

VIM HMMS32

VIM Tools 32 PC. Elite HEX Metric Master Set

Model: HMMS32 | Brand: VIM

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1. PRODUCT OVERVIEW

The VIM Tools 32 PC. Elite HEX Metric Master Set (Model HMMS32) is a comprehensive collection of high-quality hex and square drivers designed for professional and DIY applications. This set features 32 pieces crafted from durable S2 Steel, ensuring longevity and reliable performance. The drivers are finished in a satin gun metal grey for enhanced aesthetics and corrosion resistance. This manual provides essential information for the proper use, care, and maintenance of your tool set.



Figure 1: The VIM Tools 32 PC. Elite HEX Metric Master Set, showcasing the organized layout of all 32 hex and square drivers within its durable storage case. The set includes various sizes and drive types for comprehensive utility.

2. SETUP AND INITIAL INSPECTION

Upon receiving your VIM Tools 32 PC. Elite HEX Metric Master Set, please follow these steps for initial setup and inspection:

1. **Unboxing:** Carefully remove the tool set from its packaging. Retain the packaging for future storage or transport if needed.
2. **Case Inspection:** Open the durable storage case and ensure it is free from any damage incurred during shipping.
3. **Tool Verification:** Verify that all 32 pieces are present and accounted for, matching the list provided in the [Specifications](#) section.
4. **Visual Check:** Inspect each driver for any visible manufacturing defects, such as bent shafts, chipped tips, or unusual finishes. While the tools are made from S2 Steel, proper initial inspection ensures optimal performance.
5. **Organization:** Familiarize yourself with the organized layout of the drivers within the case. Each driver is clearly marked with its size for easy identification and selection.

3. OPERATING INSTRUCTIONS

The VIM Tools Elite HEX Metric Master Set is designed for precision and durability. Follow these guidelines for safe and effective operation:

3.1. Tool Selection

- **Match Size:** Always select the correct size hex or square driver that precisely fits the fastener. Using an incorrect size can strip the fastener head or damage the tool.
- **Drive Type:** The set includes drivers for 1/4", 3/8", and 1/2" square drives, as well as a 6" hex blade 3/8" square driver. Choose the appropriate drive size for your ratchet or breaker bar.
- **Included Sizes:**
 - **1/4" Square Hex Drivers:** 2MM, 2.5MM, 3MM, 4MM, 5MM, 5.5MM
 - **3/8" Square Hex Drivers:** 6MM, 7MM, 8MM, 9MM
 - **1/2" Square Hex Drivers:** 10MM, 11MM, 12MM, 13MM, 14MM, 15MM, 16MM, 17MM, 18MM, 19MM, 20MM, 21MM, 22MM
 - **6" Hex Blade 3/8" Square Driver:** 3MM, 4MM, 5MM, 6MM, 7MM, 8MM, 9MM, 10MM

3.2. Usage Guidelines

- **Secure Fit:** Ensure the driver is fully seated into the fastener head before applying torque.
- **Apply Steady Pressure:** Apply steady, even pressure when turning to prevent cam-out and damage to the fastener or tool.
- **Avoid Over-Torquing:** Do not exceed the recommended torque specifications for fasteners. Over-torquing can lead to fastener or tool breakage.
- **Safety First:** Always wear appropriate personal protective equipment, such as safety glasses, when using hand tools.

4. MAINTENANCE AND CARE

Proper maintenance extends the life of your VIM Tools set and ensures continued performance:

- **Cleaning:** After each use, wipe down the drivers with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Storage:** Always store the drivers in their original durable case. This protects them from damage, corrosion, and loss. Store the case in a dry environment to prevent rust.
- **Inspection:** Periodically inspect each driver for signs of wear, such as rounded edges on the hex tips, cracks, or bending. Replace any damaged tools immediately to prevent injury or damage to fasteners.
- **Lubrication (Optional):** While not typically required for hex drivers, a light coat of rust-preventative oil can be applied to the metal surfaces if storing in a high-humidity environment.

5. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues that may arise during the use of your hex and square driver set.

5.1. Stripped Fastener Head

If a fastener head becomes stripped or rounded, it is often due to using the incorrect size driver, improper seating of the driver, or excessive torque. This is typically a user error rather than a tool defect.

- **Solution:** Ensure you are using the exact metric size driver for the fastener. Apply firm, steady pressure to keep the driver fully engaged. For already stripped fasteners, specialized extraction tools may be required.

5.2. Driver Tip Wear

While made from durable S2 Steel, prolonged heavy use or improper application can lead to wear on the driver tips.

- **Solution:** Regularly inspect driver tips. If a tip shows significant rounding or damage, it should be replaced to prevent damage to fasteners.

5.3. Difficulty Removing Driver from Fastener

Sometimes, a driver may seem stuck in a fastener, especially after applying high torque.

- **Solution:** Ensure the fastener is fully loosened. Gently wiggle the driver while pulling straight out. Avoid twisting or prying, which can damage the driver or fastener.

6. PRODUCT SPECIFICATIONS

Detailed specifications for the VIM Tools 32 PC. Elite HEX Metric Master Set:

Feature	Detail
Brand	VIM

Model Number	HMMS32
Material	S2 Steel
Number of Pieces	32
Drive System	Hex, Square
Included 1/4" Square Hex Drivers	2MM, 2.5MM, 3MM, 4MM, 5MM, 5.5MM
Included 3/8" Square Hex Drivers	6MM, 7MM, 8MM, 9MM
Included 1/2" Square Hex Drivers	10MM, 11MM, 12MM, 13MM, 14MM, 15MM, 16MM, 17MM, 18MM, 19MM, 20MM, 21MM, 22MM
Included 6" Hex Blade 3/8" Square Drivers	3MM, 4MM, 5MM, 6MM, 7MM, 8MM, 9MM, 10MM
Item Weight	7.5 pounds
Product Dimensions	13.75 x 10 x 3 inches
UPC	092308833008



Figure 2: A detailed view of several hex and square drivers from the VIM Tools set, illustrating the quality of the S2 Steel construction and the clear size markings on each tool.

7. WARRANTY AND CUSTOMER SUPPORT

For specific warranty information regarding your VIM Tools 32 PC. Elite HEX Metric Master Set, please refer to the documentation included with your purchase or visit the official VIM Tools website. Warranty terms and conditions may vary.

If you encounter any issues or have questions that are not addressed in this manual, please contact VIM Tools customer support directly. Contact information can typically be found on the manufacturer's website or product packaging.

Note on Videos: No official product videos from the seller were available for inclusion in this manual at the time of publication.

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