Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Eklind Tool 25161

Eklind Tool 25161 Metric Ergo-Fold Hex Key Set User Manual

Model: 25161 | Brand: Eklind Tool

1. Introduction

This user manual provides essential information for the safe and effective use of your Eklind Tool 25161 Metric Ergo-Fold Hex Key Set. This high-quality, industrial-grade tool is designed for driving internal hexagon socket (allen head) fasteners. Please read this manual thoroughly before using the product to ensure proper operation and longevity.

2. Product Overview

The Eklind Tool 25161 is a large metric fold-up hex key set featuring a durable plastic handle and six essential metric sizes. Its ergonomic design provides comfort and leverage for various applications.

2.1 Key Features

- **Metric Sizes Included:** 3mm, 4mm, 5mm, 6mm, 8mm, and 10mm.
- **Ergo-Fold Design:** Features an ergonomic hard plastic shell with a soft plastic cushion grip for comfort, slip resistance, and safety.
- **Optimum Strength:** Keys are made from EKLIND Alloy Steel, heat-treated, quenched, and tempered for superior strength, torque, and ductility.
- **Rust Resistant Finish:** All hex keys are coated for enhanced durability and corrosion protection.
- **Size Identification:** Metric sizes are color-coded in blue on the handle for quick and easy identification.
- **Versatile Use:** Keys can fold out to a right angle for maximum leverage or extend straight for a screwdriver-like grip.
- **Made in USA:** High-quality, industrial-grade professional tools manufactured in the U.S.A.

2.2 Package Contents

- 1 x Eklind Tool 25161 Metric Ergo-Fold Hex Key Set (containing 6 hex keys)
- 1 x Instruction Guide (this manual)

3. Setup and Operation

The Eklind Ergo-Fold Hex Key Set is designed for straightforward use. Follow these steps for optimal performance:

3.1 Unfolding the Hex Keys

To access a specific hex key, gently pull the desired key from the handle. The flat spring in the case bottom holds keys at any angle, allowing you to select the required key and position it for use. For smaller keys, it may be necessary to partially unfold larger keys to gain access.



Figure 3.1: The Eklind Ergo-Fold Hex Key Set with all hex keys extended from the handle, demonstrating the folding mechanism.

3.2 Using the Hex Keys

1. **Select the Correct Size:** Identify the appropriate metric hex key size (3mm, 4mm, 5mm, 6mm, 8mm, or 10mm) that matches the fastener you intend to drive. The blue color-coding on the handle helps distinguish metric sizes.
2. **Position the Key:** Insert the hex key fully into the internal hexagon socket of the fastener. Ensure a snug fit to prevent stripping the fastener head or damaging the tool.
3. **Apply Torque:**
    - For maximum leverage, position the hex key at a right angle (90 degrees) to the handle. This configuration is ideal for tightening or loosening stubborn fasteners.

- For quick turns or in confined spaces, extend the hex key straight out from the handle, similar to a screwdriver.

4. **Rotate:** Turn the handle clockwise to tighten or counter-clockwise to loosen the fastener. Apply steady, even pressure.

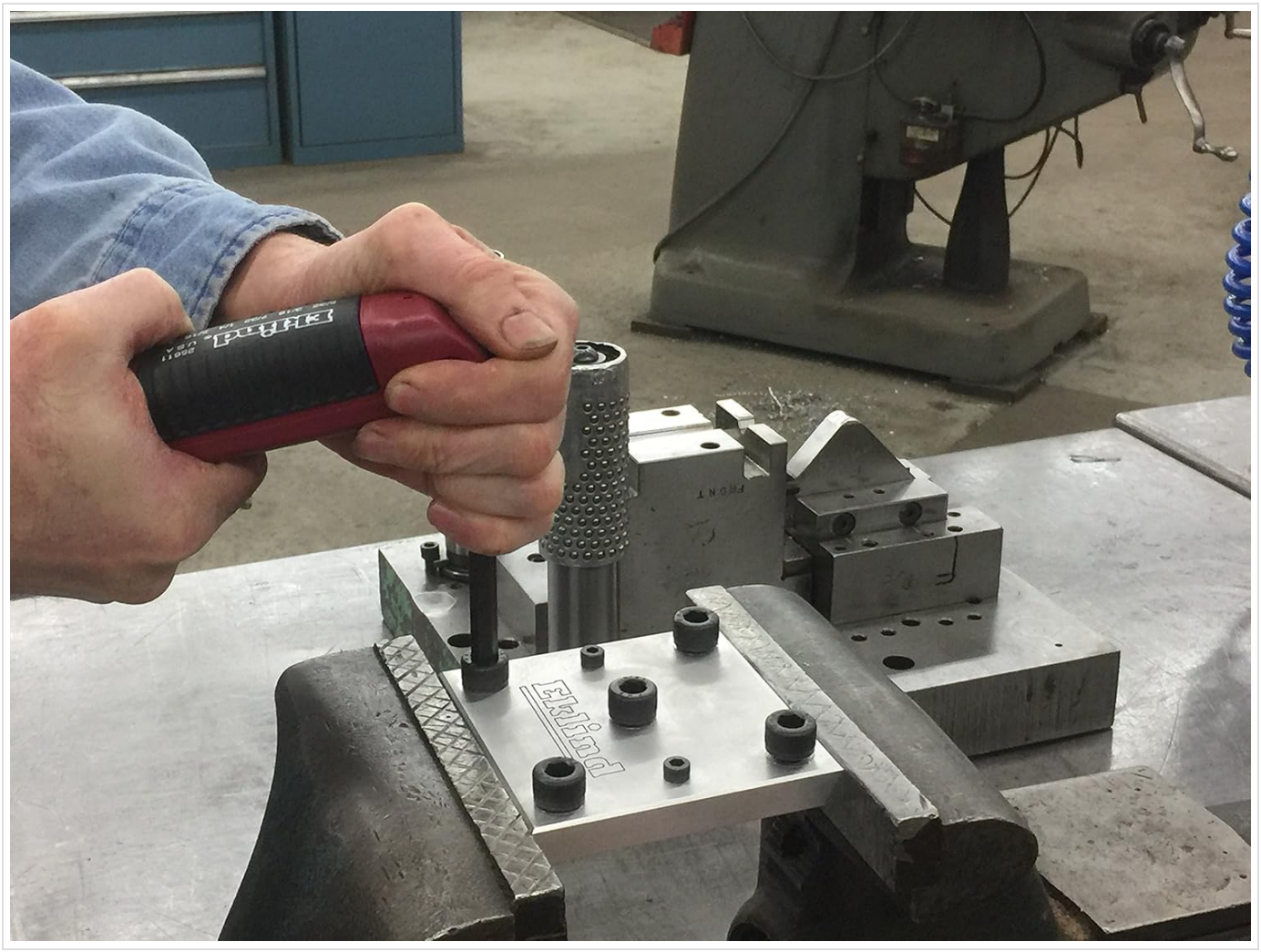


Figure 3.2: A user demonstrating the application of the Eklind hex key set to tighten a fastener on a work piece, highlighting the ergonomic grip.

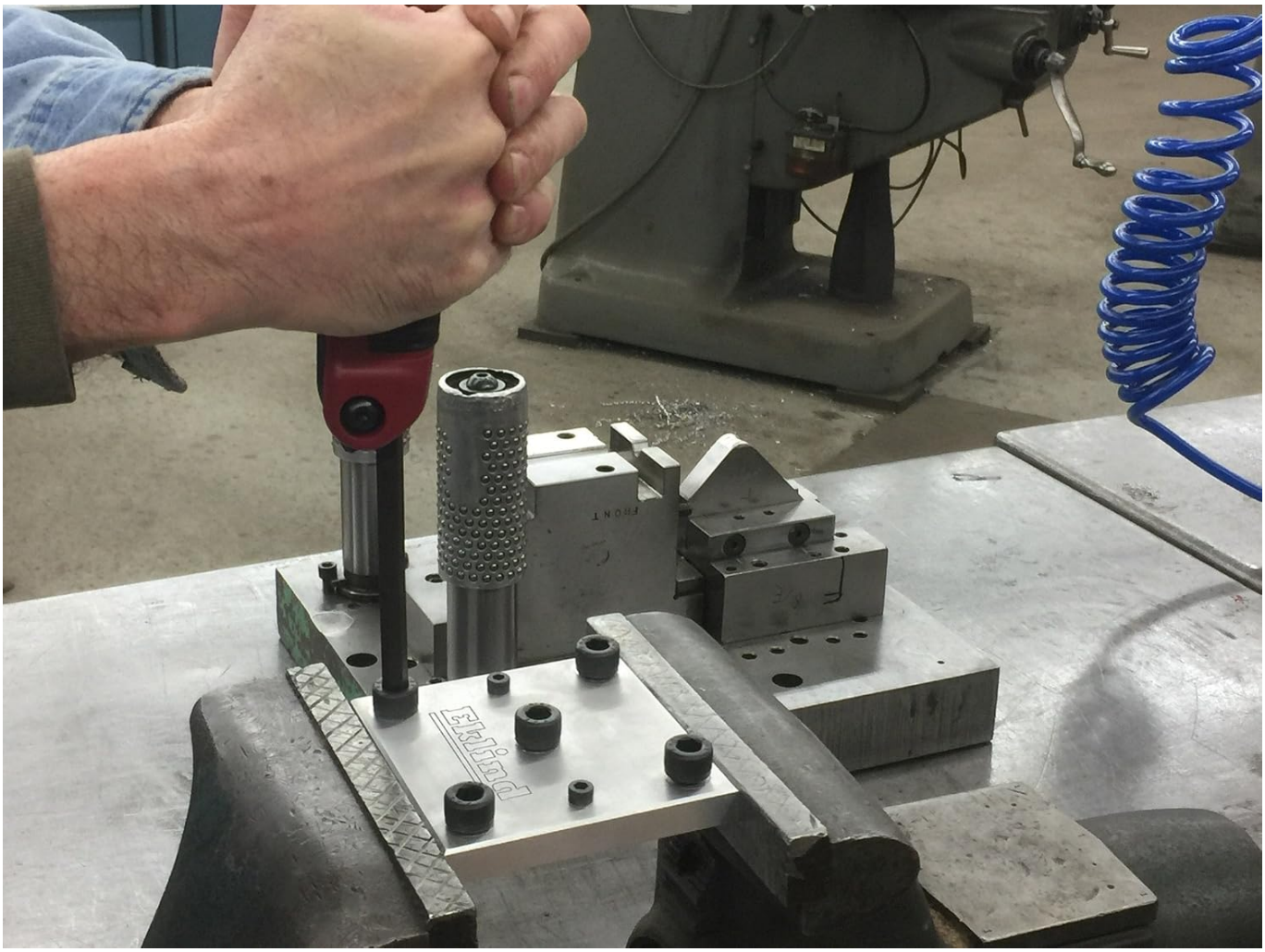


Figure 3.3: A closer view of the Eklind hex key set in use, showing the tool's engagement with a fastener and the user's hand position for leverage.

3.3 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), such as safety glasses, when using hand tools.
- Do not use hex keys that are worn, bent, or damaged.
- Never use a pipe or other extension on the hex key handle to increase leverage, as this can over-torque the fastener or damage the tool.
- Ensure the hex key is fully seated in the fastener head before applying torque to prevent cam-out and injury.
- Keep hands clear of moving parts and pinch points.

4. Maintenance

Proper maintenance will extend the life of your Eklind Tool hex key set.

- **Cleaning:** After each use, wipe down the hex keys and handle with a clean, dry cloth to remove dirt, grease, or debris.
- **Storage:** Store the tool in a dry environment to prevent rust, even though it has a rust-resistant finish. Keep it away from corrosive materials.
- **Inspection:** Periodically inspect the hex keys for signs of wear, such as rounded edges, bends, or cracks. Replace the set if any keys are significantly damaged.
- **Lubrication:** A light coat of machine oil can be applied to the metal keys if they are stored in a humid environment or for long periods, though the rust-resistant finish typically negates this need for normal use.

5. Troubleshooting

While the Eklind Ergo-Fold Hex Key Set is a simple and robust tool, minor issues can sometimes arise.

5.1 Common Issues and Solutions

Problem	Possible Cause	Solution
Hex key slips in fastener head.	Incorrect size used, worn hex key, or stripped fastener head.	Ensure correct hex key size is used. Inspect hex key for wear; replace if necessary. If fastener head is stripped, specialized tools may be required for removal.
Difficulty unfolding keys.	Dirt or debris in the hinge mechanism, or keys are stiff from newness.	Clean the hinge area. Apply a small amount of light lubricant if necessary. Work the keys back and forth to loosen.
Rust spots appear on keys.	Exposure to moisture or corrosive substances.	Clean rust spots with a fine abrasive pad and apply a rust-inhibiting oil. Store in a dry environment.

6. Specifications

Attribute	Detail
Model Number	25161
Brand	Eklind Tool
Hex Key Sizes	3mm, 4mm, 5mm, 6mm, 8mm, 10mm
Measurement System	Metric
Material	EKLIND Alloy Steel (8650 Chrome Nickel Alloy Steel) with plastic handle
Finish	Rust Resistant Finish
Item Weight	12.8 ounces
Product Dimensions	1.9 x 1.9 x 0.8 inches (folded)
Head Style	Flat
Operation Mode	Mechanical
Power Source	Hand Powered
Compliance	Meets or exceeds ANSI, ASME, RoHS, REACH, CA Prop 65, and Dodd-Frank Conflict Minerals Legislation standards.

7. Warranty and Support

7.1 Warranty Information

Eklind Tool provides a **Lifetime Warranty** on this product. This warranty covers defects in material and workmanship under normal use. Please note that the lifetime warranty does not cover abuse or misuse of the tool.

7.2 Customer Support

For any questions, concerns, or warranty claims regarding your Eklind Tool 25161 Metric Ergo-Fold Hex Key Set, please contact Eklind Tool customer service. Refer to the official Eklind Tool website or product packaging for the most current contact information.

You can also visit the official Eklind Tool Store on Amazon for more information and products: Eklind Tool Store

© 2024 Eklind Tool. All rights reserved.
This manual is subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B000189S22

More documents and user manuals: **https://manuals.plus/**