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Wiha 74986

WIHA 74986 Hex Inch and Metric Power Bit Set with Holder, 10-Piece User Manual

Model: 74986 | Brand: Wiha

1. INTRODUCTION

The Wiha 74986 Hex Power Bit Belt Pack is a comprehensive 10-piece set designed for various fastening applications. This set includes a selection of both inch and metric hex bits, conveniently organized in a durable molded holder with a belt loop for easy portability and access. It is engineered for precision and durability, suitable for use with power tools.



Image 1.1: The complete Wiha 74986 Hex Inch and Metric Power Bit Set, showcasing the 10 bits neatly arranged in their black molded holder.

2. COMPONENTS INCLUDED

The Wiha 74986 set includes the following components:

- **Inch Hex Power Bits:**

- 1/8 inch
- 9/64 inch
- 5/32 inch
- 3/16 inch
- 7/32 inch
- 1/4 inch

- **Metric Hex Power Bits:**

- 3.0 mm

- 4.0 mm
 - 5.0 mm
 - 6.0 mm
- Molded Bit Holder with Belt Loop

3. SETUP AND PREPARATION

Before using the hex power bits, ensure proper setup for safe and effective operation.

1. **Select the Correct Bit:** Identify the appropriate hex bit size (inch or metric) that matches the fastener you intend to drive or remove. Using the wrong size can damage both the bit and the fastener.
2. **Insert into Power Tool:** Insert the selected hex power bit into the chuck of your power drill or impact driver. Ensure the bit is fully seated and securely tightened in the chuck to prevent slippage during operation.
3. **Verify Secure Connection:** Gently pull on the bit to confirm it is firmly held by the tool's chuck. A loose bit can cause injury or damage.



4. OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe use of the Wiha hex power bits:

- **Safety First:** Always wear appropriate personal protective equipment (PPE), including safety glasses, when operating power tools.
- **Align Bit with Fastener:** Position the hex bit squarely into the head of the fastener. Ensure full engagement to prevent cam-out and damage to the fastener head or bit.
- **Apply Consistent Pressure:** Apply firm, consistent pressure along the axis of the fastener while operating the power tool. This helps maintain engagement and prevents stripping.
- **Control Speed:** Start with a lower speed setting on your power tool, especially when beginning to drive a fastener or working with delicate materials. Increase speed as needed, but avoid excessive speed which can generate heat and wear.
- **Avoid Over-tightening:** Be mindful of the torque applied. Over-tightening can strip threads or damage the material. For critical applications, use a torque-limiting driver.
- **Removing Fasteners:** When removing fasteners, ensure the bit is fully engaged and apply steady counter-clockwise rotation.

5. CARE AND MAINTENANCE

Proper care extends the life of your Wiha hex power bits:

- **Cleaning:** After use, wipe down bits with a clean, dry cloth to remove any debris, dust, or residue. Avoid using harsh chemicals that could corrode the material.
- **Storage:** Always store the bits in their provided molded holder. This protects them from damage, keeps them organized, and prevents loss. Store in a dry environment to prevent rust.
- **Inspection:** Periodically inspect bits for signs of wear, such as rounded edges, cracks, or deformation. Worn bits should be replaced to prevent damage to fasteners and ensure safety.
- **Lubrication (Optional):** For certain applications or to prevent rust in high-humidity environments, a light coat of tool oil can be applied to the bits before storage.

6. TROUBLESHOOTING

Refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
Bit slips or cam-out from fastener head.	Incorrect bit size; insufficient pressure; worn bit; misaligned bit.	Ensure correct bit size. Apply firm, consistent axial pressure. Replace worn bits. Ensure bit is squarely aligned with fastener.
Fastener head strips or rounds out.	Incorrect bit size; excessive torque; worn bit; bit not fully engaged.	Verify correct bit size. Reduce torque or use a torque-limiting driver. Replace worn bits. Ensure full bit engagement.
Bit breaks or chips.	Excessive force; side loading; impact with hard surface; material fatigue.	Avoid excessive force. Apply force axially, not at an angle. Replace damaged bits. Ensure proper application for bit type.
Bits are difficult to remove from holder.	Tight fit; debris in holder slots.	Gently wiggle and pull. Clean holder slots if debris is present.

7. SPECIFICATIONS

Key specifications for the Wiha 74986 Hex Inch and Metric Power Bit Set:

- **Model Number:** 74986
- **Brand:** Wiha
- **Number of Pieces:** 10
- **Included Inch Sizes:** 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"
- **Included Metric Sizes:** 3.0mm, 4.0mm, 5.0mm, 6.0mm
- **Drive System:** External Hex
- **Material:** Blend (Chrome-Vanadium, 59-61 HRC hardness as indicated on holder)
- **Finish Type:** Brushed
- **Product Dimensions:** Approximately 1 x 1 x 1 inches (packaging/holder)
- **Item Weight:** Approximately 4.8 ounces
- **UPC:** 084705749860

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Wiha website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Wiha Official Website: www.wiha.com

Customer Service: Refer to the contact section on the official website for phone numbers or email support.

