

VEVOR XL3068

VEVOR 1/4" 48-Piece Drive Impact Socket Set Instruction Manual

Model: XL3068

INTRODUCTION

Thank you for choosing the VEVOR 1/4" 48-Piece Drive Impact Socket Set. This manual provides essential information for the safe and effective use, maintenance, and storage of your new socket set. Please read these instructions thoroughly before first use and retain them for future reference.

This set is designed for automotive repair and other mechanical tasks, featuring both deep and shallow sockets in SAE and Metric sizes, crafted from durable Cr-Mo alloy steel.

PRODUCT FEATURES

- **CR-MO Industrial-Grade Alloy Steel:** Crafted from premium impact-grade alloy steel, offering exceptional enhancements in impact resistance and absorption. Vacuum heat treatment ensures a polished and highly durable surface, suitable for a wide range of operational environments.
- **High Torque Design:** Features a hexagonal drive design that reduces pressure on fasteners during impact, minimizing wear and preventing bolt rounding and stripping.
- **Easy-to-Read Size Markings:** Meticulously laser-etched and rolled size markings ensure effortless identification of socket sizes, even in low light conditions.
- **Convenient Storage & Transportation:** The set includes a moderate-weight metal toolbox for organized storage and easy portability, preventing scattering or loss of tools.
- **Abundant Components:** This comprehensive set includes 10 SAE deep sockets (3/16"-9/16"), 10 SAE shallow sockets (3/16"-9/16"), 14 Metric deep sockets (4-15mm), and 14 Metric shallow sockets (4-15mm).

VEVOR®
TOUGH TOOLS, HALF PRICE

CR-MO INDUSTRIAL-GRADE ALLOY STEEL

Heat-treated, impact-resistant,
strong torque



HRC48



CR-MO



Rigid and
Durable



High Temperature
Resistant

HRC 42-48



Image: Illustration of the CR-MO industrial-grade alloy steel construction, highlighting its rigidity and high temperature resistance.

PRO-GRADE 48-PIECE SET

Automotive repair never felt so easy



Electric
Wrench



Impact
Wrench



Ratchet
Wrench



Rod
Bender

10 x SAE Deep Sockets



10 x SAE Shallow Sockets



14 x Metric Deep Sockets



14 x Metric Shallow Sockets



Image: Overview of the 48-piece set, detailing the included SAE and Metric deep and shallow sockets.

6-POINT SOCKET DRIVE DESIGN

Reduces nuts and bolts wear and corners round-off



Round Corner

Avoid abrasion caused by close contact between bolts and edges



Traditional Drive Design

Nut is prone to wear in tight friction without rounded corners

Image: Close-up demonstrating the 6-point socket drive design, which reduces wear on fasteners.

LASER ETCHING & ROLLING PROCESSES

Clear visibility even in dim



Image: Example of laser etching and rolling processes for clear size markings on a socket.

SETUP

1. **Unpack the Set:** Carefully remove all components from the packaging. Inspect the carrying case and all sockets for any signs of damage that may have occurred during shipping.
2. **Familiarize Yourself with Components:** Open the carrying case and identify the different sizes and types of sockets (SAE deep, SAE shallow, Metric deep, Metric shallow). Note the laser-etched markings for quick identification.
3. **Prepare Your Workspace:** Ensure your work area is clean, well-lit, and free from obstructions. Gather any additional tools you may need, such as an impact wrench, ratchet, or extensions.



Image: The heavy-duty carrying case, designed for convenient storage and transportation of the socket set.

OPERATING INSTRUCTIONS

1. **Select the Correct Socket:** Identify the size and type of fastener you are working with. Choose the corresponding SAE or Metric socket, ensuring it is either deep or shallow as required by the application. A snug fit is crucial to prevent rounding the fastener.
2. **Attach to Drive Tool:** Securely attach the selected socket to your 1/4" drive impact wrench, ratchet, or extension. Ensure the socket is fully seated on the drive anvil.
3. **Position the Socket:** Place the socket squarely onto the fastener. Ensure it is fully engaged before applying torque.
4. **Apply Torque:** For tightening, turn clockwise. For loosening, turn counter-clockwise. Use steady, controlled force. When using an impact wrench, allow the tool to do the work, avoiding excessive or prolonged impacting.
5. **Remove Socket:** After use, carefully remove the socket from the fastener and then from the drive tool.

Video: Demonstration of the VEVOR Impact Socket Set in use for automotive tasks, showing proper attachment and operation with an

MAINTENANCE

1. **Cleaning:** After each use, wipe down sockets to remove dirt, grease, and debris. For stubborn grime, use a mild degreaser and a brush, then dry thoroughly.
2. **Inspection:** Regularly inspect each socket for signs of wear, cracks, or damage. Discontinue use of any damaged sockets to prevent injury or further damage to fasteners.
3. **Lubrication:** A light coat of oil can be applied to sockets, especially if stored in humid environments, to prevent rust.
4. **Storage:** Always store the sockets in their designated slots within the carrying case. This keeps them organized, protected from damage, and easily accessible. Store the case in a dry, secure location.

TROUBLESHOOTING

- **Socket is Stuck on Fastener:** Ensure the fastener is fully loosened. Gently wiggle the socket while pulling. If necessary, use a penetrating oil on rusted fasteners.
- **Fastener is Stripping/Rounding:** This usually indicates an incorrect socket size or improper engagement. Ensure the socket fits snugly and is fully seated on the fastener before applying torque. Replace any rounded fasteners.
- **Socket is Slipping:** Verify that the socket is the correct size and is fully engaged with the fastener. Check the drive tool for wear that might cause slippage.
- **Rust Appears on Sockets:** Clean the rust with a wire brush or rust remover, then apply a light coat of protective oil. Ensure sockets are stored in a dry environment.

SPECIFICATIONS

Attribute	Value
Brand	VEVOR
Model Number	XL3068
Number of Pieces	48
Drive Size	1/4 inch
Material	Chrome Molybdenum Steel (Cr-Mo)
Hardness	HRC42-48
SAE Socket Sizes	3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16" (Deep & Shallow)
Metric Socket Sizes	4mm, 4.5mm, 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm (Deep & Shallow)
Product Dimensions	12.6 x 8.3 x 2.8 inches (320 x 210 x 70 mm)
Net Weight	4.14 lbs (1.88 kg)

**Item Model Number: XL3068****Impact Sockets Set: 48 PCS****Material: CR-MO Alloy Steel****Hardness: HRC42-48****Product Size: 12.6 x 8.3 x 2.8 in / 320 x 210 x 70 mm****Net Weight: 4.14 lbs / 1.88 kg**

Image: Detailed product specifications including model number, material, hardness, and dimensions.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses, when using impact sockets and power tools.
- Ensure the socket is fully engaged on the fastener and the drive tool before operation.
- Do not use damaged or worn sockets. Inspect tools before each use.
- Avoid using excessive force. Let the tool do the work.
- Keep hands and fingers clear of moving parts and pinch points.
- Store tools out of reach of children and in a secure, dry place.

WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official VEVOR website. Please have your model number (XL3068) and purchase details ready when contacting support.

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