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› VESSEL BH-30 Socket Anvil Instruction Manual

VESSEL BH-30

VESSEL BH-30 Socket Anvil Instruction Manual

Model: BH-30

1. INTRODUCTION

The VESSEL BH-30 Socket Anvil is an adapter designed to expand the versatility of your impact wrench. It allows you to use various 6.35mm (1/4 inch) hexagonal bits with an impact wrench that has a 12.7mm (1/2 inch) square input drive. This manual provides essential information for the safe and effective use of your BH-30 Socket Anvil.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in injury or damage to the tool.

- Always ensure that bits are securely attached and properly seated in the socket anvil before operation.
- Wear appropriate personal protective equipment, including safety glasses or protective eyewear, during use to prevent eye injuries from flying debris.
- Do not modify, alter, or heat the socket anvil. Such actions can compromise the tool's integrity and lead to dangerous failures.
- Confirm the correct application, size, and usage method for the socket anvil and bits before commencing any work.
- Keep hands and loose clothing away from rotating parts during operation.

3. PRODUCT OVERVIEW

The VESSEL BH-30 Socket Anvil is a robust adapter designed for durability and ease of use. It converts a 12.7mm (1/2 inch) square drive impact wrench into a tool capable of accepting 6.35mm (1/4 inch) hexagonal bits.



This diagram illustrates the key dimensions of the BH-30 Socket Anvil. It features a 6.35mm hexagonal shank for bit insertion, an overall length of 48mm, and a 12.7mm (1/2 inch) square input drive for impact wrenches.



A direct view of the VESSEL BH-30 Socket Anvil, showcasing its design for connecting to an impact wrench and accepting hexagonal bits.

4. SETUP

To prepare the VESSEL BH-30 Socket Anvil for use, follow these steps:

1. **Identify Components:** The socket anvil requires a socket pin and an O-ring for secure attachment to your impact wrench. These components are typically supplied with the impact wrench or the socket anvil.
2. **Attach to Impact Wrench:** Insert the 12.7mm (1/2 inch) square drive end of the BH-30 Socket Anvil into the corresponding drive of your electric or air impact wrench.
3. **Secure Connection:** Once inserted, use the socket pin to pass through the designated hole in the impact wrench drive and the socket anvil. Secure the pin with the O-ring to prevent accidental detachment during operation. Ensure the connection is firm and stable.
4. **Insert Hexagonal Bit:** Insert the desired 6.35mm (1/4 inch) hexagonal bit into the receiving end of the socket anvil. Push firmly until it clicks into place or is securely seated.



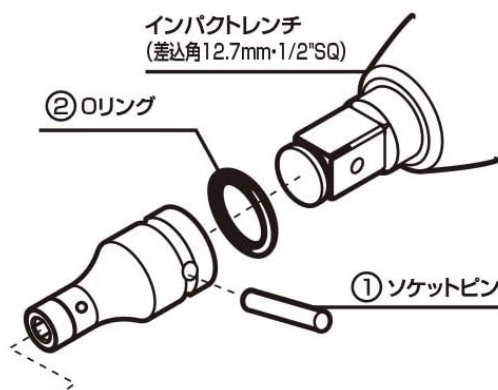
電動・充電・エア
インパクトレンチ用

No. BH-30

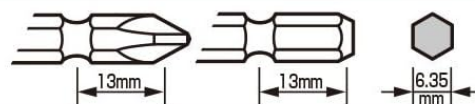
ソケットアンビル

●お手持ちの電動・エアインパクトレンチ(差込角12.7mm・1/2")に差し込むだけで、各種ビット(六角対辺6.35mm)が使えます。

必ずツール側との連結は、①ソケットピンと ②Oリングで確実に固定してください。



六角対辺6.35mmビット(下記寸法ビットをご使用ください)



△ ご注意:

- ビットの取付・交換は、確実にこなってください。
- 使用時は、保護メガネを着用してください。
- 改造・加熱は危険ですので、おこなわないでください。
- 正しい用途・サイズ・使い方を確かめてご使用ください。



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The instruction sheet demonstrates how to properly attach the BH-30 Socket Anvil to an impact wrench using the socket pin and O-ring. It also shows compatible 6.35mm hexagonal bits and provides important safety warnings.

5. OPERATING INSTRUCTIONS

Once the BH-30 Socket Anvil and the desired bit are securely attached to your impact wrench, you can proceed with your task. Always ensure the workpiece is stable and secured before applying power.

- **Select Correct Bit:** Choose the appropriate 6.35mm hexagonal bit for the fastener you are working with.
- **Position Tool:** Place the bit squarely onto the fastener head. Avoid angled engagement, which can strip the fastener or damage the bit.
- **Apply Power:** Activate your impact wrench. Apply steady, firm pressure to the tool while operating.
- **Monitor Progress:** Observe the fastener and stop operation once the desired torque or tightness is achieved.
- **Bit Removal:** To remove a bit, pull it firmly from the socket anvil. If it's a quick-release mechanism, activate it as per your bit's design.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your VESSEL BH-30 Socket Anvil.

- **Cleaning:** After each use, wipe the socket anvil clean with a dry cloth to remove any dirt, dust, or debris. Avoid using harsh chemicals or solvents that could damage the material.
- **Inspection:** Regularly inspect the socket anvil for any signs of wear, cracks, or damage, especially around the drive ends and bit receiver. If any damage is found, discontinue use and replace the unit.
- **Lubrication:** Lightly lubricate the O-ring and socket pin with a suitable lubricant to ensure smooth attachment and removal from the impact wrench.
- **Storage:** Store the socket anvil in a clean, dry place, away from direct sunlight and extreme temperatures. Keeping it in a tool case or organizer can protect it from impact and corrosion.

7. TROUBLESHOOTING

The VESSEL BH-30 Socket Anvil is a simple, robust tool. Most issues are related to improper setup or use.

- **Bit not seating securely:** Ensure the bit is the correct 6.35mm hexagonal size. Check for debris inside the bit receiver that might prevent full insertion.
- **Socket anvil detaching from impact wrench:** Verify that the socket pin and O-ring are correctly installed and fully engaged. Inspect the pin and O-ring for wear or damage and replace if necessary.
- **Excessive wobble during operation:** Ensure both the socket anvil is securely attached to the impact wrench and the bit is securely seated in the anvil. Excessive wear on the impact wrench's drive or the anvil's square drive can also cause wobble.

8. SPECIFICATIONS

Model Number	BH-30
Brand	VESSEL
Input Drive Size	12.7mm (1/2 inch) Square
Output Drive Size	6.35mm (1/4 inch) Hexagonal
Total Length	48 mm

Item Weight	80 Grams
Material	Steel (specific alloy not provided)

9. WARRANTY AND SUPPORT

For warranty information and customer support regarding your VESSEL BH-30 Socket Anvil, please refer to the official VESSEL website or contact your authorized dealer. Keep your purchase receipt as proof of purchase.

Manufacturer: VESSEL

Contact Information: Please visit the official VESSEL website for the most current contact details and support resources.

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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.

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