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STANLEY J46232

Proto - Long Arm Hex Key - 1/2" (J46232) User Manual

Model: J46232 | Brand: STANLEY

1. INTRODUCTION

This manual provides essential information for the safe and effective use, maintenance, and care of your Proto Long Arm Hex Key 1/2" (J46232). Please read this manual thoroughly before using the tool and retain it for future reference.

2. PRODUCT OVERVIEW

The Proto Long Arm Hex Key 1/2" (J46232) is a durable hand tool designed for tightening and loosening hexagonal socket screws. It features a long arm for extended reach and increased torque, and a short arm for applications requiring less leverage or in confined spaces. The tool is heat-treated for durability and finished with a rust-resistant black oxide coating.



Figure 1: The Proto Long Arm Hex Key 1/2" (J46232). This image shows the L-shaped hex key, highlighting its long and short arm design, essential for various fastening tasks.

3. FEATURES

- **Hex Bit Size:** 1/2 inch
- **Long Arm Length:** 8-1/4 inches for extended reach and leverage.
- **Short Arm Length:** 1-5/8 inches for applications in tight spaces.
- **Durability:** Heat-treated construction ensures long-lasting performance.
- **Corrosion Resistance:** Rust-resistant black oxide finish protects against environmental wear.
- **Material:** Blend (as per specifications).
- **Head Style:** Hex.

4. SPECIFICATIONS

Attribute	Detail
Brand	STANLEY
Model Number	J46232
Hex Bit Size	1/2 inch
Long Arm Length	8-1/4 inches
Short Arm Length	1-5/8 inches
Material	Blend
Finish Type	Black Oxide, Brushed
Item Weight	9.6 ounces
Product Dimensions	1 x 1 x 1 inches (Packaging/Overall)
UPC	662679534516

5. SETUP

The Proto Long Arm Hex Key (J46232) requires no assembly or complex setup. It is ready for immediate use upon removal from its packaging.

1. **Unpack:** Carefully remove the hex key from its packaging.
2. **Inspect:** Before first use, inspect the hex key for any signs of damage or manufacturing defects. Do not use if the tool appears damaged.
3. **Clean:** Wipe down the tool with a clean, dry cloth if necessary to remove any packaging residue.

6. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your hex key:

1. **Select the Correct Size:** Ensure the 1/2" hex key matches the size of the hexagonal socket screw you intend to work with. Using an incorrect size can strip the fastener or damage the tool.
2. **Insert Fully:** Insert the hex key fully into the fastener's socket. Ensure it is seated completely to prevent cam-out and damage.
3. **Apply Torque:**
 - For maximum leverage and torque, use the *long arm* of the hex key.
 - For applications in confined spaces or when less torque is required, use the *short arm*.
4. **Turn:** Rotate the hex key clockwise to tighten or counter-clockwise to loosen the fastener. Apply steady, even pressure.
5. **Avoid Over-tightening:** Do not apply excessive force beyond what is necessary, as this can damage the fastener or the tool.

Safety Precaution: Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools. Do not use the hex key as a pry bar or chisel.

7. MAINTENANCE

Proper maintenance will extend the life of your Proto Hex Key:

- **Cleaning:** After each use, wipe the hex key clean with a dry cloth to remove dirt, grease, or debris.
- **Rust Prevention:** Although rust-resistant, storing the tool in a dry environment is recommended. For long-term storage, a light coat of rust-preventative oil can be applied.
- **Inspection:** Periodically inspect the hex key for signs of wear, bending, or damage. Replace the tool if it shows significant wear or damage to prevent injury or fastener stripping.
- **Storage:** Store the hex key in a tool box or on a tool rack to protect it from impacts and moisture.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hex key slips or strips fastener head.	Incorrect size used; hex key not fully inserted; worn hex key; stripped fastener.	Ensure correct 1/2" size; fully insert tool; replace worn hex key; use a fastener extractor for stripped fasteners.
Hex key bends or breaks.	Excessive force applied; using tool as pry bar; manufacturing defect.	Do not apply excessive force; use tool for intended purpose only; contact support if defect is suspected.
Rust appears on tool.	Exposure to moisture; improper storage.	Clean and dry tool after use; store in a dry place; apply rust-preventative oil.

9. OFFICIAL PRODUCT VIDEO



Video: PROTO - MIUSA FINAL. This video provides an overview of the manufacturing process and commitment to quality for Proto tools, including the type of tools like this hex key.

10. WARRANTY AND SUPPORT

Specific warranty information for the Proto Long Arm Hex Key (J46232) is typically provided at the point of purchase or on the product packaging. For detailed warranty terms and conditions, please refer to the documentation included with your purchase or visit the official STANLEY website.

For product support, technical assistance, or to inquire about warranty claims, please contact STANLEY customer service. Contact information can usually be found on the product packaging or the official STANLEY website: www.stanleytools.com.

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Related Documents - J46232

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<p>STANLEY</p> <p>CO25 HYDRAULIC CUT-OFF SAW</p>  <p>USER MANUAL Safety, Operation and Maintenance</p> <p>CE</p>	<p>STANLEY CO25 Hydraulic Cut-Off Saw User Manual</p> <p>This user manual provides comprehensive safety, operation, and maintenance instructions for the STANLEY CO25 Hydraulic Cut-Off Saw. It includes specifications, troubleshooting, and parts information.</p>
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