



ELECTRICAL COMPONENTS

Cutting, Stripping & Crimping Tools

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



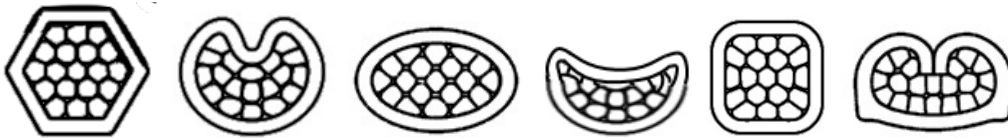
Cutting, Stripping and Crimping Tools for Solderless Electrical Terminals and Ferrules

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.

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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]

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

Small section Cutters (Order by Part No.)

Part No.	Description:	
500.006	General purpose Diagonal Flush Cutter	
	Maximum cable section:	3.31mm ² (12AWG)
	Maximum cable diameter:	2.05mm
	Length	120mm
	Weight:	61g
	Material:	12mm Chromed steel blades PVC handle
	Features:	Spring action, ideal for cutting small wires, telecom wires, solid and stranded, and for trimming printed circuit boards
500.007	Mini Diagonal Flush Cutter	
	Maximum cable section:	0.785mm ² (18AWG)
	Maximum cable diameter:	1mm
	Length	100mm
	Weight:	51g
	Material:	Steel blades PVC handle
	Features:	Ideally designed for trimming electronic wire and printed circuit boards. Angled blades with ergonomic handles

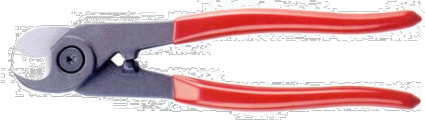
*Note - Maximum wire size is given as a general reference only, depending on the type and thickness of insulation, stranding, etc.

*Note - Pictures are not to scale Information subject to change without notice

Medium and Heavy-Duty Wire and Cable Cutters [Max. 500mm² = 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.)

Part No.	Description:
500.009	KCC-08 Cable and Wire Cutters
	Maximum cable section:
	Maximum cable diameter:
	Length:
	Weight:
	Material:
	Feature(s):
500.010	KCC-38 Medium-duty Cable Cutters
	Maximum cable section:
	Maximum cable diameter:
	Length:
	Weight:
	Material:
	Feature(s):
500.011	KCC-60 Medium-duty Cable Cutters
	Maximum cable section:
	Maximum cable diameter:
	Length:
	Weight:
	Material:
	Feature(s):
500.012	KCC-80 Cable cutters
	Maximum cable section:
	Maximum cable diameter:
	Length:
	Weight:
	Material:
	Feature(s):

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

Part No.	Description:	
500.015	Dual-action professional cable cutter D20	
	Maximum cable section:	70mm ² (2/0AWG)
	Maximum cable diameter:	25mm (1")
	Length	200mm
	Weight:	340g
	Material:	Special drop forged tempered steel blades Rubberized coated handles
	Feature(s):	▪ 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
500.014	KCC-250 Heavy Duty cable cutters	
	Maximum cable section:	250mm ² (500 MCM)
	Maximum cable diameter:	47mm (1 7/8")
	Length:	600mm
	Weight:	1550g
	Material:	Hardened steel blade Steel handles with plastic grips
	Feature(s):	Cuts effortlessly through Cu and Al cables thanks to their long handles and to optimal blade geometry
500.016	KCC-500 Heavy Duty cable cutters	
	Maximum cable section:	500mm ² (1000 MCM)
	Maximum cable diameter:	27mm (1 1/4")
	Length:	800mm
	Weight:	2950g
	Material:	Hardened steel blade Steel handles with plastic grips
	Feature(s):	ITC's largest non-ratcheting heavy-duty shears which cuts copper and aluminum cables.
500.004	SCC-200 Heavy-duty cutters for STEEL Rod	
	Maximum cable section:	Copper cable 150mm ² , 13.8mm, AWG 300 MCM
	Maximum cable diameter:	Steel rod 9mm (~3/8") diameter Steel wire rope 12mm (~1/2") diameter
	Length:	600mm
	Weight:	1800g
	Material:	Hardened steel blades Steel handles with plastic grips
	Feature(s):	ITC's steel rods and wire rope cutter.

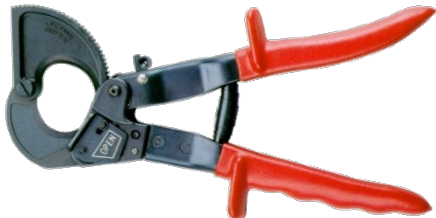
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Heavy-Duty (Ratchet) Cable Cutting Tools

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.)

Part No.	Description:	
500.017	RCC-325 Ratchet Cable Cutter	
	Maximum cable section:	325mm ² (600MCM) 200mm ² (400MCM) hard drawn copper
	Maximum cable diameter:	32 mm (~1 1/4")
	Length:	250mm
	Weight:	650g
	Material:	Special drop forged tempered steel blades Rubberized coated handle
	Feature(s):	- Easily cut 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
500.018	RCC-500 Ratchet Cable Cutter	
	Maximum cable section:	500mm ² (1000MCM)
	Maximum cable diameter:	38mm (~1 1/2")
	Length:	285mm
	Weight:	650g
	Material:	Special drop forged tempered steel blades Rubberized coated handles
	Feature(s):	- 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
500.013	D-100 Extra-Heavy-Duty Ratchet Cable Cutter	
	Maximum cable section:	960mm ² (1900MCM)
	Maximum cable diameter:	100mm (4")
	Length:	686 - 890mm
	Weight:	5000g
	Material:	Tempered steel blades Rubber grip telescopic handles (length 400-600mm)
	Feature(s):	- 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)

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Wire and Cable Stripping Tools

Multi-purpose Stripping Tools

Multi-purpose Stripping Tools combine wire stripping, cutting, and gripping functions in one compact tool. Designed for most common insulation materials, they feature clearly marked stripping slots for fast, accurate wire preparation.

Multipurpose Wire Stripping Tools (Order by Part No.)

Part No.	Description:	
500.121	WSC-2030 - 3 in 1 Cable Stripper	
	Wire Size (AWG):	30 - 20AWG
	Wire Size (mm ²)	0.05 - 0.5mm ²
	Length:	150mm
	Weight:	115g
	Material:	Steel, plastic coated handles
500.123	LS-1041 - 3 in 1 Cable Stripper	
	Wire Size (mm ²)	0.9 - 5.5mm ²
	Wire Size (AWG):	18 - 10AWG
	Length:	170mm
	Weight:	180g
	Material:	Steel, plastic coated handles
500.124	LS-1040 - 3 in 1 Cable Stripper	
	Wire Size (mm ²)	0.2 - 6mm ²
	Wire Size (AWG):	24 - 10AWG
	Length:	180mm
	Weight:	150g
	Material:	Steel, plastic coated handles

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Heavy-duty Dismantling Knife

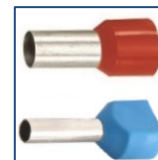
A practical hand tool which cuts the insulation jacket of power, multi-conductor and telecom cables lengthwise, precisely and easily. The knob at the tip of the blade guides the knife without damaging the wire or the insulation.

Dismantling Knife (Order by Part No.):

Part No.	Description:	
500.131	LS-55 - Heavy-duty insulated dismantling knife	
	Length:	550mm
	Weight:	90g
	Material:	Steel blade, plastic body
	Feature(s):	▪ Transparent protective cap supplied ▪ Surgical stainless steel, sickle-shaped blade needs no sharpening ▪ Insulated to 1000Vac/1500Vdc and tested per VDE standard

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.

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 mm² (24 to 14AWG) or twin ferrules 0.14 to 1.5mm² (26 to 16AWG) with different crimp indents. Crimp shape is trapezoidal (see picture), ideal for inserting in terminal blocks, contactors, circuit breakers.

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

Part No.	Description:
500.047	Precision plier crimping tool
	Wire Size (AWG): 24 - 14 AWG (26 - 16 AWG for twin ferrules)
	Wire Size (mm ²): 0.25 - 2.5mm ² (0.14 - 1.5mm ² for twin ferrules)
	Length: 150mm
	Weight: 140g
	Material: Tempered steel, burnished Ergonomic grips in polyurethane compound
	Crimp Shape: Trapezoid 
	Ferrule types: Insulated, Uninsulated, Twin 

The cross section shapes of the crimps are for indication purposes only
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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 2.5mm² (20 - 14 AWG):

- 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:	
500.090	QUADRO Plus multifunction tool, with case and 3 magazines	
	Wire Size (AWG):	20-14 AWG
	Wire Size (mm ²):	0.25 - 2.5mm ²
	Length:	150mm
	Weight:	285g (tool) / 577g (whole case)
	Material:	Body: Glass fiber reinforced polyamide (PA) Magazine: Polypropylene (PP) Blade: Tempered and hardened Steel
	Crimp Shape:	Indent (Trapezoid) 
Ferrule types:		Insulated 

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Accessories for QUADRO Plus Multi-function Ferrule Tool (Order by Part No.)

Part No.	Description	Wire size*	Wire Size mm ²	Weight (g)
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

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Professional, Ratcheting Ferrule Crimping Tools - PEW 8 Series

PEW 8.84 and 8.286 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!

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

Part No.	Description:
500.035 	PEW 8.84 Professional square die crimp tool
	Wire Size (AWG): 28 - 7 AWG
	Wire Size (mm²): 0.08 - 10mm ²
	Length: 181mm
	Weight: 454g
	Material: Tempered steel, burnished Ergonomic grips in polyurethane compound
	Crimp Shape: Square 
500.039 	PEW 8.286 Professional hex die crimp tool
	Wire Size (AWG): 28 - 6 AWG (up to 2 x 8AWG for twin ferrules)
	Wire Size (mm²): 0.08 - 10mm ² (2 x 10mm ²) for twin ferrules
	Length: 181mm
	Weight: 454g
	Material: Tempered steel, burnished Ergonomic grips in polyurethane compound
	Crimp Shape: Hexagon 
500.049 	PEW 8.88 Professional front-load square die crimp tool
	Wire Size (AWG): 28 - 6 AWG
	Wire Size (mm²): 0.08 - 16mm ²
	Length: 190.5mm
	Weight: 454g
	Material: Tempered steel, burnished Ergonomic grips in polyurethane compound
	Crimp Shape: Square 
	Ferrule types: Insulated, Uninsulated  

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*Note - Pictures are not to scale

*Refers to single ferrules

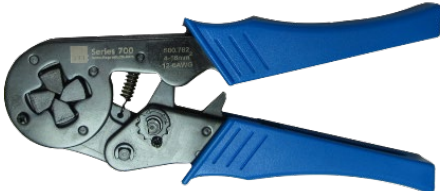
Square-die Ratcheting Crimping Tools for Ferrules 24-6AWG

This economy series of 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

700 Series Ratcheting Ferrule Crimping Tools (Order by Part No.)

Part No.	Description:
500.781	LSC8-6-4 - 700 Series Square die ratcheting crimp tool for ferrules
	Wire Size (AWG): 24 - 10 AWG
	Wire Size (mm ²): 0.25 - 6mm ²
	Length: 180mm
	Weight: 380g
	Material: Tempered steel, burnished. Insulating grips in polypropylene compound
	Crimp Shape: Square 
	Ferrule types: Insulated, Uninsulated  
500.782	LSC8-16-4 - 700 Series Square die ratcheting crimp tool for large size ferrules
	Wire Size (AWG): 12 - 6 AWG
	Wire Size (mm ²): 4 - 16mm ²
	Length: 210mm
	Weight: 520g
	Material: Tempered steel, burnished. Insulating grips in polypropylene compound
	Crimp Shape: Square 
	Ferrule types: Insulated, Uninsulated  
500.048	C-0816 - 700 Series Front-load square die crimp tool
	Wire Size (AWG): 24 - 10 AWG
	Wire Size (mm ²): 0.25 - 6mm ²
	Length: 180mm
	Weight: 380g
	Material: Tempered steel, burnished. Insulating grips in polypropylene compound
	Crimp Shape: Square 
	Ferrule types: Insulated, Uninsulated  

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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 mm² (2/0 - 250MCM) and ferrules 150 to 240mm² (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
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* refers to single ferrules



AC Series Pneumatic Ferrule Crimping Tools

AC Series Pneumatic Crimpers provide fast and consistent crimping of wire ferrules while reducing operator effort. Available in hand-held and bench-mounted models, these maintenance-free tools are ideal for control panel manufacturing and high-volume wire preparation applications.



Features and specifications:

- Require compressed air at 4 to 6 bar (90 to 120 psi)
- Equipped with a finger guard for safety
- Control operation:
 - Hand-held version: Controlled by a pressure lever on the body of the tool itself
 - Bench mounted version: Controlled by a foot switch (Supplied)
- Accessories included:
 - Hand-held version: equipped with a 2m spiral pneumatic hose and a connector
 - Bench mounted version: equipped with 2m spiral pneumatic hose, foot switch, and bench mount clamp
- Ferrule insertion:
 - Model AC25 / AC25T, single die, ferrule insertion from either front or side of the head
 - Model AC100 / AC100T, ferrule insertion from side of tool only
- handy ferrule tray on the body of the tool (AC25T and AC100T only)

AC Series Hand-held Pneumatic Ferrule Crimping Tools (Order by Part No.)

Part No.	Description:
500.952 	AC25 - Hand-held pneumatic ferrule crimping tool
	Wire Size (AWG): 24 - 14 AWG*
	Wire Size (mm ²): 0.14 - 2.5 mm ² *
	Size: Ø44 x 200mm
	Weight: 450g
	Material: Polymaide
	Crimp Shape: Indent (Trapezoid) 
500.962 	AC100 - Hand-held pneumatic ferrule crimping tool
	Wire Size (AWG): 12 - 8 AWG*
	Wire Size (mm ²): 4 - 10mm ² *
	size: Ø44 x 200mm
	Weight: 450g
	Material: Polymaide
	Crimp Shape: Indent (Trapezoid) 
Ferrule types: Insulated, Uninsulated, Twin  	

The cross section shapes of the crimps are for indication purposes only
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*Refers to single ferrules

AC Series Bench-mount Pneumatic Ferrule Crimping Tools (Order by Part No.)

Part No.	Description:
500.951 	AC25T - Bench-mount pneumatic ferrule crimping tool
	Wire Size (AWG): 24 - 14 AWG*
	Wire Size (mm ²): 0.14 - 2.5mm ² *
	Size: Ø140 x 200 x 70mm
	Weight: 1000g
	Material: Polymaide
	Crimp Shape: Indent (Trapezoid) 
500.961 	AC100T - Bench-mount pneumatic ferrule crimping tool
	Wire Size (AWG): 12 - 8 AWG*
	Wire Size (mm ²): 4 - 10mm ² *
	Size: Ø140 x 200 x 70mm
	Weight: 1000g
	Material: Polymaide
	Crimp Shape: Indent (Trapezoid) 
Ferrule types: Insulated, Uninsulated, Twin  	

The cross section shapes of the crimps are for indication purposes only
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*Note - Pictures are not to scale

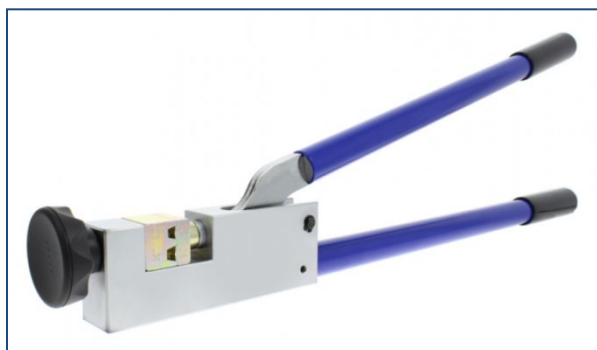
*Refers to single ferrules

Manual Crimping Tool for Large Ferrules 4AWG-500MCM

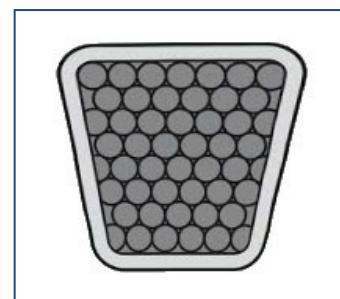
ITC introduces a new manual (non-hydraulic) crimping tool with interchangeable crimping dies specially designed for large uninsulated and insulated ferrules, from 25mm² (4AWG) to 240mm² (500MCM).

Features and specifications:

- **Ferrules Crimped:** from 25mm² (4AWG) to 240mm² (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")



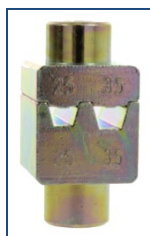
500.046



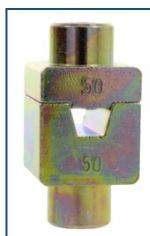
Manual Crimping Tool for Large Ferrules (Order by Part No.)

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

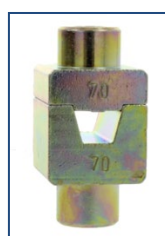
Replacement parts available from ITC
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500.046-2535



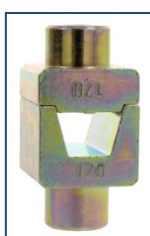
500.046-50



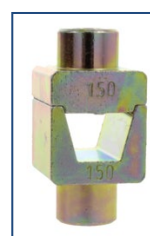
500.046-70



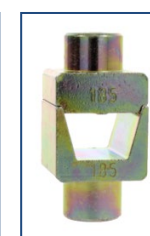
500.046-95



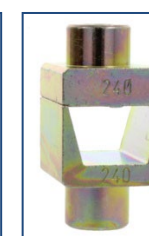
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500.046-150



500.046-185



500.046-240

Warranty information

All ITC crimpers are covered for 12-months from manufacturing defects.

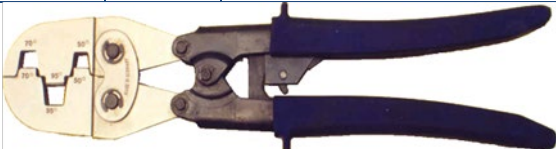
AE Series Precision & CK Series Heavy-duty Ferrule Crimping Tools

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 mm² (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
 			- 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	
 			- 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	
 			- 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

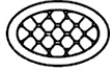
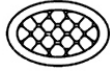
Covering the most common range of terminals, these ergonomic tools offer extreme precision and durability. Light and compact, yet powerful, the PEW 9 series of crimping tools are designed to operate within confined spaces.



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



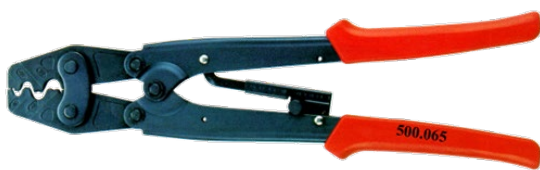
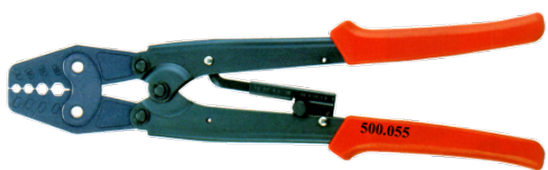
Light and compact!

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 ratcheting action - Long handles for effortless operation				
500.065	HD-25L	Industry grade crimper	10-4 AWG	6-25mm ²	354	780	
			- Manual ratcheting 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: 10mm² (8AWG) - 16mm² (6AWG) - 25mm² (4AWG) - 35mm² (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-ratcheting, 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 mm² and not in AWG)*							
mm ²	16	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

- 10mm² ~ 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 10mm ² to 150mm ²

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 10mm² to 400mm² (~8AWG to ~750MCM). All hydraulic tools come in a rugged plastic carrying case, with compartments for a complete set of crimping dies.

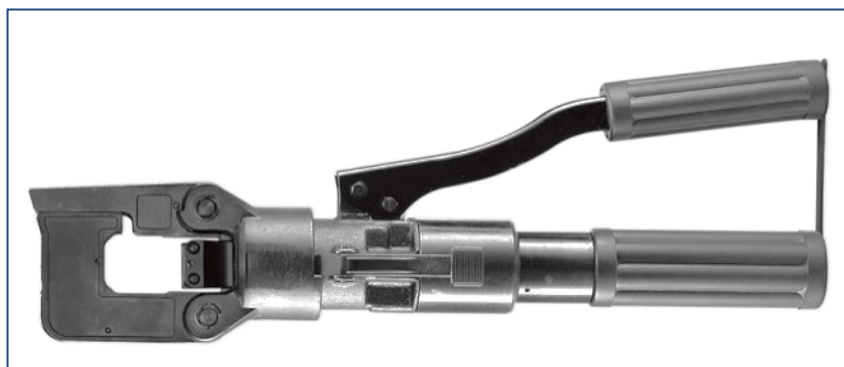
The lightweight manual hydraulic crimping tools are ideal for working in confined spaces due to their limited dimensions. Changing dies is extremely easy and does not require any tools.

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)	Range (aluminum lugs)	Terminal Color (*)	Die mark
502.551K-1016	AHE-1016	8-6AWG; 10-16mm ²	10-8AWG; 6-10mm ²	RED / BLUE	10 / 16
502.551K-2535	AHE-2535	4-2AWG, 25-35mm ²	6-4AWG, 16-25 mm ²	GREY / WHITE / GREEN	25 / 35
502.551K-5070	AHE-5070	1-2/0AWG; 50-70mm ²	2-1AWG, 35-50 mm ²	GREEN / PINK / BLACK	50 / 70
502.551K-95120	AHE-95120	3/0AWG-250MCM; 95-120mm	2-3/0AWG, 70-95 mm ²	ORANGE / PURPLE / YELLOW	95 / 120
502.551K-150	AHE-150	300MCM; 150mm ²	4/0AWG, 120 mm ²	WHITE	150
502.551K-185	AHE-185	350MCM; 185mm ²	300MCM, 150 mm ²	ORANGE / BLUE	185
502.551K-240	AHE-240	500MCM; 240mm ²	350MCM, 185 mm 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)	Range (aluminum lugs)	Color (*)	Die mark
502.771K-16	CU-16	6AWG; 16mm ²	8AWG; 10mm ²	BLUE	16
502.771K-25	CU-25	4AWG; 25mm ²	6AWG; 16mm ²	GREY	25
502.771K-35	CU-35	2AWG; 35mm ²	4AWG; 25mm ²	WHITE	35
502.771K-50	CU-50	1AWG; 50mm	2AWG; 35mm	GREEN	50
502.771K-70	CU-70	2/0AWG; 70mm ²	1AWG; 50mm ²	BLACK	70
502.771K-95	CU-95	3/0AWG; 95mm ²	2/0AWG; 70mm ²	ORANGE	95
502.771K-120	CU-120	4/0AWG; 120mm ²	3/0AWG; 95mm ²	PURPLE	120
502.771K-150	CU-150	300MCM; 150mm ²	4/0MCM; 120mm ²	WHITE	150
502.771K-185	CU-185	350MCM; 185mm ²	300MCM; 150mm ²	ORANGE	185
502.771K-240	CU-240	500MCM; 240mm ²	350MCM; 185mm 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	Crimp Shape	
			Wire Size mm ²		
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:** 6mm²-10AWG, 10mm²-8AWG, 16.0mm²-6AWG, 25mm²-4AWG, 35mm²-2AWG, 50mm²-1AWG, 70mm²-2/0 AWG



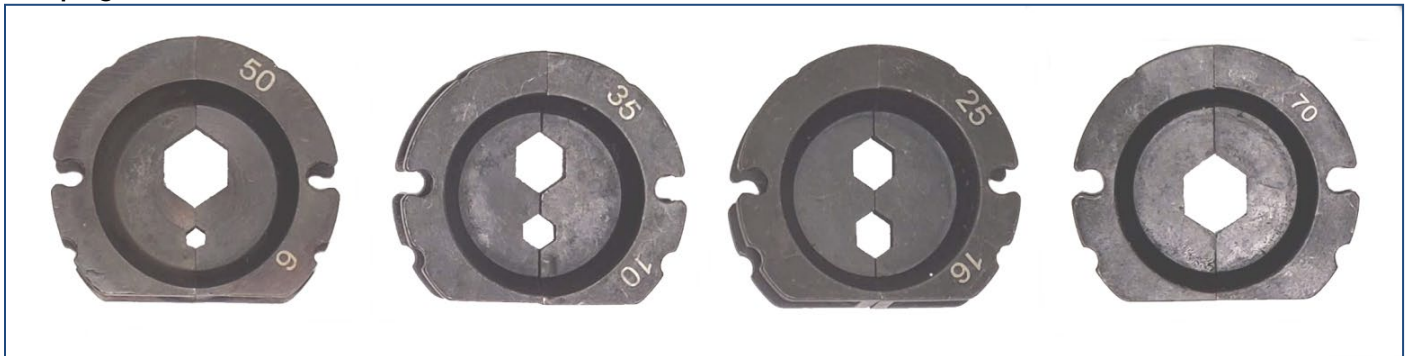
This tool is very durable and comes with a pneumatic foot switch, pneumatic tubing and 4 high carbon steel hexagonal dies. The AM-70 jaw facilitates easy changing of the 4 dies.

The dies crimp 6, 10, 16, 25, 35, 50 and 70mm² 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 70mm²



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

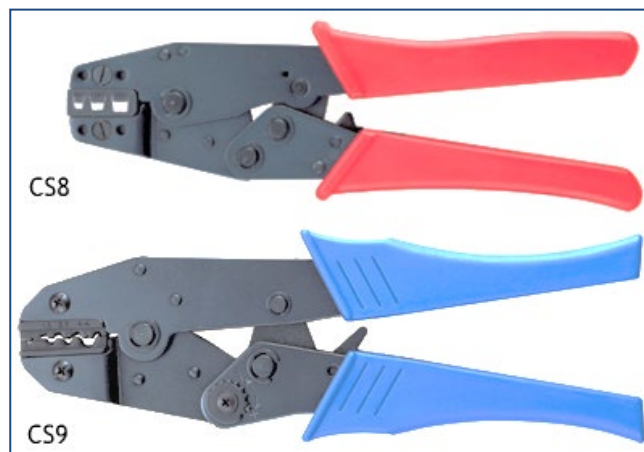
Crimping Tools for Solderless Electrical Terminals and Ferrules

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.

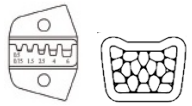
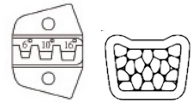
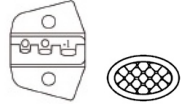
These crimping tools can be used on:

- Ferrules 22-14AWG
- 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

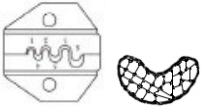
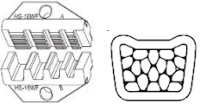
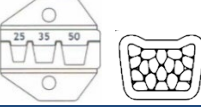
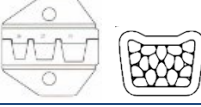
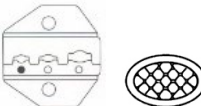
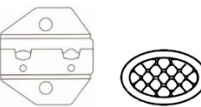
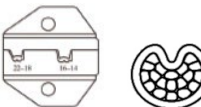
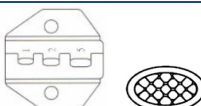
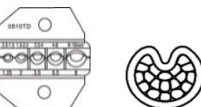
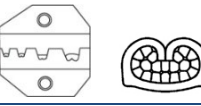
CS8 Crimping Tools (Order by Part No.) Series 8 frames are 8” long

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
Information subject to change without notice

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
Information subject to change without notice

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 mm ²	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	0.5-4mm ²		
504.121D	Spare die set for insulated single crimp terminals	22-10 AWG	0.5-6mm ²		
504.126D	Spare die set for insulated single crimp disconnect terminals	22-10 AWG	0.5-4mm ²		
504.125D	Spare die for closed end terminals	22-10 AWG	0.5-6mm ²		

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

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 mm ²	Die & Crimp Shape	
504.112D	Extra die set for ferrules	10-6 AWG	6-16mm ²		
504.113D	Extra die set for ferrules	4-2 AWG	25-35mm ²		
504.114D	Extra die set for ferrules	4-1 AWG	25-50mm ²		
504.123D	Extra die set for insulated flag terminals	22-14 AWG	0.5-2.5mm ²		
504.131D	Extra die set for uninsulated terminals	22-10 AWG	0.5-6mm ²		
505.141D	Extra die set for uninsulated open barrel terminals	22-10 AWG	0.5-6mm ²		

The cross section shapes of the crimps are for indication purposes only.
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PANEL Lighting



Multipole Connectors



Plug and Socket
Connectors



Terminal Blocks



Terminal Strips &
Parallel Connectors



Interface Connectors



Pushbuttons &
Control Stations



Led Light bulbs
& Pilot Lights



Limit Switches



Micro Limit Switches



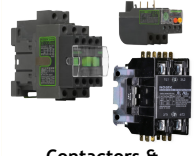
Safety Switches



Foot Switches



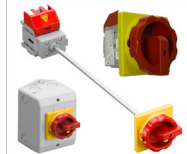
Circuit Breakers



Contactors &
Starters



Variable Frequency
Drives



Disconnect Switches



Fuses & Fuse Holders



Tower Lights &
Signalling Devices



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

SOME OF OUR MANUFACTURING PARTNERS

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