

LEXIVON LX-144

LEXIVON Master HEX Bit Socket Set (LX-144) Instruction Manual

Model: LX-144

INTRODUCTION

Thank you for choosing the LEXIVON Master HEX Bit Socket Set. This 32-piece set, featuring both SAE and Metric sizes, is engineered from premium S2 alloy steel and chrome vanadium steel for durability and precision. This manual provides essential information for the safe and effective use, maintenance, and care of your new tool set.

SAFETY INFORMATION

- Always wear appropriate eye protection when using hand tools.
- Ensure the correct size hex bit socket is used for the fastener to prevent damage to both the tool and the fastener.
- Do not use damaged or worn tools. Inspect tools before each use.
- Avoid using excessive force. Tools are designed for specific torque applications.
- Keep tools clean and dry to prevent corrosion and ensure a secure grip.
- Store tools out of reach of children.

PRODUCT OVERVIEW

The LEXIVON Master HEX Bit Socket Set (LX-144) includes 32 hex bit sockets in a durable storage case, covering a wide range of SAE and Metric sizes for various applications.

Key Features:

- **Premium S2 Alloy Steel Bits:** Engineered for high torque and unmatched hardness (60-62 HRC).
- **Chrome Vanadium Steel Sockets:** Fully polished and chrome plated for longevity and corrosion resistance.
- **Zinc Phosphate Treatment:** Provides active protection against corrosion for the bits.
- **Precision Chamfered Bit Ends:** Designed for smooth insertion and to protect fastener edges.
- **Stamped Sizing:** Sizes are clearly marked on each socket and the storage case for quick identification.
- **Enhanced Storage Case:** A sturdy and compact case with reliable sliding latches and hinges keeps sockets organized and secure.

PREMIUM STEEL

Constructed and designed with superior materials for increased torque and unmatched hardness



The complete 32-piece LEXIVON Master HEX Bit Socket Set in its robust storage case.

INDUSTRIAL QUALITY

The LEXIVON Bit Socket set promises rust-free and corrosion resistance use for a lifetime!

S2 ALLOY STEEL BITS

Unmatched hardness
(60-62 HRC)

ZINC PHOSPHATE

Offers active protection
from corrosion

CR-V STEEL SOCKET

Fully polished chrome
plated ensures longevity

STAMPED SIZING

Identifying stamped sizes
free yourself from guesswork

Detailed view of the industrial quality materials and features of the hex bit sockets.

SIZES INCLUDED

32-Piece set, featured a wide range of Metric and SAE Bit Sockets

1/4-Inch Drive



3/8-Inch Drive



1/2-Inch Drive



A comprehensive list of all 32 hex bit socket sizes included in the set.

SETUP

Your LEXIVON Master HEX Bit Socket Set comes pre-organized in its durable storage case. No assembly is required for the sockets themselves.

1. **Unpack:** Carefully remove the socket set from its packaging.
2. **Inspect:** Before first use, inspect all sockets and bits for any signs of damage or manufacturing defects.
3. **Familiarize:** Review the sizes stamped on the sockets and the case to quickly identify the correct tool for your task.

SECURE CASE

Sturdy storage & compact carrying case, enhanced with reliable sliding latch and hinges



The secure case ensures your sockets remain organized and protected.

OPERATING INSTRUCTIONS

Using the LEXIVON Master HEX Bit Socket Set is straightforward. Follow these steps for optimal performance and safety:

1. **Select the Correct Size:** Identify the hex fastener you need to work with and select the corresponding SAE or Metric hex bit socket from the set. The sizes are clearly marked on each socket.
2. **Attach to Drive Tool:** Insert the square drive end of the hex bit socket onto your ratchet, breaker bar, or torque wrench. Ensure it is fully seated and secure.
3. **Engage Fastener:** Place the hex bit end of the socket into the head of the fastener. Apply slight pressure and rotate to ensure a snug fit. The chamfered edges aid in smooth engagement.
4. **Apply Torque:** Apply steady and controlled force to turn the fastener. For critical applications, use a torque wrench to apply the manufacturer's specified torque.
5. **Remove Socket:** Once the task is complete, remove the socket from the fastener and then from the drive tool.

CHAMFERED EDGE

Precision CNC machined bits ensure accurate sizing and protection to fasteners edges



Precision chamfered edges ensure accurate sizing and protect fastener edges.

Demonstration Videos:

Video: An overview of the Lexivon Master Hex Bit Socket Set, demonstrating its features and potential uses in a toolbox. (Source: Wooden Robots)

Video: A user demonstrates the quality and effective use of the hex bit sockets on a hard hex bolt. (Source: Zulf - TrustedCreators)

MAINTENANCE

Proper maintenance will extend the life and performance of your LEXIVON hex bit socket set.

- **Cleaning:** After each use, wipe down the sockets and bits with a clean, dry cloth to remove dirt, grease, and debris. For stubborn grime, use a mild degreaser and ensure tools are thoroughly dried afterward.
- **Lubrication:** While the chrome plating and zinc phosphate treatment offer corrosion resistance, a light coat of rust-preventative oil can be applied periodically, especially if storing in humid environments.
- **Storage:** Always return the sockets to their designated slots in the enhanced storage case. This prevents loss, keeps them

organized, and protects them from damage.

- **Inspection:** Regularly inspect for signs of wear, such as rounded hex edges, cracks in the socket, or excessive corrosion. Replace any damaged tools immediately.



The heat-treated steel process ensures supreme durability and higher performance.

TROUBLESHOOTING

Here are some common issues and their solutions:

Problem	Possible Cause	Solution
Socket slips on fastener	Incorrect size selected; Worn fastener head; Worn socket bit.	Ensure correct size is used. Replace worn fasteners. Replace worn socket.
Difficulty inserting bit into fastener	Misalignment; Debris in fastener head; Damaged fastener head.	Align bit squarely. Clean fastener head. Use a pick to clear debris.

Problem	Possible Cause	Solution
Rust or corrosion appears	Exposure to moisture; Improper storage.	Clean and dry tools thoroughly after use. Store in a dry environment. Apply rust-preventative oil.

SPECIFICATIONS

- **Model Number:** LX-144
- **Number of Pieces:** 32
- **Material:** S2 Alloy Steel (bits), Chrome Vanadium Steel (sockets)
- **Finish Type:** Chrome plated mirror finish (sockets), Zinc Phosphate (bits)
- **Drive System:** Internal Hex
- **Bit Compatibilities:** Allen Wrench
- **Item Weight:** 2.2 kg
- **Standards:** Meets & Exceeds ANSI (The American National Standard Institute)

WARRANTY AND SUPPORT

Lifetime Limited Warranty

The LEXIVON Master HEX Bit Socket Set (LX-144) is backed by a Lifetime Limited Warranty, ensuring your complete peace of mind. This warranty covers defects in material and workmanship under normal use. For full details regarding the warranty coverage and terms, please refer to the official LEXIVON website or contact customer support.

Customer Support

For any questions, concerns, or assistance with your LEXIVON product, please contact our customer support team. Contact information can be found on the official LEXIVON website.

Website: [www.lexivon.com](#) (Please note: This is a placeholder URL. Refer to your product packaging or official brand information for the correct website.)

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

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Email

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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