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› Williams STM-1218 1/2 Drive Shallow Socket, 12 Point, 18mm Metric 18mm User Manual

Williams JHWSTM-1218

Williams STM-1218 1/2 Drive Shallow Socket User Manual

Model: JHWSTM-1218

PRODUCT OVERVIEW

The Williams STM-1218 is a 1/2-inch drive shallow socket, featuring a 12-point design and an 18mm metric size. This socket is engineered for robust performance and durability in various mechanical applications. It is part of the Williams line of high-quality industrial tools.



Image: Williams STM-1218 1/2 Drive Shallow Socket, 12 Point, 18mm Metric.

The socket is manufactured from chrome vanadium steel, ensuring strength and resistance to wear. Its high-polished chrome finish not only provides corrosion resistance but also allows for easy cleaning. The 12-point design is optimized for maximum engagement on both 6 and 12 point fasteners.

KEY FEATURES

- **SUPERTORQUE Lobular Openings:** Designed to provide greater turning power without deforming the fastener, ensuring a secure grip and preventing slippage.
- **Maximum Fastener Engagement:** Specifically engineered for optimal engagement on both 6 and 12 point fasteners, enhancing efficiency and reducing wear on fasteners.
- **Durable Construction:** Made from high-quality chrome vanadium steel, offering exceptional strength and longevity for demanding industrial use.
- **High-Polished Chrome Finish:** Provides superior corrosion resistance and a smooth surface that is easy to clean.
- **Metric Size:** 18mm, suitable for a wide range of metric applications.

- **1/2-Inch Drive:** Compatible with standard 1/2-inch drive ratchets, breaker bars, and other drive tools.



Image: Diagram illustrating features of Williams Chrome Sockets, including cold-formed alloy steel construction and chamfered ends for easy engagement.

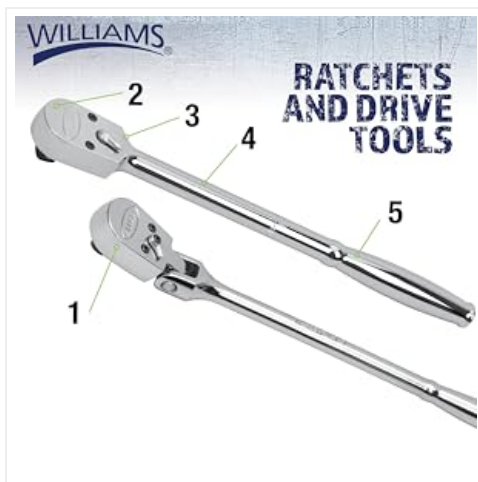


Image: Diagram showing various Williams Ratchets and Drive Tools, which are compatible with this socket.

USAGE INSTRUCTIONS

The Williams STM-1218 socket is designed for use with a 1/2-inch drive ratchet, breaker bar, or torque wrench. Follow these general steps for proper usage:

1. **Select the Correct Tool:** Ensure you are using a 1/2-inch drive tool that is appropriate for the task (e.g., ratchet for general tightening/loosening, torque wrench for precise torque specifications, breaker bar for stubborn fasteners).
2. **Attach the Socket:** Firmly push the STM-1218 socket onto the square drive of your chosen tool until it clicks into place. Ensure it is fully seated to prevent slippage during use.
3. **Position on Fastener:** Place the socket squarely onto the 18mm metric fastener. Verify that the socket is fully engaged with the fastener head to prevent rounding.
4. **Apply Force:** Apply steady and controlled force to the drive tool in the desired direction (clockwise for tightening, counter-clockwise for loosening). Avoid sudden jerking motions.
5. **Remove the Socket:** Once the task is complete, pull the socket firmly off the drive tool.

Always wear appropriate personal protective equipment, such as safety glasses, when using hand tools.

MAINTENANCE

Proper maintenance will extend the life of your Williams STM-1218 socket:

- **Cleaning:** After each use, wipe the socket clean of any dirt, grease, or debris. A clean cloth is usually sufficient. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Inspection:** Regularly inspect the socket for any signs of wear, cracks, or damage. Pay close attention to the drive end and the fastener engagement points. Do not use damaged tools.
- **Storage:** Store the socket in a dry environment to prevent rust. Toolboxes, socket rails, or dedicated organizers are ideal for keeping sockets protected and organized.
- **Lubrication:** While not typically required for chrome sockets, a light coat of rust-preventative oil can be applied if storing in a humid environment.

SPECIFICATIONS

Attribute	Detail
Brand	Williams
Model Number	JHWSTM-1218
Size	18mm
Drive Size	1/2 inch
Point Count	12 Point
Material	Chrome Vanadium Steel
Finish Type	Polished Chrome
Item Weight	2.61 ounces
Product Dimensions	1.5 x 0.98 x 0.98 inches
UPC	662459222183

SAFETY INFORMATION

Always prioritize safety when using hand tools. Adhere to the following guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses, to protect against flying debris.
- Ensure the socket is correctly sized for the fastener to prevent slippage and damage.
- Never use a damaged or worn socket. Replace it immediately if any defects are observed.
- Do not use a standard chrome socket with impact tools, as this can cause the socket to shatter. Use only impact-rated sockets for impact applications.
- Keep hands and fingers clear of pinch points and moving parts.
- Store tools securely when not in use to prevent accidents.

WARRANTY AND SUPPORT

For information regarding the warranty of your Williams STM-1218 socket, please refer to the official Williams

manufacturer's website or contact their customer support directly. Warranty terms and conditions may vary and are subject to the manufacturer's policies.

For technical support or inquiries about product usage, please reach out to Williams customer service through their official channels.

