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› [TEKTON](#) /

› [TEKTON 3/8 Inch Drive x T30 Torx Bit Socket | SHB14230 Standard T30 User Manual](#)

TEKTON SHB14230

TEKTON 3/8 Inch Drive x T30 Torx Bit Socket

Model: SHB14230

Official User Manual

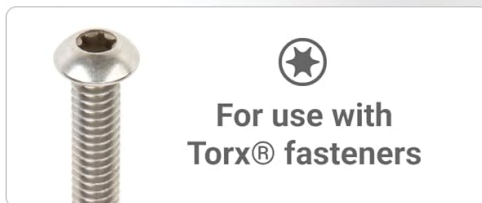
PRODUCT OVERVIEW

The TEKTON 3/8 Inch Drive x T30 Torx Bit Socket (SHB14230) is engineered for precision and durability. Its S2 steel bit is press-fit into the socket, ensuring a straight and permanent connection that resists loosening over time. The star-shaped Torx® bit features 6-lobes machined to precise tolerances, providing an exact, high-torque fit that prevents camming out during use. This tool is designed for reliable performance in various applications requiring Torx fasteners.



KEY FEATURES

- **S2 Steel Bit:** The bit is made from S2 steel and press-fit into the socket, creating a straight, permanent connection that will not loosen over time.
- **Precision Torx Bit:** The star-shaped Torx bit features 6-lobes machined to precise tolerances, ensuring an exact, high-torque fit that resists camming out.
- **Clear Size Markings:** Large, clear die-stamped size markings are easy to read and are designed not to wear off.
- **Secure Drive Tool Connection:** Four detent grooves provide a secure connection with the drive tool, and a drilled through-hole allows for locking with a retaining pin.
- **Corrosion Resistant Finish:** The polished, chrome-plated finish is easy to clean and highly resistant to corrosion.
- **Easy Fastener Engagement:** A beveled inner rim of the socket opening helps guide it smoothly onto fasteners.



Strong, Precise **Torx®** Bits

Made from heat-treated S2 steel for a hardened bit that holds fine geometry over time. The star-shaped bit has 6-lobes machined to precise tolerances for an exact, high-torque fit on Torx® fasteners that resists camming out.

Large, Stamped Markings

- Permanently impressed into the material by a roll-stamp die
- As large as possible while still being readable along the socket's curved surface
- Clearly visible size numbers with extra-deep outline



Image: A hand holding the socket, showing the large, clearly stamped size markings for easy identification.

Straight, Permanent Connection

- Bits are pressed directly into the socket for a permanent connection
- The carefully controlled process ensures bits are exceptionally straight
- A tightly mated fit means bits will not loosen over time or under stress



Image: Diagram illustrating the press-fit connection of the bit into the socket, ensuring a straight and permanent bond.



Secure Drive Tool Engagement

Detent grooves and beveled edges provide a smooth and secure connection with the drive tool.

Image: The socket engaging with a drive tool, demonstrating the secure fit provided by the detent grooves.

SETUP

The TEKTON Torx Bit Socket is designed for use with a 3/8 inch drive ratchet, breaker bar, or other compatible drive tools.

1. **Select Drive Tool:** Choose a 3/8 inch drive ratchet or appropriate drive tool for your task.
2. **Attach Socket:** Align the square drive end of the socket with the drive tang of your tool. Push the socket firmly onto the tool until it clicks into place, ensuring the detent ball on the drive tool engages with the socket's detent groove for a secure connection.
3. **Verify Connection:** Gently pull on the socket to confirm it is securely attached to the drive tool before use.

OPERATING INSTRUCTIONS

This Torx bit socket is used for tightening or loosening fasteners with a T30 Torx head.

1. **Identify Fastener:** Ensure the fastener you are working with is a T30 Torx head. Using the incorrect size can damage both the fastener and the bit.
2. **Position Socket:** Place the Torx bit end of the socket squarely into the head of the fastener. Ensure the bit

is fully seated to prevent stripping.

3. **Apply Torque:** Using your attached drive tool, apply steady and controlled torque to tighten or loosen the fastener. Avoid sudden jerking motions, which can damage the tool or fastener.
4. **Remove Socket:** Once the task is complete, carefully remove the socket from the fastener and then from the drive tool.

MAINTENANCE

Proper maintenance will extend the life of your TEKTON Torx Bit Socket.

- **Cleaning:** After each use, wipe the socket clean with a dry cloth to remove dirt, grease, and debris. For stubborn grime, a mild degreaser can be used, followed by thorough drying.
- **Lubrication:** While not typically required for the bit itself, a light coat of rust-preventative oil can be applied to the chrome-plated socket body if storing in a humid environment.
- **Storage:** Store the socket in a dry, clean environment, preferably in a tool tray or box, to protect it from moisture and physical damage.
- **Inspection:** Periodically inspect the bit for signs of wear, rounding, or damage. Inspect the socket body for cracks or deformation. Discontinue use if significant wear or damage is observed.

TROUBLESHOOTING

While the TEKTON Torx Bit Socket is a robust tool, minor issues can sometimes arise.

Problem	Possible Cause	Solution
Bit slips or cams out of fastener head.	Incorrect bit size; Bit not fully seated; Worn fastener head; Excessive or angled force.	Ensure correct T30 size; Fully seat bit into fastener; Replace worn fasteners; Apply straight, steady force.
Socket does not attach securely to drive tool.	Detent ball on drive tool not engaging; Debris in socket drive end.	Push firmly until detent engages; Clean inside of socket drive end and drive tool tang.
Bit appears worn or rounded.	Normal wear over time; Over-torquing; Using on damaged fasteners.	Replace the socket if significantly worn; Use appropriate torque; Avoid using on severely damaged fasteners.

SPECIFICATIONS

Attribute	Detail
Brand	TEKTON
Model Number	SHB14230
Drive Size	3/8 Inch
Bit Type	T30 Torx
Material	Alloy Steel (S2 Steel Bit)
Finish Type	Polished Chrome
Overall Length	1.9 inches
Shaft Diameter	0.25 inches
Drive End Diameter	0.70 inches
Exposed Bit Length	0.8 inches
Item Weight	0.01 ounces
UPC	020209024621

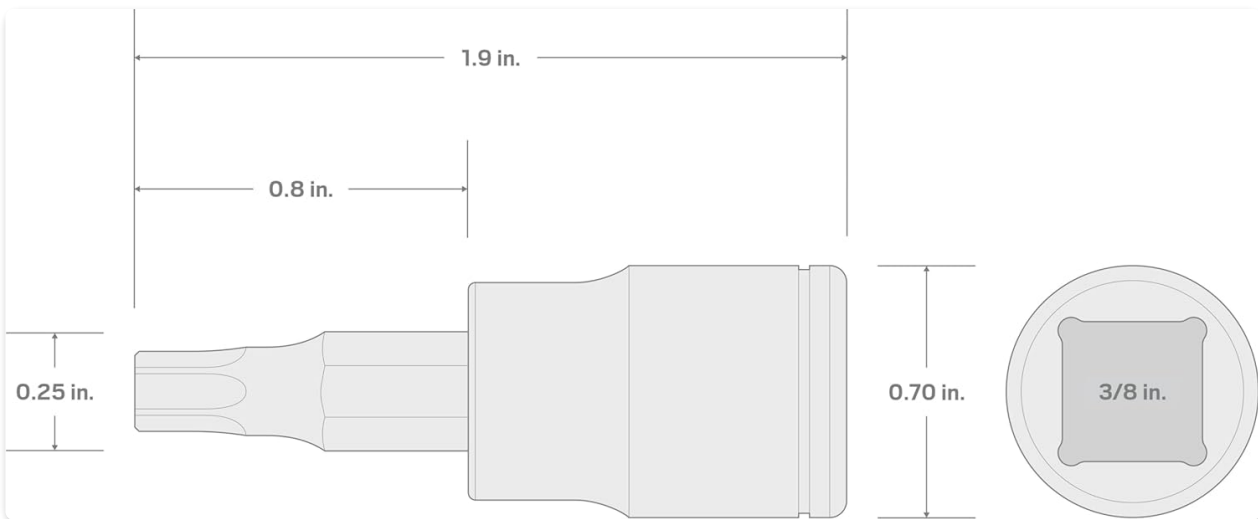


Image: Technical drawing showing the dimensions of the TEKTON 3/8 Inch Drive x T30 Torx Bit Socket.

WARRANTY & SUPPORT

TEKTON stands behind the quality of its products. This product is covered by TEKTON's warranty policy.

Warranty Description: No time limits, no receipts. For full details on the warranty policy and to make a claim, please visit the official TEKTON website.

For additional support, product information, or to view other TEKTON tools, please visit the [TEKTON Store on Amazon](#) or the official TEKTON website.

