

Martin BM616

Martin BM616 16mm Type II Socket User Manual

Model: BM616 | Brand: Martin

1. PRODUCT OVERVIEW

The Martin BM616 is a durable 16mm Type II socket designed for use with a 3/8" square drive. It features a 12-point standard opening, a chrome finish for corrosion resistance, and an overall length of 1-1/8". This socket is engineered for reliable performance in various fastening applications.

Key Features:

- 3/8" Square drive compatibility
- 1-1/8" Overall length
- 16mm Type II opening
- Chrome finish for durability and corrosion resistance
- 7/8" Opening end with 13/32" minimum depth



Figure 1: Side view of the Martin BM616 16mm Type II Socket, showcasing its chrome finish and overall design.

2. SETUP AND INSTALLATION

The Martin BM616 socket is designed for straightforward attachment to any compatible 3/8" square drive tool, such as a ratchet, breaker bar, or torque wrench.

1. **Select the Correct Drive Tool:** Ensure your drive tool has a 3/8" square drive anvil.
2. **Attach the Socket:** Align the square opening of the socket with the square drive anvil of your tool. Push the socket firmly onto the anvil until it clicks into place, indicating a secure connection.
3. **Verify Connection:** Gently pull on the socket to ensure it is securely seated and will not detach during use.

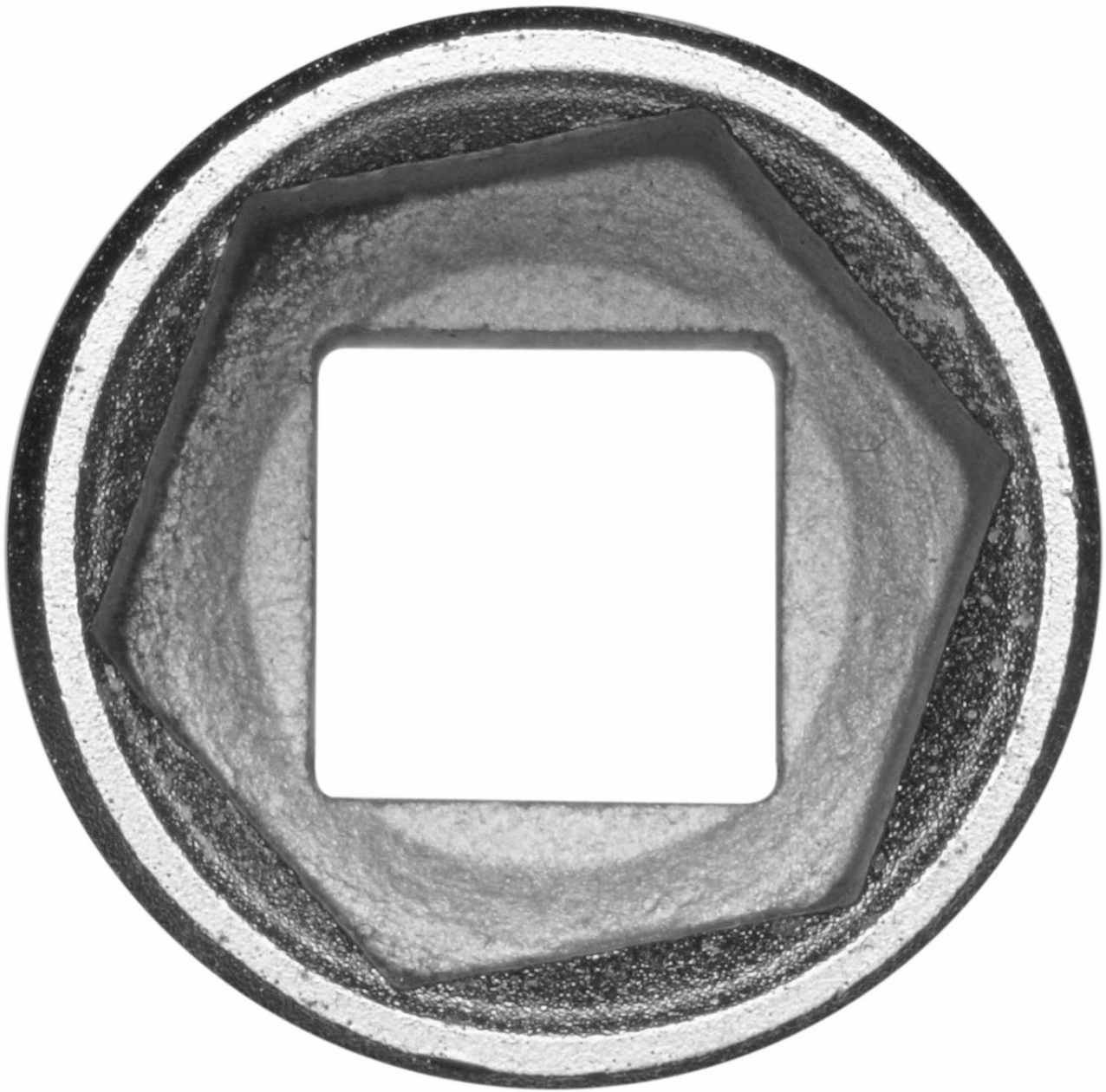


Figure 2: Top-down view of the Martin BM616 socket, illustrating the 12-point opening and the 3/8" square drive receptacle.

3. OPERATION

Once the BM616 socket is securely attached to your drive tool, it is ready for use in tightening or loosening fasteners.

- **Fastener Compatibility:** This 16mm socket is designed for 16mm fasteners (nuts or bolts). Ensure the fastener size matches the socket size to prevent damage to both the fastener and the socket.
- **Engagement:** Place the socket squarely over the head of the fastener, ensuring full engagement with all points of the fastener. Avoid angled engagement, which can lead to stripping.
- **Application of Force:** Apply steady and controlled force to your drive tool in the desired direction (clockwise for tightening, counter-clockwise for loosening). For critical applications, use a torque wrench to achieve specified torque values.
- **Removal:** After use, carefully remove the socket from the fastener and then from the drive tool.

4. CARE AND MAINTENANCE

Proper care and maintenance will extend the lifespan of your Martin BM616 socket and ensure its continued performance.

- **Cleaning:** After each use, wipe the socket clean with a dry cloth to remove dirt, grease, or debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Inspection:** Regularly inspect the socket for any signs of wear, cracks, deformation, or damage to the drive end or the fastener's opening. Discontinue use if any damage is observed.
- **Storage:** Store the socket in a dry environment to prevent rust, preferably in a tool box or on a socket rail, away from excessive moisture or corrosive chemicals.
- **Lubrication:** While not typically required for sockets, a light coat of rust-preventative oil can be applied if storing in a humid environment for extended periods.

5. TROUBLESHOOTING

This section addresses common issues that may arise during the use of your socket.

- **Socket Slips on Fastener:**
 - Ensure the socket size (16mm) precisely matches the fastener size.
 - Verify the socket is fully seated on the fastener and not at an angle.
 - Check for wear or damage to the socket's internal points or the fastener's head.
- **Socket Does Not Fit Drive Tool:**
 - Confirm your drive tool has a 3/8" square drive.
 - Inspect the socket's drive opening and the tool's anvil for obstructions or damage.
- **Socket Appears Damaged:**
 - Discontinue use immediately. Using a damaged socket can cause injury or further damage to tools/fasteners.
 - Contact Martin customer support for replacement options if within warranty.

6. TECHNICAL SPECIFICATIONS

Attribute	Detail
Brand	Martin

Attribute	Detail
Model Number	BM616
Opening Size	16mm Type II
Drive Size	3/8" Square Drive
Overall Length	1-1/8"
Finish Type	Chrome
Opening End	7/8"
Minimum Depth	13/32"
Product Dimensions	1 x 1 x 1 inches
Item Weight	0.8 ounces
UPC	697950214948
Manufacturer	Martin Sprocket

7. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Martin BM616 socket, please refer to the official Martin website or contact their customer service department directly.






Martin Official Website: www.martinsprocket.com

Always purchase genuine Martin replacement products to ensure compatibility and maintain product performance.

© 2023 Martin. All rights reserved. This manual is for informational purposes only.

Related Documents - BM616

	<p>Martin DC7000 & DC7000CH Commercial Torsion Drive Openers Instruction Manual</p> <p>Comprehensive instruction manual for Martin DC7000 and DC7000CH commercial torsion drive garage door openers, covering installation, operation, maintenance, safety, and troubleshooting.</p>
---	--

	<p>Martin Garage Door Owner Manual</p> <p>This comprehensive owner's manual provides detailed installation instructions, maintenance guidelines, safety precautions, and technical specifications for Martin brand sectional garage doors. Learn about door section placement, hardware, spring assembly, and troubleshooting.</p>
	<p>Martin Finger Shield™ Garage Door System: Installation Manual</p> <p>Comprehensive instruction manual for installing the Martin Finger Shield™ Garage Door System for both steel and wood doors. Includes detailed steps, safety guidelines, and maintenance tips.</p>
	<p>Martin Acrobat User Manual</p> <p>User manual for the Martin Acrobat automated disco lighting fixture, detailing installation, safety, DMX and stand-alone operation, troubleshooting, and specifications. Features strobe effects, dimming, color/gobo options, and mirror drum control.</p>
	<p>Martin MAC Quantum Profile LED Lighting Fixture Technical Specifications</p> <p>Comprehensive technical specifications and features of the Martin MAC Quantum Profile, a high-performance LED profile lighting fixture designed for professional stage and entertainment applications.</p>
	<p>Martin Alien LED Downlight™ User Manual</p> <p>Comprehensive user manual for the Martin Alien LED Downlight™ system, detailing installation, operation, DMX control, safety guidelines, and technical specifications for professional lighting applications.</p>