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KTC HT108

KTC HT108 T-Shaped Hex Key Wrench 8mm User Manual

Model: HT108 | Brand: KTC

1. Introduction

This manual provides instructions for the safe and effective use of your KTC HT108 T-Shaped Hex Key Wrench. Please read this manual thoroughly before using the tool and retain it for future reference.
The KTC HT108 is designed for attaching and detaching hex bolts, particularly those located in deep or recessed areas. Its T-shaped handle facilitates quick turning and provides a comfortable grip for efficient operation.

2. Safety Information

- Always wear appropriate personal protective equipment, such as safety glasses, when using hand tools.
- Ensure the hex key size matches the bolt head to prevent stripping the fastener or damaging the tool.
- Do not use the wrench if it is damaged or worn. Inspect the tool before each use.
- Do not extend the handle with additional piping or leverage devices, as this can overload the tool and cause injury or damage.
- Keep hands and fingers clear of moving parts and pinch points.
- Store the tool in a dry, safe place, out of reach of children.

3. Product Overview

The KTC HT108 T-Shaped Hex Key Wrench features a durable metal construction with an ergonomic T-handle for improved grip and torque application.





Figure 1: KTC HT108 T-Shaped Hex Key Wrench. This image shows the overall design of the 8mm T-shaped hex key wrench with its blue handle and black shaft.

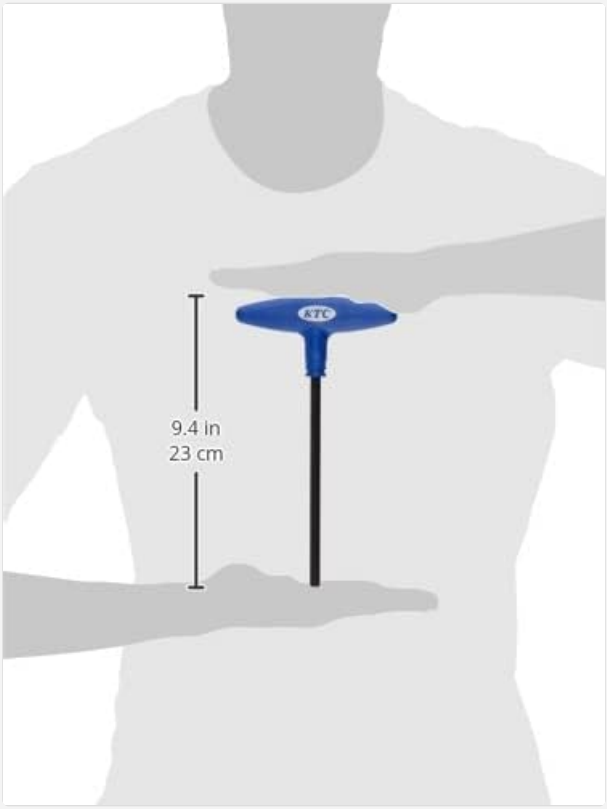

Figure 2: KTC HT108 T-Shaped Hex Key Wrench with dimensions. This image illustrates the approximate length of the wrench, indicating it is around 9.4 inches (23 cm) long.

4. Setup

The KTC HT108 T-Shaped Hex Key Wrench requires no assembly. It is ready for use directly out of the packaging.

1. **Inspect the Tool:** Before each use, visually inspect the wrench for any signs of damage, wear, or deformation. Ensure the hex tip is clean and free of debris.
2. **Identify Bolt Size:** Confirm that the 8mm hex key matches the size of the hex bolt you intend to work with. Using an incorrect size can damage both the bolt and the tool.

5. Operating Instructions

Follow these steps for effective and safe operation of your T-shaped hex key wrench:

1. **Insert the Wrench:** Fully insert the hex tip of the wrench into the head of the hex bolt. Ensure a snug fit to prevent slippage.
2. **Apply Torque:**
   - For loosening: Turn the T-handle counter-clockwise.
   - For tightening: Turn the T-handle clockwise.

   Apply steady, firm pressure. The T-handle design allows for quick rotation for initial loosening/tightening and provides leverage for final torque.
3. **Remove the Wrench:** Once the task is complete, carefully remove the wrench from the bolt head.

6. Maintenance

Proper maintenance ensures the longevity and performance of your KTC HT108 hex key wrench.

- **Cleaning:** After each use, wipe the wrench clean with a dry cloth to remove any dirt, grease, or debris. For stubborn grime, a mild solvent can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light coat of rust-preventative oil to the metal shaft to protect against corrosion, especially if stored in humid environments.
- **Storage:** Store the wrench in a tool box or on a tool rack in a dry, clean environment. Avoid storing it in areas with extreme temperatures or high humidity.
- **Inspection:** Regularly inspect the hex tip for signs of rounding or wear. A worn tip can damage fasteners. Replace the tool if significant wear is observed.

7. Troubleshooting

Most issues with a hex key wrench are related to improper use or wear.

Problem	Possible Cause	Solution
Wrench slips in bolt head	Incorrect wrench size; Worn bolt head; Worn wrench tip	Ensure correct 8mm size; Replace bolt if damaged; Replace wrench if tip is rounded.
Difficulty turning bolt	Bolt is seized or overtightened; Rust/corrosion	Apply penetrating oil; Use appropriate force without over-leveraging the tool.
Wrench shows signs of bending/damage	Excessive force applied; Improper use	Discontinue use immediately; Replace the tool.

8. Specifications

Brand: KTC

Model Number: HT108

Type: T-Shaped Hex Key Wrench

Hex Size: 8mm (0.3 inches)

Material: Metal

Total Length: 9.1 inches (230 mm)

Total Width (Handle): 5.1 inches (130 mm)

Item Weight: Approximately 115 grams (4.1 ounces)

Color: Black/Blue

Operation Mode: Manual

9. Warranty Information

Specific warranty details for KTC products may vary by region and retailer. Please refer to the original purchase documentation or contact your retailer for information regarding the warranty period and terms for your KTC HT108 T-Shaped Hex Key Wrench.

Generally, KTC tools are manufactured to high standards and are expected to be free from defects in material and

workmanship under normal use. Damage resulting from misuse, abuse, alteration, or normal wear and tear is typically not covered.

10. Support

For technical assistance, product inquiries, or warranty claims, please contact your authorized KTC dealer or the point of purchase. You may also visit the official KTC website for further information and contact options.
When contacting support, please have your product model number (HT108) and purchase details readily available.

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