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SK 322

SK Tools USA 3/8" Drive, 22MM, 6 Point, Standard Chrome Socket

Instruction Manual

Model: 322

1. Product Overview

The SK Professional Tools 322 is a 22 mm, 3/8 inch drive, 6-point metric standard chrome socket. It is engineered for maximum strength and durability, designed to provide reliable performance for various fastening tasks. This socket is proudly made in the USA.

Key Features:

- **SK Professional Quality:** Manufactured to rigid specifications, ensuring exceptional performance and adherence to global standards.
- **SureGrip Design:** Drives the side of the fastener, not the corner, to increase strength and prevent rounding of rusted or damaged fasteners.
- **Durable SuperKrome Finish:** High polish SuperKrome plating provides a tough, jewelry-like finish for long life and maximum corrosion resistance.
- **Rugged Steel Construction:** Cold forged with high alloy US steel for maximum strength and superior service.



Image 1.1: Front view of the SK Tools 322 Standard Chrome Socket.

2. Setup and Preparation

Before using your SK 322 socket, ensure you have the correct drive tool and that the fastener size matches the socket. Proper preparation ensures safety and efficiency.

1. **Select the Right Drive:** This socket is designed for a 3/8 inch drive. Ensure your ratchet, breaker bar, or torque wrench has a matching 3/8 inch square drive.
2. **Verify Fastener Size:** Confirm the fastener you intend to work with is 22mm. Using an incorrect size can damage both the fastener and the socket.
3. **Inspect the Socket:** Before each use, visually inspect the socket for any signs of damage, cracks, or wear. Do not use a damaged socket.
4. **Clean Fastener Area:** Ensure the fastener head and surrounding area are clean and free of debris, rust, or grease to allow for a secure fit.

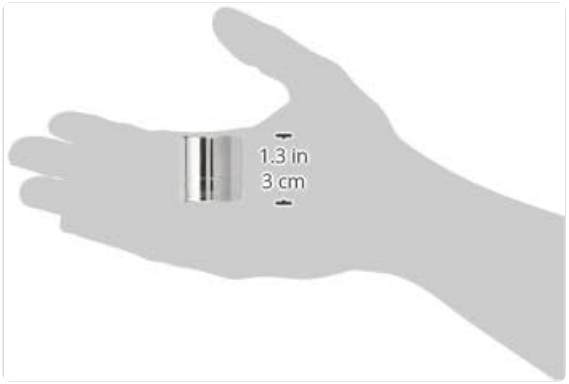


Image 2.1: The SK 322 socket demonstrating its compact size, approximately 1.3 inches (3 cm) in length.

3. Operating Instructions

Follow these steps for effective and safe use of your SK 322 socket:

1. **Attach to Drive Tool:** Firmly push the 3/8 inch square drive end of the socket onto the corresponding drive of your ratchet, breaker bar, or torque wrench until it clicks into place or is securely seated.
2. **Position on Fastener:** Place the 22mm opening of the socket squarely over the head of the fastener. Ensure the socket is fully engaged with all six points of the fastener head. The SureGrip design will engage the sides, not the corners, for optimal grip.
3. **Apply Force:**
    - **For Loosening:** Turn the drive tool counter-clockwise. Apply steady, firm pressure. Avoid sudden jerking motions.
    - **For Tightening:** Turn the drive tool clockwise. If using a torque wrench, set it to the manufacturer's specified torque value and tighten until the wrench indicates the correct torque has been reached.
4. **Remove Socket:** Once the task is complete, pull the socket straight off the fastener. Then, detach the socket from the drive tool.

4. Care and Maintenance

Proper care and maintenance will extend the life and performance of your SK 322 socket.

- **Cleaning:** After each use, wipe the socket clean with a dry cloth to remove dirt, grease, and debris. For stubborn

grime, use a mild degreaser and then wipe dry immediately.

- **Rust Prevention:** The SuperKrome finish provides excellent corrosion resistance. However, to maintain its integrity, avoid prolonged exposure to moisture or corrosive chemicals. If the socket gets wet, dry it thoroughly.
- **Storage:** Store the socket in a dry environment, preferably in a tool chest or socket rail, to prevent loss and protect it from environmental elements.
- **Inspection:** Periodically inspect the socket for any signs of wear, such as rounding of the hex points or cracks in the chrome finish. Replace the socket if any significant damage is observed.

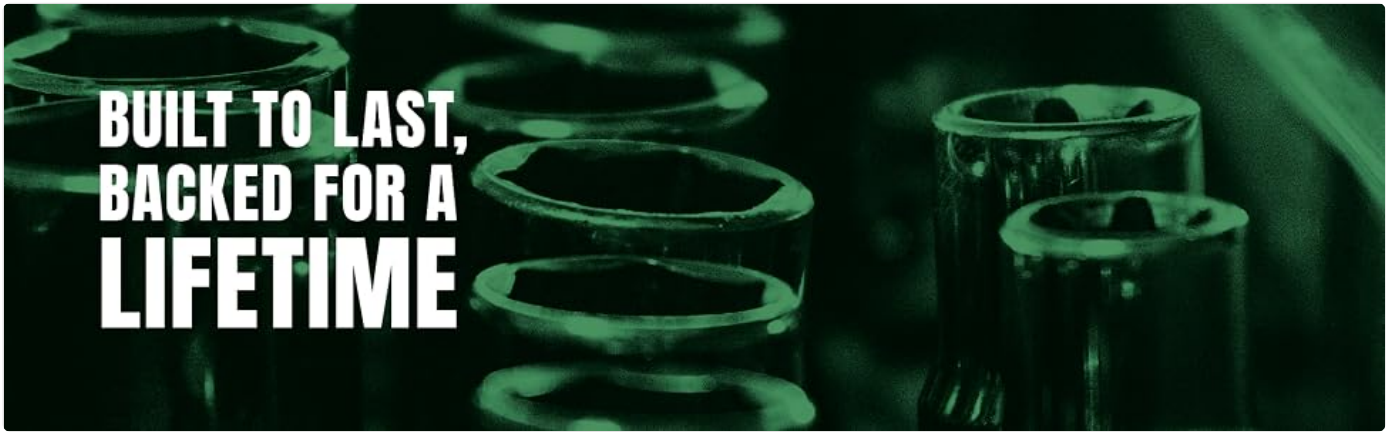


Image 4.1: SK Tools are built to last and backed for a lifetime, emphasizing durability and reliability.

5. Troubleshooting

Most issues with sockets are related to improper use or maintenance. Here are some common scenarios and solutions:

Issue	Possible Cause	Solution
Socket slips on fastener	Incorrect socket size; Fastener head is rounded or stripped; Socket is worn.	Ensure correct 22mm socket size. If fastener is damaged, use a specialized fastener extractor. Replace worn socket.
Socket stuck on drive tool	Debris in drive square; Corrosion; Too much force applied during attachment.	Clean the drive square of both socket and tool. Apply a small amount of penetrating oil if corroded. Wiggle and pull firmly.
Socket shows signs of rust	Exposure to moisture or corrosive substances.	Clean with a rust remover (if minor) and dry thoroughly. Store in a dry place.
Socket cracks or breaks	Excessive force; Using with impact tools not rated for impact; Manufacturing defect.	Do not exceed recommended torque. This standard chrome socket is not designed for impact use. Contact SK Tools for warranty claim if defect is suspected.

6. Product Specifications

Brand	SK
Model Number	322
Item Length	0.87 Inches
Material	Alloy Steel
Drive System	Hex
Finish Type	Polished (SuperKrome)
Number of Pieces	1
Item Weight	3.2 ounces
Country of Origin	USA
Compatible Fastener Range	0.375 inch (3/8" Drive)

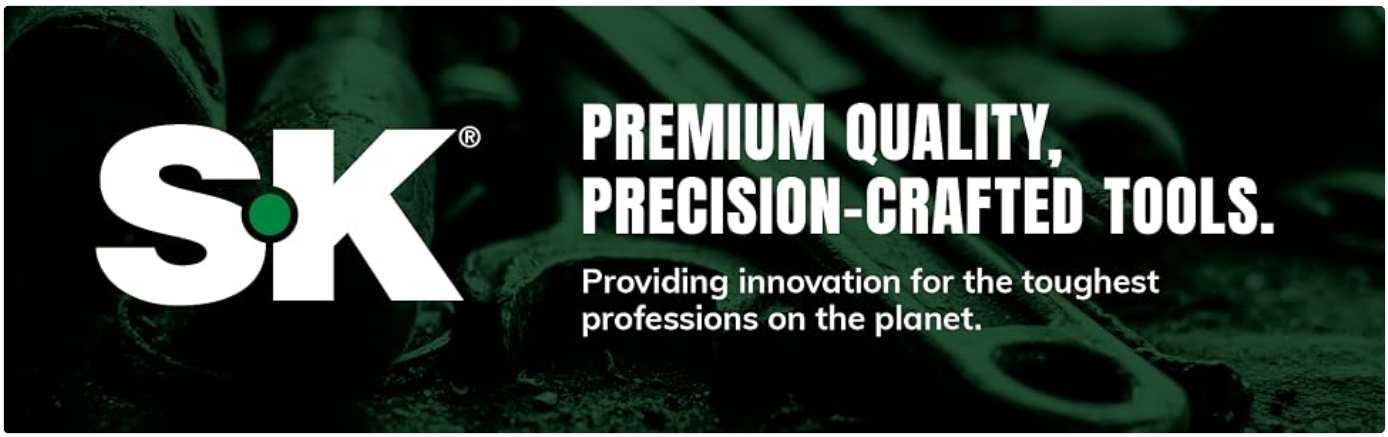


Image 6.1: SK Tools are known for their premium quality and precision craftsmanship.

7. Warranty and Support

SK Professional Tools are built to last and backed for a lifetime. This SK 322 socket comes with a lifetime warranty, reflecting the manufacturer's confidence in its quality and durability.

For warranty claims, product support, or additional information, please visit the official SK Tools website or contact their customer service directly. You can also explore their full range of products at the SK Store on Amazon.

Note: Warranty terms and conditions may apply. Please refer to the official SK Tools warranty policy for complete details.

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