

## Preciva CP84152

# Preciva Ferrule Crimping Tool Kit CP84152

AWG 28-5 (0.08-16mm<sup>2</sup>) Ferrule Crimper with 1520Pcs Single & Twin Ferrules Connectors

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## 1. INTRODUCTION

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Thank you for choosing the Preciva Ferrule Crimping Tool Kit, model CP84152. This kit provides a reliable solution for crimping wire ferrules, ensuring secure and professional electrical connections. Designed for efficiency and ease of use, it is suitable for various applications including electrical installations, workshops, and on-site repairs.

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your crimping tool kit. Please read it thoroughly before use and retain it for future reference.



Image 1.1: Preciva Ferrule Crimping Tool Kit (Model CP84152)

## 2. SAFETY INFORMATION

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**WARNING:** Always follow basic safety precautions when using electrical tools to reduce the risk of injury.

- **Eye Protection:** Always wear approved safety glasses or goggles when operating the crimping tool.
- **Insulation:** Ensure all wires are properly insulated and that power is disconnected from any circuits before working on them.
- **Tool Condition:** Inspect the tool for any damage or wear before each use. Do not use if damaged.
- **Proper Use:** Use the tool only for its intended purpose of crimping wire ferrules.
- **Children:** Keep the tool and all components out of reach of children.
- **Work Area:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.

## 3. PACKAGE CONTENTS

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The Preciva Ferrule Crimping Tool Kit (CP84152) includes the following items:

- 1 x Ferrule Crimping Pliers (AWG 28-5 / 0.08-16mm<sup>2</sup>)

- 1010 x Single Ferrule Connectors (various sizes)
- 510 x Twin Ferrule Connectors (various sizes)
- 1 x Double-layer Portable Storage Box

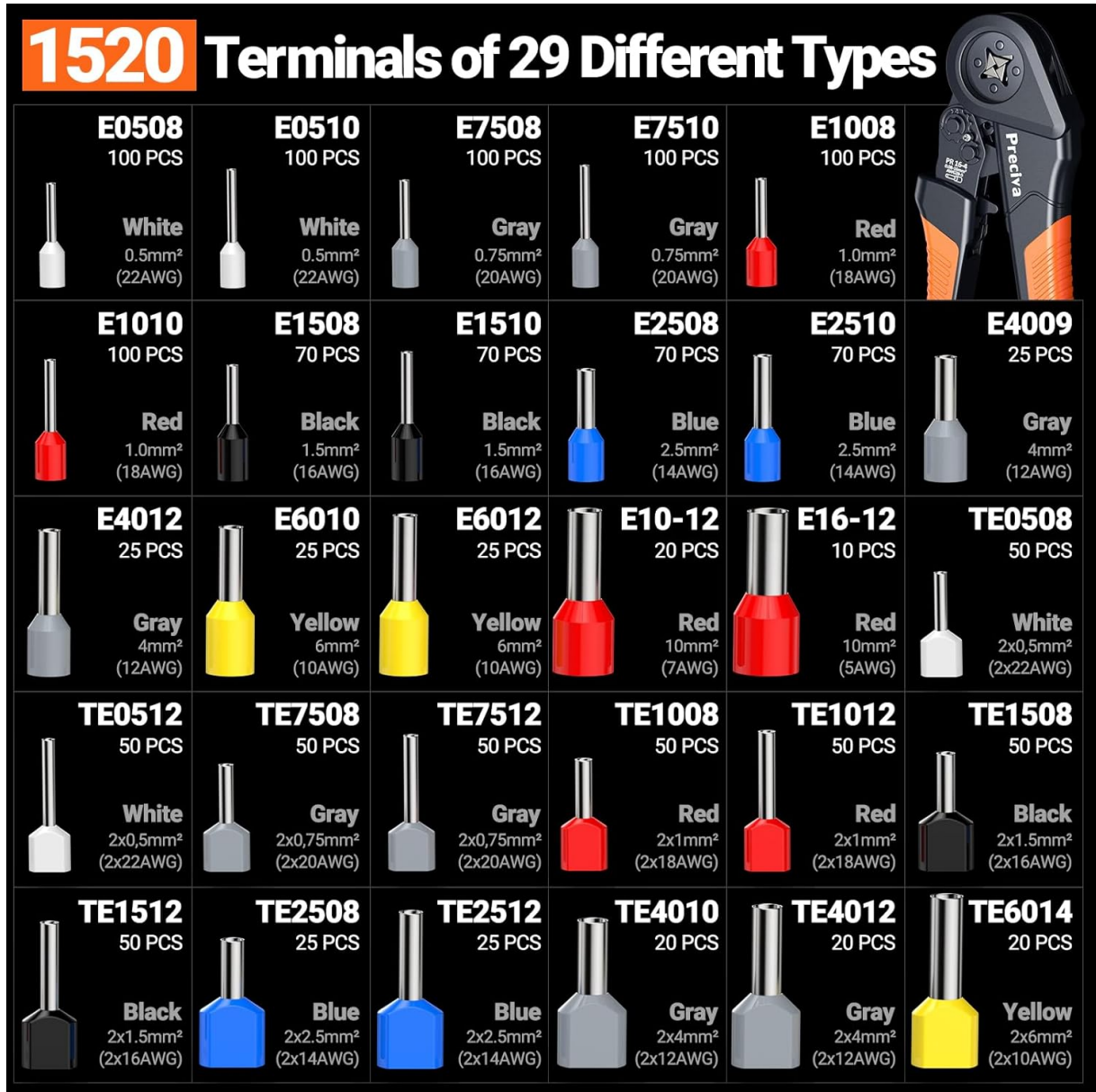


Image 3.1: 1520 Ferrule Connectors of 29 Different Types

# Preciva Portable and Versatile Organizer

**2**  
layers



Image 3.2: Portable and Versatile Organizer

## 4. PRODUCT OVERVIEW

### 4.1. Ferrule Crimping Tool Features

- **Self-Adjusting Ratchet Mechanism:** Automatically adjusts to the correct ferrule size for optimal crimping.
- **Labor-Saving Design:** The bow-shaped handle and flexible axis reduce hand force required for crimping, improving efficiency.
- **Smooth Crimping:** Integrated limit points prevent the jaws from over-closing and getting stuck.
- **Adjustable Crimping Force:** A star disk allows for easy adjustment of pressure to suit different wire thicknesses.
- **Quadrilateral Crimp:** Ensures a precise and secure crimp on ferrules.

# Effort-Saving Crimping Design

Up to 30% save effort



Image 4.1: Effort-Saving Crimping Design



Image 4.2: Quadrilateral Precise Crimping

#### 4.2. Ferrule Connectors

The kit includes 1520 single and twin ferrule connectors in 29 different types, covering AWG 28-5 (0.08-16mm<sup>2</sup>) wire sizes. These ferrules are made from high-quality brass and nylon, providing durable and reliable connections.



Image 4.3: Long & Short Terminal Kit Compatibility

## 5. SETUP

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1. **Unpack:** Carefully remove all components from the storage box.
2. **Familiarize:** Identify the crimping tool and the various sizes of ferrule connectors.
3. **Adjust Crimping Force (Optional):** If you find the crimping force too light or too strong for specific wire gauges, you can adjust it using the star disk on the tool. Rotate the star disk to increase or decrease the pressure until the desired crimping effect is achieved.

## 6. OPERATING INSTRUCTIONS

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Follow these steps for proper ferrule crimping:

1. **Prepare the Wire:** Strip the insulation from the end of the wire to the appropriate length for the chosen ferrule. Ensure the exposed wire strands are clean and untwisted.
2. **Insert Wire into Ferrule:** Fully insert the stripped end of the wire into the metal tube of the ferrule connector. Ensure all wire strands are contained within the ferrule.
3. **Position in Crimper:** Open the crimping tool jaws and insert the ferrule (with the wire inside) into the appropriate crimping slot. The self-adjusting mechanism will adapt to the ferrule size.

4. **Crimp:** Squeeze the handles of the crimping tool firmly until the ratchet mechanism releases. This indicates a complete crimp.
5. **Inspect Crimp:** Remove the crimped ferrule and inspect it. The crimp should be tight and secure, holding the wire firmly without any loose strands. The ferrule should not be easily pulled off the wire.



Image 6.1: 3 Steps to Quick Crimping



Image 6.2: Single Terminal Precision Crimp



Image 6.3: Dual Barrel Perfection Crimp

## 7. MAINTENANCE

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- **Cleaning:** After each use, wipe the crimping tool with a clean, dry cloth to remove any dust or debris.
- **Lubrication:** Periodically apply a light machine oil to the moving parts and pivot points of the tool to ensure smooth operation.
- **Storage:** Store the crimping tool and ferrules in the provided double-layer storage box in a dry, cool place, away from direct sunlight and moisture.
- **Inspection:** Regularly inspect the crimping jaws for wear or damage. Worn jaws can lead to poor crimps.

## 8. TROUBLESHOOTING

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### 8.1. Poor or Loose Crimp

- **Incorrect Ferrule Size:** Ensure the ferrule size matches the wire gauge.
- **Insufficient Wire Insertion:** Make sure the wire is fully inserted into the ferrule.
- **Crimping Force Adjustment:** Adjust the star disk on the tool to increase the crimping pressure.
- **Worn Jaws:** If the jaws are visibly worn, the tool may need replacement.

### 8.2. Jaws Getting Stuck

- **Over-closing:** The tool has limit points to prevent this, but ensure you are not forcing the handles beyond their natural stop.
- **Debris:** Check for any debris or foreign objects caught in the jaws and clean them.
- **Lubrication:** Apply lubrication to the pivot points and jaws.

## 9. SPECIFICATIONS

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Feature	Detail
Brand	Preciva

Model Number	CP84152
Crimping Range	AWG 28-5 (0.08-16mm <sup>2</sup> )
Handle Material	Metal, Hard Plastic
Grip Type	Contoured
Handle Type	Bow Handle
Included Components	Ferrule Crimping Tool, 1520 Ferrule Connectors, Storage Box
Specific Uses	Electrical installations, workshops, field service, on-site repairs, professional use

## 10. CUSTOMER SUPPORT

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For assistance with product use, concerns, or warranty inquiries, please contact our dedicated customer support team. We are committed to providing prompt solutions to ensure your satisfaction.

Please refer to your purchase documentation or the Preciva official website for specific contact details.