/0AWG
500. 046-95	Dies set for ferrule crimp tool 500.046	95mm^2	3/0AWG
500. 046-120	Dies set for ferrule crimp tool 500.046	120mm^2	4/0AWG
500. 046-150	Dies set for ferrule crimp tool 500.046	150mm^2	300MCM
500. 046-185	Dies set for ferrule crimp tool 500.046	185mm^2	350MCM
500. 046-240	Dies set for ferrule crimp tool 500.046	240mm^2	500MCM

Replacement parts available from ITC
Information subject to change without notice
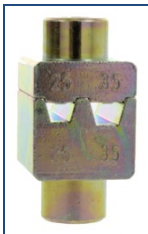
| 500.046-2535 | 500.046-50 | 500.046-70 | 500.046-95 | 500.046-120 | 500.046-150 | 500.046-185 | 500.046-240 |
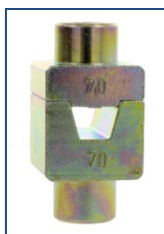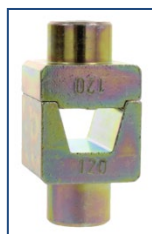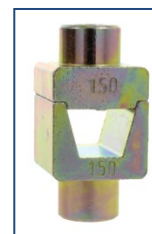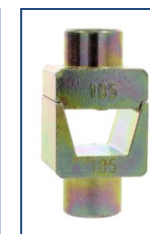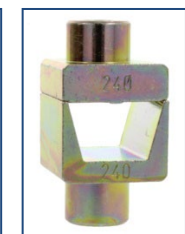
Warranty information
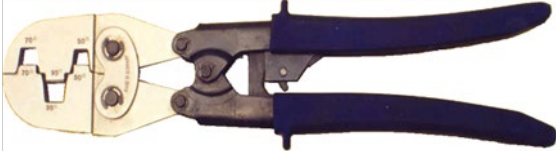All ITC crimpers are covered for 12-months from manufacturing defects.
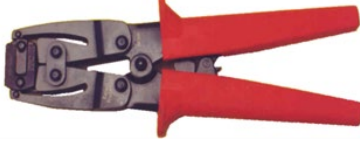
AE Series Precision & CK Series Heavy-duty Ferrule Crimping Tools

WEZAG's AE series of professional ratchet-action ferrule crimping tools feature parallel-action crimping, meaning that the same pressure is applied along the whole length of the ferrule. Front loading makes access to reduced space easier. Single-die operation means that there is no possibility of choosing the wrong slot for crimping a ferrule – the tool self-adjusts to the proper section, without variation in crimping pressure.
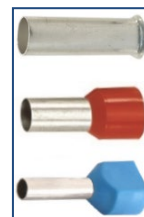
The CK series includes two heavy-duty, professional ratcheting crimping tools for uninsulated and insulated ferrules in the range from 10 to 95 mm^2 (8 to 3/0 AWG).

Professional Ratcheting Ferrule Crimping Tools – AE/CK Series (Order by Part No.)

Part No.	Model	Description	Wire Size AWG*	Wire Size mm^2	Length (mm)	Weight (g)	Crimp Shape
		WEZAG WERKZEUGE • TOOLS ▪ Square crimp shape ▪ Compact design – perfect for hard-to-reach areas ▪ Tempered steel, burnished ▪ Non-slip ergonomic grips					
500.023	AE23	Professional square die crimping tool	14-6 AWG	2.5-16mm^2	195	371	
		WEZAG WERKZEUGE • TOOLS ▪ Automatic crimp size adjustment ▪ Compact design – perfect for hard-to-reach areas ▪ Tempered steel, burnished ▪ Non-slip ergonomic grips					
500.030	AE2	Professional front-load crimping tool	26-10 AWG	0.14-6mm^2	210	485	
		WEZAG WERKZEUGE • TOOLS ▪ Compact design – perfect for hard-to-reach areas ▪ Tempered steel, burnished ▪ Non-slip ergonomic grips					
500.031	AE3	Professional front-load crimping tool	14-8 AWG	2.5-10mm^2	210	485	
		WEZAG WERKZEUGE • TOOLS ▪ Tempered steel, burnished ▪ Non-slip ergonomic grips					
500.032	AE4	Professional front-load crimping tool	8-6 AWG	10-16mm^2	230	590	
		▪ Hardened/tempered steel ▪ Blue plastic-coated handles					
500.033	CK 28	Heavy-duty precision ferrule tool	8-1 AWG	10-50mm^2	340	760	
		▪ Hardened/tempered steel ▪ Blue plastic-coated handles					
500.034	CL 29	Heavy-duty precision ferrule tool	1-3/0 AWG	50-95mm^2	345	856	

Information subject to change without notice
* refers to single ferrules; The cross section shapes of the crimps are for indication purposes only

Crimping Tools for Terminals

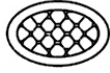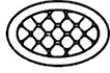## PEW 9 Premium Ratcheting Crimping Tools for Terminals

Covering the most common range of terminals, these ergonomic tools offer extreme precision and durability. Light and compact, yet powerful, the PEW 9 series of crimping tools are designed to operate within confined spaces.

Features and specifications

- Ratcheting tool
- Forced locking system (releasable)
- **Material:** hardened steel, ergonomic 2-component handles
- **Length:** 215mm
- **Weight:** 490g

PEW 9 Premium Crimping Tools for Terminals (Order by Part No.)

Part No.	Model	Terminal Type		Wire Size AWG	Wire Size mm^2	Crimp Shape
500.064 501.500-619 060	PEW 9.60		Insulated terminals, plug connectors and PIDG	22-10 AWG	0.5-10mm^2	
501.500-619 060-3	PEW 9.60-3		Heat-shrink Splices	22-10 AWG	0.5-10mm^2	
501.500-619 032	PEW 9.32		Non-Insulated Terminals	20- 7	0.5-10mm^2	
501.500-619 050	PEW 9.50		Non-insulated plug connectors	20-10	0.5-6mm^2	
501.500-619 031	PEW 9.31		Non-insulated splice connectors	15-7	1.5-10mm^2	

The cross section shapes of the crimps are for indication purposes only
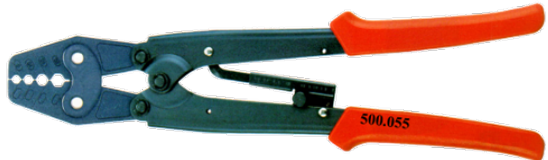*Information subject to change without notice*

Light and compact!

ITC ELECTRICAL COMPONENTS

Manual Crimping Tools for Uninsulated Power Terminals

ITC offers a wide variety of terminal crimping tools.

Uninsulated Power Terminal Manual Crimping Tool (Order by Part No.)

Part No.	Model	Description	Wire Size AWG	Wire Size mm^2	Length (mm)	Weight (g)	Crimp Shape
		• Manual racheting action • Long handles for effortless operation					
500.065	HD-25L	Industry grade crimper	10-4 AWG	6-25mm^2	354	780	
		• Manual racheting action • Long handles for effortless operation • Hexagonal crimp					
500.055	HD25X	Industry grade hex imprint crimper	10-4 AWG	6-25mm^2	354	780	
		• Non-ratcheting • Very practical and economical, as the female die can be selected by simple rotation among the values: 10mm^2 (8AWG) – 16mm^2 (6AWG) – 25mm^2 (4AWG) – 35mm^2 (2AWG) • Long handles minimize operator effort					
500.038	CT 38	Rotating die crimp tool for uninsulated power terminals	8-2 AWG	10-35mm^2	580	2,720	
		• Non-racheting, single-die tool • No separate or rotating dies: adjustment is made by turning a knurled screw on the tool's head • Appropriate for most types of solderless power terminals. No risk of losing any dies • Long handles make operation extremely easy even for the largest wire size • Die made of tempered steel. Handles of high tensile strength aluminum tubing with plastic grip					
500.620	HD120	Single die heavy-duty crimp tool for uninsulated power terminals	6-4/0 AWG	16-120mm^2	645	3,700	

Crimping range for 500.620 (HD-120: AWG values are approximate - tool is rated in mm^2 and not in AWG)*

mm^2	1 6	25	35	50	70	95	120
AWG	6	4	2	1	00	000	0000

The cross section shapes of the crimps are for indication purposes only
* Screw adjustment allow setting to intermediate values
Information subject to change without notice

Manual Crimping Tool for Power Lugs 8AWG-250MCM

The new manual crimping tool for solderless terminals 8AWG to 250MCM by ITC is a solution for electrical contractors, panel and machine builders, etc., looking for a tool which is versatile, economical, lightweight and portable.

Features and specifications:

- **Lightweight:** only 2.5 kg; 5.5 lbs for the tool with one die set
- **Dimensions:** 41x12cm; 16x4.75"
- Easy and fast replacement of the die sets – no special tool needed, only an Allen key to optionally lock in the lower die
- **Telescopic handles** extend from in a matter of seconds
- No special maintenance required
- Crimper and die sets are supplied in a sturdy plastic carrying case
- **Nine die sets included:**

  Please note that equivalences between mm2 and AWG/MCM are approximate

  - $10mm^2$ ~ 8AWG
  - 16mm2 ~ 6AWG
  - 25mm2 ~ 4AWG
  - 35mm2 ~ 2AWG
  - 50mm2 ~ 1AWG
  - 70mm2 ~ 2/0AWG
  - 95mm2 ~ 3/0AWG
  - 120mm2 ~ 4/0MCM
  - 150mm2 ~ 250MCM

Manual Crimping Tool (Order by Part No.)

Part No.	Model	Description
500.630	JT-150	Manual crimp tool for power lugs, in plastic case with 9 die sets from 10mm2 to 150mm2

Information subject to change without notice

Hydraulic Crimping Tools

ITC's hydraulic crimping tools are ideally suited for crimping copper and aluminium lugs, butt splices and terminals.

Both manual crimping tools are offered to complete the AWG range from 10mm^2 to 400mm^2 (~8AWG to ~750MCM). All hydraulic tools come in a rugged plastic carrying case, with compartments for a complete set of crimping dies.
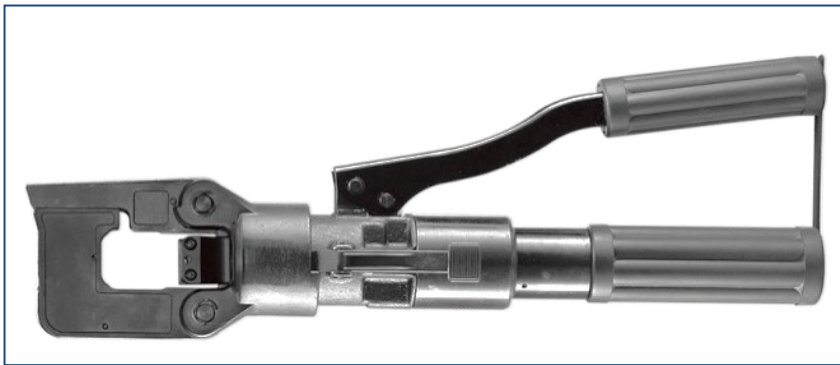
The lightweight manual hydraulic crimping tools are ideal for working in confined spaces due to their limited dimensions. Changing dies is extremely easy and does not require any tools.

There is a safety valve, to by-pass the oil supply whenever maximum pressure is reached, thus avoiding any damage to the tool or to the die set. The pressure relief valve can also be manually operated at any stage of the compression process.

The available high-quality crimping dies conform to DIN46235, and feature a crimp die mark on each die.

5 Ton Hydraulic Crimping Tool 240R

5 Ton Hydraulic Crimping Tool (Order by Part No.)

Part No.	Model	Description/model	Minimum terminal size	Maximum terminal size	Force	Weight (kg) (*)
502.551K	240R	5 ton manual hydraulic crimping tool	8AWG 10mm^2	500MCM 240mm^2	5.3 TONS 52kN	2.4

Information subject to change without notice
* Excluding dies and case

Crimping Dies for 502.551K (Order by Part No.)

Part No.	Model	Range (copper lugs)	Terminal Color (*)	Die mark
502.551K-1016	AHE-1016	8-6AWG; 10-16mm^2	RED / BLUE	10 / 16
502.551K-2535	AHE-2535	4-2AWG, 25-35mm^2	GREY / WHITE / GREEN	25 / 35
502.551K-5070	AHE-5070	1-2/0AWG; 50-70mm^2	GREEN / PINK / BLACK	50 / 70
502.551K-95120	AHE-95120	3/0AWG-250MCM; 95-120mm	ORANGE / PURPLE / YELLOW	95 / 120
502.551K-150	AHE-150	300MCM; 150mm^2	WHITE	150
502.551K-185	AHE-185	350/400MCM; 350mm^2	ORANGE / BLUE	185
502.551K-240	AHE-240	500MCM; 240mm^2	BROWN	240

Information subject to change without notice; Note – Correspondence to AWG is approximate
(*) refer to color-coded power lugs and butt splices

13 Ton Hydraulic Crimping Tool 4113

13 Ton Hydraulic Crimping tools (Order by Part No.)

Part No.	Model	Description/model	Minimum terminal size	Maximum terminal size	Force	Weight (kg) (*)
502.771K	HYCP-4413	12.7 ton manual hydraulic crimping tool	1/0AWG 16mm^2	750MCM 400mm^2	12.7 TONS 125kN	7.6

Information subject to change without notice
(*) Excluding dies and case

Crimping Dies for 502.771K (Order by Part No.)

Part No.	Model	Range (copper lugs)	Color (*)	Die mark
502.771K-16	CU-16	6AWG; 16mm^2	BLUE	16
502.771K-25	CU-25	4AWG, 25mm^2	GREY	25
502.771K-35	CU-35	2AWG; 35mm^2	WHITE	35
502.771K-50	CU-50	1AWG; 50mm	GREEN	50
502.771K-70	CU-70	2/0AWG; 70mm^2	BLACK	70
502.771K-95	CU-95	3/0AWG; 95mm^2	ORANGE	95
502.771K-120	CU-120	4/0AWG; 120mm^2	PURPLE	120
502.771K-150	CU-150	300MCM; 150mm^2	WHITE	150
502.771K-185	CU-185	350MCM; 185mm^2	ORANGE	185
502.771K-240	CU-240	500MCM; 240mm^2	BROWN	240
502.771K-300	CU-300	600MCM; 300mm^2	GREEN	300
502.771K-400	CU-400	750MCM; 400mm^2	BLACK	400

* refer to color-coded power lugs and butt splices
Note – Correspondence to AWG is approximate
Information subject to change without notice

A power-operated hydraulic tool, the K-ED10 (ITC Part No. **502.851K**), is available. The K-ED10 can:

- Crimp lugs and terminals
- Cut DIN rails
- Cut threaded rods
- Cut standard Cu and Al cables
- Cut ACSR cables

AM-30 Pneumatic Crimping Bench-Mounted Tool for Electrical Terminals

The new bench-mount pneumatic tool introduced by ITC is economical, easy to use, and offers total flexibility to the medium-sized panel shop or wire harness manufacturer. It can be fitted with die sets for the most common electrical terminals:

- Insulated solderless terminals 22-10AWG
- Non-insulated crimp terminals 22-8AWG
- Insulated "flag" disconnect terminals 18-14AWG
- Uninsulated open-barrel terminals 27-10AWG
- Closed-end crimp connectors 22-10AWG
- Ferrules (cord end terminals) 22-1AWG

This crimping tool is driven by a dual-action pneumatic cylinder, which offers the advantages of high-efficiency, and superior quality of crimping force and speed. The tool is supplied with a pneumatic foot switch, pneumatic tubing and a safety guard for the machine jaws.

All available die sets are interchangeable with ITC's "Series 700" and "800" manual crimping tools.

Features and specifications:

- **Weight** (excl. foot switch & tube): 3.6 kg / 7.8 lbs
- **Dimensions** (HxWxD): 180 x 133 x 300mm
- **Air pressure**: 58-101 psi
- **Compression force**: 13.5 kN

The tool has storage room for storing spare dies.

Crimping Tools (Order by Part No.)

Part No.	Model	Description	Wire size AWG / Wire Size mm^2	Crimp Shape	
500.920	AM-30	Pneumatic crimper tool, foot switch, tubing, Allen key & manual (dies not included)	—	—	—
500.711	FE06WF	Series 700 die, for ferrules	22-10AWG / 0.5-6mm^2		
500.712	FE16WF	Series 700 die, for ferrules	10-6AWG / 6-16mm^2		
500.713	FE2550WF	Series 700 die, for ferrules	4-1AWG / 25-50mm^2		
500.721	IT056YJ	Series 700 die, for insulated terminals	22-10AWG / 0.5-6mm^2		
500.723	IT07FL	Series 700 die, for insulated "flag" terminals	18-14AWG / 1.0-2.5mm^2		
500.725	CE103	Series 700 die, for close end connectors	22-10AWG / 0.5-6mm^2		
500.731	UT156W	Series 700 die, for uninsulated terminals	22-10AWG / 0.5-6mm^2		
500.732	UT0510TD	Series 700 die, for uninsulated terminals	22-8AWG / 0.5-10mm^2		
500.741	OB03A	Series 700 die, for open-barrel uninsulated terminals	27-14AWG / 0.1-2.5mm^2		
500.742	OB03B	Series 700 die, for open-barrel uninsulated terminals	22-10AWG / 0.5-6mm^2		
500.729	LS2.5	Spare Allen key 2.5mm	—	—	

Information subject to change without notice

AM-70 Pneumatic Crimping Tool for Power Crimp Terminals/Lugs

This new bench-mount pneumatic tool introduced by ITC is economical, easy to use, and offers total flexibility to the medium-sized panel shop or wire harness manufacturer. It can be fitted with die sets for the most common power crimp terminals/lugs.

Features and specifications:

- **Weight** (excl. foot switch & tube): 14 kg / 31 lbs
- **Dimensions** (HxWxD): 200 x 140 x 520mm
- **Air pressure**: 101-138 psi
- **Compression force**: 59 kN
- **Crimping dies sizes included with tool**: 6mm^2-10AWG, 10mm^2-8AWG, 16.0mm^2-6AWG, 25mm^2-4AWG, 35mm^2-2AWG, 50mm^2-1AWG, 70mm^2-2/0 AWG

This tool is very durable and comes with a pneumatic foot switch, pneumatic tubing and 4 high carbon steel hexagonal dies. The AM-70 jaw facilitates easy changing of the 4 dies.

The dies crimp 6, 10, 16, 25, 35, 50 and 70mm^2 power crimp terminals.

Other styles of crimping dies are also available upon request. The special handle design makes it easy to carry.

Crimping dies from 6 to 70mm^2
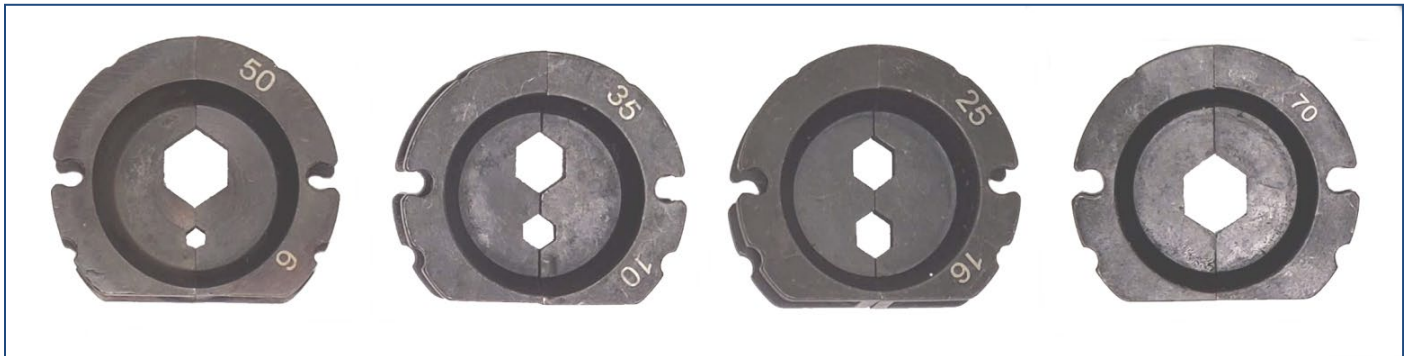
Crimping Tools (Order by Part No.)

1Part No.	Model	Description
500.927	AM-70	Pneumatic crimping tool, foot switch, tubing and 4 dies – 6-70mm^2 (10-2/0AWG)

Information subject to change without notice

Crimping Tools for Solderless Electrical Terminals and Ferrules

CS8 & CS9 Series Manual Crimping Tools for Electrical Terminals

These 2 series of manual ratcheting crimping tools are designed for use with the most common electrical terminals. The CS8 series is compact, economical and weighs approximately 390g. The CS9 series offers a wide range of dies, more leverage and weighs approximately 540g. With both series the frame and dies can be purchased together or separately.
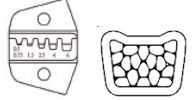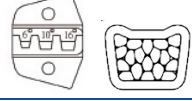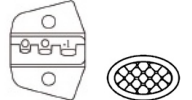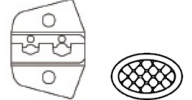
These crimping tools can be used on:

- Ferrules 22-1AWG
- Insulated crimp terminals 26-10AWG
- Uninsulated crimp terminals 22-8AWG
- Uninsulated open-barrel terminals 30-10AWG
- "Flag" disconnect terminals 22-14AWG
- Closed-end crimp connectors 22-10AWG
- Modular plugs RJ45 terminals, 8 position
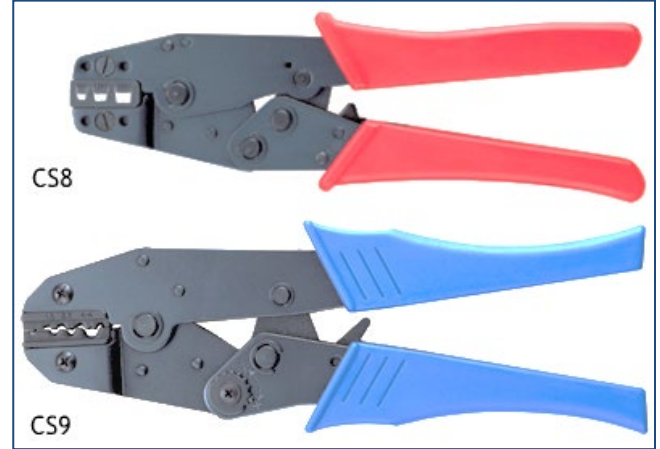
CS8 Series

CS8 Crimping Tools (Order by Part No.)   Series 8 frames are 8" long

Part No. (Frame & Die)	Description	Part No. Die only	Wire Size AWG	Wire Size mm^2	Die & Crimp Shape	
504.800 (no die)	8 inch Series CS8 frame	—	—	—	—	
504.811	CS8 crimping tool for ferrules	504.811D	22-10 AWG	0.5-6mm^2		
504.812	CS8 crimping tool for ferrules	504.812D	10-6 AWG	6-16mm^2		
504.821	CS8 crimping tool for insulated terminals	504.821D	26-18 AWG	0.14-1mm^2		
504.822	CS8 crimping tool for insulated terminals	504.822D	22-14 AWG	0.5-2.5 mm^2		
504.831	CS8 crimping tool for uninsulated terminals	504.831D	19-14 AWG	0.5-2.5 mm^2		
504.841	CS8 crimping tool for open barrel terminals	504.841D	30-18 AWG	0.05-1mm^2		
504.842	CS8 crimping tool for open barrel terminals	504.842D	24-14 AWG	0.25-2.5mm^2		

The cross section shapes of the crimps are for indication purposes only
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CS9 Series

CS9 Series Crimping Tools (Order by Part No.)   Series 9 frames are 9" long

Part No. (Frame & Die)	Description	Part No. Die only	Wire Size AWG	Wire Size mm^2	Die & Crimp Shape	
504.900 (no die)	9 inch Series CS9 frame	—	—	—	—	—
504.911	CS9 crimping tool for ferrules	504.911D	20-8 AWG	0.5-10mm^2		
504.912	CS9 crimping tool for ferrules	504.912D	10-6 AWG	6-16mm^2		
504.913	CS9 crimping tool for ferrules	504.913D	4-1 AWG	25-50mm^2		
504.914	CS9 crimping tool for ferrules	504.914D	6-2 AWG	16-35mm^2		
504.921	CS9 crimping tool for insulated terminals	504.921D	20-10 AWG	0.5-6mm^2		
504.923	CS9 crimping tool for insulated flag terminals	504.923D	20-14 AWG	1.5-2.5 mm^2		
504.924	CS9 crimping tool for uninsulated flag terminals	504.924D	20-14 AWG	0.5-2.5mm^2		
504.925	CS9 crimping tool for closed end connectors	504.8925D	20-10 AWG	0.5-6mm^2		
504.931	CS9 crimping tool for uninsulated terminals	504.931D	18-10 AWG	1-6mm^2		
504.932	CS9 crimping tool for uninsulated terminals	504.932D	20-8 AWG	0.5-10mm^2		
504.941	CS9 crimping tool, open barrel terminals	504.941D	27-14 AWG	0.1-2.5 mm^2		
504.942	CS9 crimping tool for open barrel terminals	504.942D	20-10 AWG	0.5-6mm^2		
504.952	CS9 RJ45 8 Position key modular plug: cut + strip	504.952D	—	—		

The cross section shapes of the crimps are for indication purposes only
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416.663.7223   www.itcproducts.com   sales@itcproducts.com   50 Mural St Unit #8 Richmond Hill, ON L4B 1E4

ITC ELECTRICAL COMPONENTS

CS10 Crimping Tools & Kit

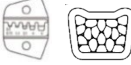CS10 is a professional kit for electricians, designed to crimp the most common types of electrical terminals.

This kit includes one professional ratchet-type crimping tool, and four different interchangeable die sets, each for one of these terminals:

- Insulated crimp terminals 22-10AWG
- Insulated disconnect terminals 22-10AWG
- Insulated and uninsulated ferrules 22-12AWG
- Closed end connectors 22-10AWG

The components above are delivered in a plastic case with a transparent window on the cover, dimensions: 290x210x50mm.

CS10 Tool kit and replacement dies (Order by Part No.)

Part No.	Description	Wire Size AWG	Wire Size mm²	Die & Crimp Shape	
500.068	Complete CS-10 tool kit in plastic case, including 4 die sets (ferrules, insul. term., insul. disconnect, closed end)	–	–	–	–
504.100	CS10 frame (no dies)	–	–	–	–
504.111D	Spare die set for ferrules	22-12 AWG	0.5-4mm²		
504.121D	Spare die set for insulated single crimp terminals	22-10 AWG	0.5-6mm²		
504.126D	Spare die set for insulated single crimp disconnect terminals	22-10 AWG	0.5-4mm²		
504.125D	Spare die for closed end terminals	22-10 AWG	0.5-6mm²		

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Other dies are available for the use with the CS10 frame, increasing the versatility of the CS10 series.

CS10 additional dies available (Order by Part No.)

Part No.	Description	Wire Size AWG	Wire Size mm²	Die & Crimp Shape	
504.112D	Extra die set for ferrules	10-6 AWG	6-16mm²		
504.113D	Extra die set for ferrules	4-2 AWG	25-35mm²		
504.114D	Extra die set for ferrules	4-1 AWG	25-50mm²		
504.123D	Extra die set for insulated flag terminals	22-14 AWG	0.5-2.5mm²		
504.131D	Extra die set for uninsulated terminals	22-10 AWG	0.5-6mm²		
505.141D	Extra die set for uninsulated open barrel terminals	22-10 AWG	0.5-6mm²		

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ITC ELECTRICAL COMPONENTS

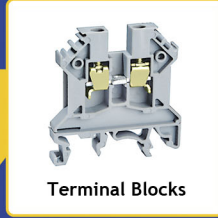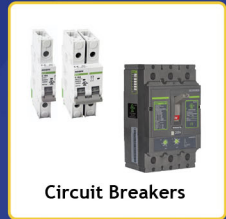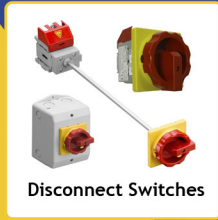|					
DIN Rail	DIN Rail Accessories	Non-Metallic Enclosures	Hinged Enclosures	Thermal Management	PANEL Lighting
Multipole Connectors	Compact IP68 Connectors	Terminal Blocks	Terminal Strips	22.5mm Pushbuttons	LED Indicators
Control Stations	Limit Switches	Micro Limit Switches	Safety Switches	Foot Switches	Circuit Breakers
IEC Contactors	Disconnect Switches	Midget and CC Fuse Holders	Tower Lights	Power Continuity	Ferrules
Colour Coded Lugs	Crimp Terminals	Termination Kits	Cable Glands	Thread Adapters	Cable Entry Systems
Wire Management	DIN Rail Cutters	Assembly Tables	Cutting & Stripping	Crimping Tools	Hole Cutting & Punching Tools

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