

# Cōncentrate

Let's connect.

**Weidmüller** 

## PRODUCT STORIES

### SNIP IT, STRIP IT & CRIMP IT

## Correct cable preparation is the key to quality for all electrical terminations

For over 40 years, Weidmüller has been developing and manufacturing the highest quality tools to meet the most stringent requirements. When we develop new solutions, we always have the same goal in mind: to make your job easier, optimise processes, and help protect the long-term productivity of your business.

*Test, Refine, and Test Again* - All our tools are put through functional and quality testing procedures that guarantee our quality lasts, even after many years of daily use.

*Don't let your reputation be tarnished by using lesser quality tools* - The finished product is often only as good as the tool used to complete it. That is why at Weidmüller, everything works in harmony. We provide you with the right tool for every requirement. Many of our most famous tools are for cutting, stripping and crimping.

#### Your benefits

##### **Cutting**

- Specially designed for cutting copper and aluminium wires with ease
- Fatigue-free
- Only the highest grades of tool steel are used

##### **Stripping**

- Flexible use - perfect for every conductor
- Adjustable handle distances

##### **Crimping**

- The self-adjusting crimp dies ensures stable crimping and avoid user errors
- The combination of optimised mechanics and carefully chosen geometries ensure minimal strain for the operator and long service life.

**Cutting** - Professional cutting tools make your work easier. Our cutting blades have been engineered to precisely cut at the correct angles with minimum operator force.

**Stripping** - Wire and sheathing strippers for high-quality work over a long lifetime. Accuracy and repetition are a key focus of our stripping tools. The prevention of damage to conductors is paramount in preventing operational failures. Weidmüller's "stripax" for example uses stacked multiple blades that conform to the profile of the cable and ensure no conductors are damaged.

**Crimping** - Reliable crimping tools for wire end ferrules, insulated and uninsulated lugs and other contacts. The continuity of a circuit may be compromised by incomplete crimping. Weidmüller's ratchet-style crimping tools prevent incomplete crimping and provide the best possible industry standard crimp termination. Ferrule crimpers such as our PZ 6 Roto ensure any ferrule from 0.14 to 6mm<sup>2</sup> may be crimped with one die without any adjustment.

*Our Cutting, Stripping and Crimping tools are your guarantee of trouble-free wire and crimp processing. Contact one of our Authorised Distributors today for a demonstration.*



## FEATURED PRODUCTS



### KT 8

#### Eliminates deformation of conductor

- Precisely cuts copper and aluminium cables
- Cuts up to 8mm in diameter

**Order number: 9002650000**



### stripax®

#### Automatic Stripper & Cutter

- For flexible cables from 0.08mm<sup>2</sup> to 10mm<sup>2</sup>
- Self-adjusting blades won't damage cable
- Stripping length up to 25mm adjustable by wire stop
- Removable handle for different size hands & ergonomics

**Order number: 9005000000**



### CTI 6

#### Double-crimp profile in 1 easy step

- For insulated lugs 0.5 to 6mm<sup>2</sup> (red, blue, yellow)
- Release option in case of incorrect operation
- Locator for exact positioning of contacts

**Order number: 9006120000**



### PZ 6 Roto

#### Universal ferrule crimper with rotating dies

- For ferrules with or without plastic collars
- Rotatable crimp die for ferrule insertion from the side or the front
- For cable sizes 0.14mm<sup>2</sup> to 6mm<sup>2</sup> in 1 crimp die

**Order number: 9014350000**

## TECH TIP

### Tech Tip: The importance of correctly stripping a wire

Wire stripping would seem to be an almost insignificant operation to most Electricians and Technicians, but there is more to it. Stripping is the cutting and removal of the insulation covering the wire. To ensure this is done correctly the following points must be observed.

- The stripping dimension must be observed. The length of the insulation is to be removed as it is critical for safe and functional termination. Terminal and device manufacturers specify a stripping length to ensure that the correct length of the conductor is in contact with the terminals.
- It is important to ensure that the conductor is not damaged in any way. Strands may be removed or partially cut resulting in a reduction of cross-sectional area.
- The remaining insulation must not be damaged so that there is still enough insulation left on the end of the wire to provide protection from electric shock or reducing creepage and clearance distances to another conductor or from an earthed frame.

Weidmüller stripping tools have been designed with all these factors in mind.

Please contact your local Authorised Distributor for pricing and more information. Visit [www.weidmuller.com.au](http://www.weidmuller.com.au)