## Wiha 70486

# Wiha 70486 Magnetic Nut Setter Set Instruction Manual

**Brand:** Wiha | **Model:** 70486

## 1. Introduction

The Wiha 70486 Magnetic Nut Setter Set is a 6-piece SAE set designed for efficient fastening applications. These nut setters feature high-visibility color-coding and laser-engraved size callouts for quick identification. Constructed from premium quality CrMo tool steel, they offer strength and durability for repetitive use and are impact-rated for power tools. Industrial-strength magnets securely retain fasteners, enabling one-handed operation. With a standard 1/4-inch hex drive and a 6-inch overall length, they are suitable for various applications, including those in limited access environments. The set includes common SAE sizes: 1/4, 5/16, 3/8, 7/16, 1/2, and 9/16-inch. Precision-formed tips ensure an exact fit, reducing cam-out, and a durable black oxide finish provides corrosion protection. The socket openings feature a beveled rim for easy fastener engagement and a broached, smooth finish for prolonged life.

## 2. Key Features

- **6-Piece SAE Set:** Includes 1/4, 5/16, 3/8, 7/16, 1/2, 9/16-inch nut setters.
- **High-Visibility Color Coding:** Enables quick and easy size identification.
- **Industrial Strength Magnetic Tip:** Ensures secure fastener retention for one-handed work.
- **Impact Rated:** Designed for maximum performance with Li-ion impact drivers, rated up to 700 in/lbs.
- **Exact Fit Precision Machined Tip:** Reduces cam-out for improved fastening.
- **6-Inch Overall Length:** Provides extended reach for various applications.
- **CrMo Alloy Steel Construction:** Cold forged for strength and durability.
- **Durable Black Oxide Finish:** Offers corrosion protection.
- **Radiused Corners:** Prevents fastener head round-off.




Image: Key features of the Wiha 70486 Nut Setter Set, including magnetic tip, color coding, precision, and impact rating.




Image: The 6-piece SAE set with individual color-coded nut setters and their corresponding sizes, emphasizing impact rating.

## 3. Setup

The Wiha 70486 Magnetic Nut Setter Set is designed for use with standard 1/4-inch hex drive power tools, such as impact drivers. To set up, ensure your power tool is compatible with a 1/4-inch hex shank. Select the appropriate SAE size nut setter for your fastener. Insert the hex shank of the nut setter firmly into the chuck of your impact driver until it locks securely into place. Verify that the nut setter is properly seated and stable before beginning operation.




Image: A Wiha nut setter inserted into an impact driver, demonstrating proper setup for fastening.

## 4. Operating Instructions

Once the nut setter is securely installed in your impact driver, place the magnetic tip onto the head of the fastener. The industrial-strength magnet will hold the fastener in place, allowing for convenient one-handed operation. Apply steady, even pressure to the impact driver and activate the tool to drive or remove the fastener. The impact-rated design ensures optimal performance and durability even under high torque applications. Always ensure the nut setter is perpendicular to the fastener to prevent stripping or damage.



Image: A close-up view of a Wiha nut setter in action, driving a fastener into a wooden surface.

### Official Product Video

Your browser does not support the video tag.

Video: An official Wiha video showcasing the features and benefits of the Color Coded Nut Setters, demonstrating their use in various applications.

## 5. Maintenance

To ensure the longevity and optimal performance of your Wiha Magnetic Nut Setter Set, regularly inspect each nut setter for signs of wear, damage, or corrosion. The durable black oxide finish provides protection against corrosion, but it is recommended to wipe the tools clean after each use to remove any debris, moisture, or corrosive substances. Store the nut setters in a dry environment, preferably in their original packaging or a suitable tool organizer, to prevent loss and protect them from environmental elements. The broached and smooth finish of the socket openings helps prolong life; avoid using excessive force that could deform the openings.

## 6. Troubleshooting

- **Fastener Slipping (Cam-Out):** Ensure the nut setter size precisely matches the fastener head. The exact fit precision machined tips are designed to reduce cam-out, but improper sizing or angle can still cause slippage. Apply firm, consistent pressure.
- **Fastener Head Round-Off:** This can occur if the nut setter is not fully engaged with the fastener or if excessive rotational force is applied at an angle. The radiused corners are designed to protect fasteners, but always ensure proper alignment and avoid over-tightening.
- **Nut Setter Not Holding Fastener:** The industrial-strength magnetic tip should securely hold fasteners. If a nut setter is not holding a fastener, check for any debris obstructing the magnetic surface or if the magnet has been demagnetized due to extreme conditions.

- **Difficulty Inserting into Power Tool:** Ensure the 1/4-inch hex drive shank is clean and free of obstructions. Confirm your power tool's chuck is fully open and functioning correctly.

## 7. Specifications

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|---|---|
| **Brand** | Wiha |
| **Model Number** | 70486 |
| **Item Length** | 6 Inches (152mm) |
| **Material** | Chromium-molybdenum Alloy Steel (CrMo) |
| **Finish Type** | Black Oxide, Brushed |
| **Number of Pieces** | 6 |
| **Drive System** | Nutsetter |
| **Drive Bit Shank Style** | 1/4-inch Hex |
| **Compatible Fastener Range** | SAE: 1/4, 5/16, 3/8, 7/16, 1/2, 9/16-inch |
| **Impact Rating** | Up to 700 in/lbs |
| **Special Features** | Color-coded, Magnetic Tip, Precision Machined, Radiused Corners |
| **Item Weight** | 1.15 pounds |

## 8. Warranty and Support

Wiha provides a warranty for its products. However, please note that **consumables are not covered under warranty**. This includes items such as bits, tweezers, and ceramic drivers. For specific warranty details or support inquiries, please refer to the official Wiha website or contact their customer service directly.


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