

**Wera 05022130001**

# **Wera 950/9 L Hex-Plus HF 1 Hex Key Set Instruction Manual**

Brand: **Wera** | Model: **05022130001**

## **1. INTRODUCTION**

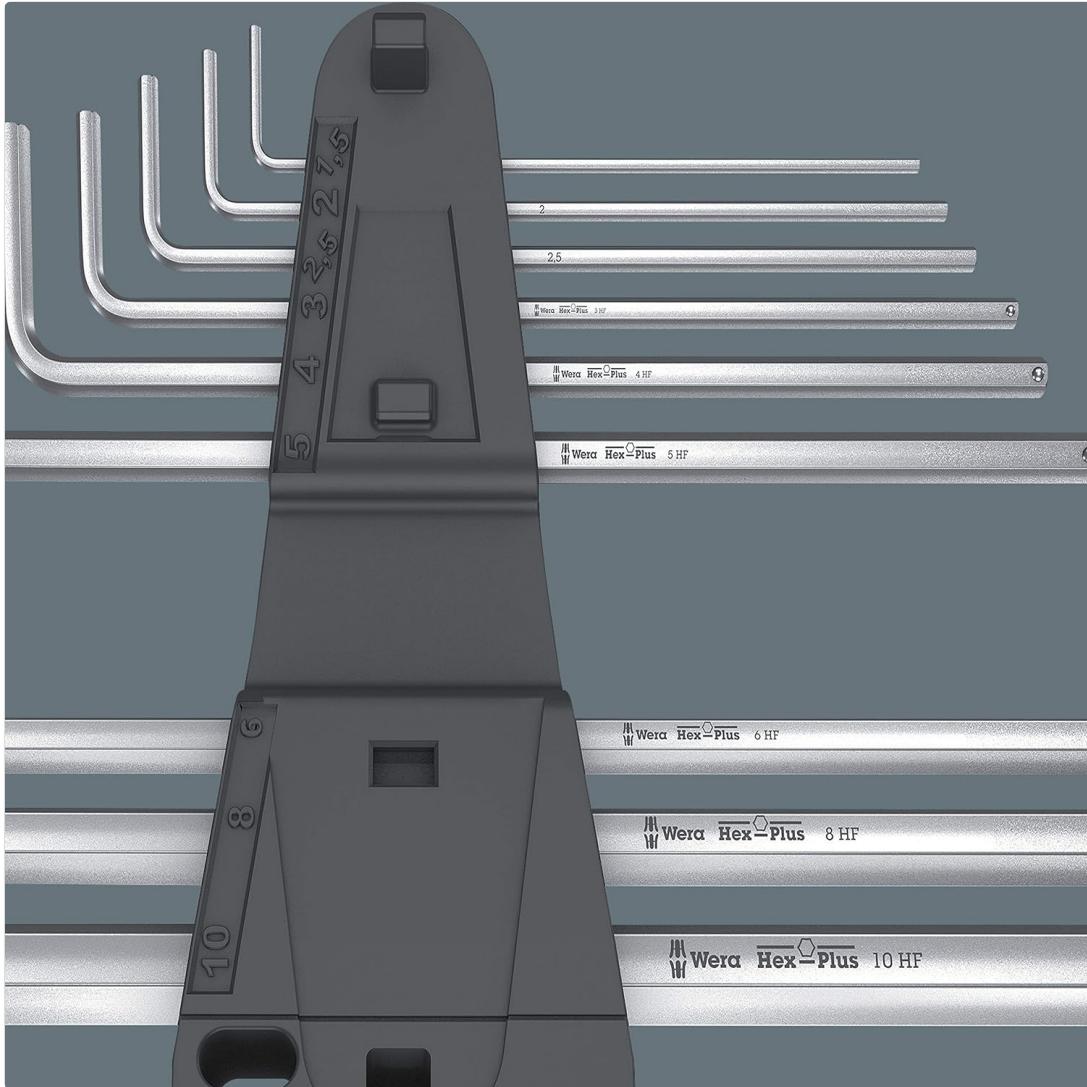
This manual provides essential information for the safe and effective use of your Wera 950/9 L Hex-Plus HF 1 Hex Key Set. Please read these instructions carefully before using the tools and retain them for future reference.



*Image 1.1: The Wera 950/9 L Hex-Plus HF 1 Hex Key Set, featuring multiple sizes in a convenient holder.*

## **2. KEY FEATURES**

- **Hex-Plus Profile:** The Hex-Plus profile provides a larger contact surface inside the screw head, reducing the notching effect and minimizing the risk of rounding off the screw head. This design allows for higher torque transmission.



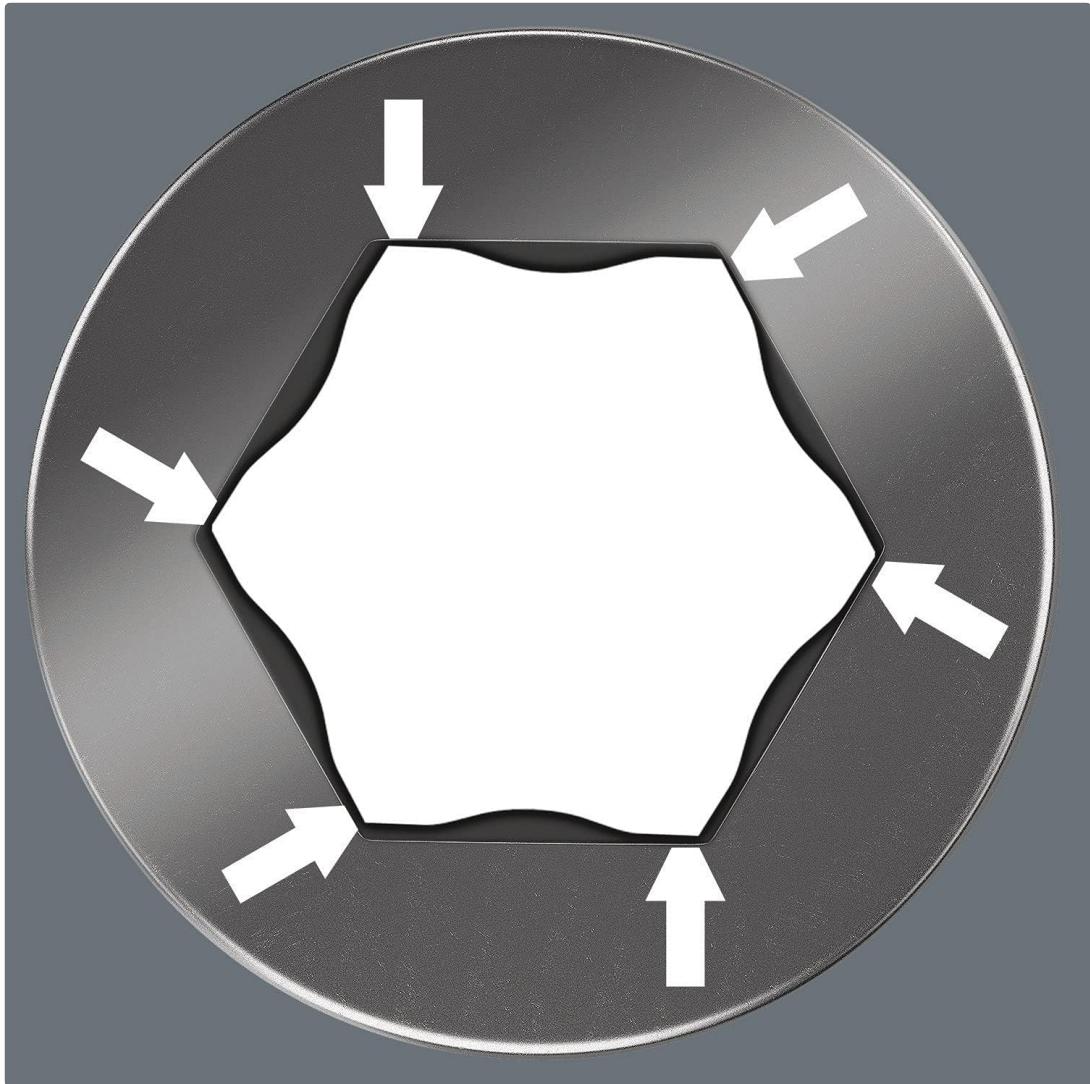
*Image 2.1: Visual representation of the Hex-Plus profile's enhanced contact area within a screw head.*

- **Holding Function (HF):** The L-keys feature a holding function on the long arm, which securely holds screws on the tool. This is particularly useful in tight spaces or when working overhead, preventing screws from falling.



*Image 2.2: A hex key demonstrating the holding function, keeping a screw firmly attached to the tool tip.*

- **Color-Coded Sleeves:** Each L-key is color-coded by size, allowing for quick and easy identification of the correct tool. This "Take it easy" tool finder system saves time and effort.
- **Ball End on Short Arm:** The short arm of the L-keys features a ball end, enabling the user to pivot the tool and work at an angle, even in confined spaces.
- **Robust Material:** Manufactured from high-grade steel for exceptional strength and durability, ensuring a long service life.
- **L-Key Clip:** The set comes with a practical clip for organized storage and easy access to all L-keys.



*Image 2.3: The L-key clip provides secure and organized storage for the hex key set.*

### 3. SETUP

The Wera 950/9 L Hex-Plus HF 1 Hex Key Set is designed for immediate use. No complex assembly is required.

1. **Unpack:** Carefully remove the hex key set from its packaging.
2. **Familiarize:** Observe the color-coding on each L-key. Each color corresponds to a specific size, as indicated on the tool and the holder.
3. **Storage:** Keep the L-keys securely in their provided clip holder when not in use to maintain organization and prevent loss.

*Image 3.1: Packaging details showing the included hex key sizes and product code.*

## 4. OPERATING INSTRUCTIONS

1. **Select the Correct Size:** Identify the appropriate hex key size for your screw by matching the color-coding or checking the size markings on the tool.
2. **Insert the Key:**
  - For standard access, insert the short arm (with the ball end) into the screw head.
  - For maximum torque or when using the holding function, use the long arm. The holding function will securely grip the screw.
3. **Apply Torque:** Turn the hex key clockwise to tighten or counter-clockwise to loosen the screw. Ensure a firm grip and apply steady pressure to prevent slippage.
4. **Working at an Angle:** When using the ball end, you can insert the key into the screw head at an angle (up to 25 degrees) to reach fasteners in awkward positions.

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*Video 4.1: Product Overview Video demonstrating the features and use of the Wera Hex-Plus L-key set. This video highlights the Hex-Plus design, holding function, and color-coded sleeves for efficient operation.*

## 5. MAINTENANCE

- **Cleaning:** After use, wipe the hex keys clean with a dry cloth to remove any dirt, grease, or debris. For stubborn grime, a mild cleaning solution can be used, followed by thorough drying.
- **Storage:** Always store the hex keys in their original clip holder in a dry environment to prevent rust and corrosion. Avoid exposing them to excessive moisture or extreme temperatures.
- **Inspection:** Periodically inspect the tips of the hex keys for any signs of wear, deformation, or damage. Damaged tools should be replaced to ensure safe and effective operation and prevent damage to fasteners.

## 6. TROUBLESHOOTING

- **Problem:** Hex key slips in screw head.
  - **Solution:** Ensure you are using the correct size hex key. The Hex-Plus profile is designed to minimize slippage, but an incorrect size or a severely damaged screw head can still cause issues. Replace worn screw heads if necessary.
- **Problem:** Screw is difficult to loosen/tighten.
  - **Solution:** Apply steady, increasing pressure. For very tight screws, ensure the hex key is fully seated in the screw head to maximize contact and prevent rounding. Avoid sudden jerking motions.

- **Problem:** Hex key feels loose in the holder.
  - **Solution:** Check if the L-key clip mechanism is fully engaged. If the holder is damaged or excessively worn, it may need to be replaced to ensure secure storage.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	05022130001
Brand	Wera
Material	Blend (High-grade steel)
Measurement Standard	Metric
Number of Items	1 (set of 9 L-keys)
Item Weight	16 ounces
Item Length	6 Inches (individual keys vary)
Head Style	Hex-Plus
End Style	Hex End (with ball end on short arm)
Included Components	950/9 L Hex-Plus HF 1 (set of L-keys)
GTIN	<a href="#">4013288207227</a>

## 8. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools.
- Ensure the hex key is fully seated in the fastener head before applying torque to prevent slippage and potential injury.
- Do not use hex keys that are damaged, worn, or corroded. Replace them immediately.
- Do not use hex keys as prying tools or for any purpose other than their intended use.
- Keep tools out of reach of children.

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Wera website or contact your authorized Wera dealer. Keep your proof of purchase for any warranty claims.

Visit the official Wera Store:[Wera Store on Amazon](#)

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