

Wiha 94400

Wiha 94400 12 Piece Color Coded Magnetic Nut Setter SAE-Metric Set Instruction Manual

Model: 94400

1. INTRODUCTION

This manual provides instructions for the proper use and maintenance of your Wiha 94400 12 Piece Color Coded Magnetic Nut Setter SAE-Metric Set. This set is designed for efficient and secure fastening applications, featuring high-visibility color coding and industrial-strength magnetic tips.

2. PRODUCT OVERVIEW

The Wiha 94400 set includes 12 magnetic nut setters, comprising both SAE and Metric sizes, housed in a durable roll-up canvas pouch for organized storage and transport.

2.1 Included Components

- **SAE Sizes:** 1/4-inch, 5/16-inch, 3/8-inch, 7/16-inch, 1/2-inch, 9/16-inch
- **Metric Sizes:** 8mm, 10mm, 11mm, 12mm, 13mm, 14mm

2.2 Key Features

- **Color Coding:** High-visibility color coding and laser-engraved size callouts for quick identification.
- **Magnetic Tip:** Industrial-strength magnetic tip securely retains fasteners for one-handed operation.
- **Impact Rated:** Rated for impact use up to 700 in/lbs, suitable for Li-ion impact drivers.
- **Precision Fit:** Exact fit precision machined tip reduces fastener cam-out.
- **Extended Reach:** 6-inch (152mm) overall length for access in limited spaces.
- **Durable Construction:** Cold forged from Chromium-molybdenum alloy steel (CrMo) with a black oxide finish for strength, durability, and corrosion protection.
- **Universal Compatibility:** Standard 1/4-inch hex drive for wide application.

2.3 Product Visuals



Image 1: The complete Wiha 94400 nut setter set, neatly organized within its black roll-up canvas pouch. Each nut setter is visible, showcasing its color-coded band and size marking.



Image 2: A close-up view of the six metric nut setters from the Wiha 94400 set. Each nut setter features a distinct color band and laser-engraved size (8mm, 10mm, 11mm, 12mm, 13mm, 14mm) for easy identification.



Image 3: A close-up view of the six SAE nut setters from the Wiha 94400 set. Each nut setter displays a unique color band and laser-engraved size (1/4", 5/16", 3/8", 7/16", 1/2", 9/16") for quick selection.



Image 4: The durable black canvas roll-up pouch for the Wiha 94400 set, shown in its closed and rolled-up state, featuring the Wiha logo and slogan "Tools that work for you".



Image 5: Several Wiha 94400 nut setters laid out on a wooden surface, highlighting their distinct color bands, Wiha branding, and size markings. This view emphasizes the visual differentiation between sizes.



Image 6: A blue Wiha nut setter in active use, reaching into a confined engine compartment to fasten a bolt. This demonstrates the extended reach and utility in limited access environments.



Image 7: A red Wiha nut setter engaged with a fastener on a mechanical component, illustrating its secure grip and precision fit during operation.

3. SETUP

1. **Unpack:** Carefully unroll the canvas pouch to access the nut setters.
2. **Inspect:** Before first use, inspect each nut setter for any visible damage or manufacturing defects.
3. **Select Size:** Identify the required nut setter size (SAE or Metric) using the color coding and laser-engraved markings on each tool.
4. **Attach to Driver:** Insert the 1/4-inch hex drive end of the selected nut setter into a compatible power tool (e.g., impact driver) or hand driver. Ensure it is securely seated.

4. OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective use of your Wiha nut setters:

1. **Fastener Engagement:** Place the magnetic tip of the nut setter onto the fastener. The industrial-strength magnet will

securely hold the fastener, allowing for one-handed operation. The beveled rim on the socket opening facilitates easy engagement.

2. **Driving:** Apply steady, even pressure while operating your power tool or hand driver. The precision-machined tip is designed for an exact fit, reducing the risk of cam-out and damage to the fastener or material.
3. **Impact Use:** These nut setters are impact-rated up to 700 in/lbs. When using with impact drivers, ensure the tool is set to an appropriate torque for the fastener and application to prevent overtightening or damage.
4. **Tight Spaces:** The 6-inch (152mm) overall length provides extended reach, making these nut setters suitable for applications in limited access environments.
5. **Fastener Protection:** The radiused corners of the nut setters are designed to prevent rounding off the corners of hexagonal fasteners, preserving their integrity.

Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using power tools.
- Ensure the nut setter is fully engaged with the fastener before applying torque.
- Do not exceed the recommended torque for the fastener or the impact rating of the nut setter.
- Keep hands and loose clothing clear of rotating parts.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Wiha nut setters:

- **Cleaning:** After each use, wipe down the nut setters with a clean, dry cloth to remove dirt, grease, or debris.
- **Corrosion Protection:** The black oxide finish and clear-coated openings provide corrosion protection. Avoid exposing the tools to excessive moisture or corrosive substances. If exposed, clean and dry immediately.
- **Storage:** Store the nut setters in their provided roll-up canvas pouch in a dry environment. This protects them from damage and keeps them organized.
- **Inspection:** Periodically inspect the magnetic tips and hex drives for wear or damage. Replace any damaged nut setters to ensure optimal performance and safety.

6. TROUBLESHOOTING

If you encounter issues with your nut setter set, consider the following:

- **Fastener Not Holding Securely:**
 - Ensure the correct size nut setter is being used for the fastener.
 - Check if the magnetic tip is clean and free of debris that might interfere with its magnetic hold.
- **Nut Setter Slipping or Cam-out:**
 - Verify that the nut setter size matches the fastener head precisely.
 - Apply adequate, consistent pressure during operation to maintain full engagement.
 - Inspect the nut setter tip for wear; a worn tip may lose its precision fit.
- **Difficulty Engaging Fastener:**
 - Ensure the fastener head is clean and free of obstructions.
 - The beveled rim is designed for easy engagement; if difficulty persists, check for damage to the nut setter opening.

7. SPECIFICATIONS

Specification	Detail
Model Number	94400
Brand	Wiha
Number of Pieces	12
Included Sizes	SAE: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16" Metric: 8mm, 10mm, 11mm, 12mm, 13mm, 14mm
Overall Length	6 inches (152mm)
Drive Bit Shank Style	1/4-inch Hex
Material	Chromium-molybdenum alloy steel (CrMo)
Finish Type	Black Oxide
Impact Rating	Up to 700 in/lbs
Item Weight	2.2 pounds
UPC	084705944005

8. WARRANTY AND SUPPORT

The Wiha 94400 Nut Setter Set is backed by the **Wiha No Hassle Guarantee**. For detailed warranty information, product support, or to contact customer service, please visit the official Wiha website or refer to the warranty documentation included with your purchase.

Note: Specific warranty terms and conditions may apply.

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