

uxcell a19061000ux0594

uxcell T27 Magnetic Torx Screwdriver Bit User Manual

Model: T27 (a19061000ux0594)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your uxcell T27 Magnetic Torx Screwdriver Bit. Please read this manual thoroughly before use and retain it for future reference.

The uxcell T27 Magnetic Torx Screwdriver Bit is designed for precision fastening tasks, featuring a tamper-proof design and strong magnetic tip for enhanced efficiency. Constructed from durable S2 alloy steel, it is suitable for various applications with electric screwdrivers, hand screwdrivers, electric drills, and air drills.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses, when using power tools or hand tools.
- Ensure the screwdriver bit is securely seated in the chuck or driver before operation.
- Do not apply excessive force that could damage the bit or the fastener.
- Keep hands and fingers clear of rotating parts when using with power tools.
- Store the bit in a dry place to prevent rust and corrosion.
- Keep out of reach of children.

3. PRODUCT OVERVIEW AND FEATURES

The uxcell T27 Magnetic Torx Screwdriver Bit is engineered for durability and precision. Its key features include:

- **Strong Magnetic Tip:** Designed to securely hold screws, improving efficiency during installation and removal.

- **Tamper-Proof Design:** Features a hole in the center, making it suitable for security fasteners and preventing cam-out.
- **High-Quality Material:** Made from S2 alloy steel, known for its high hardness and durability, ensuring a long service life.
- **Precision Workmanship:** Each edge is crafted to accurately engage screws, minimizing damage to both the screw and the bit.
- **Versatile Compatibility:** Equipped with a 1/4-inch hex shank, compatible with most standard sockets, screwdrivers, drill/driver kits, and power tool attachments.

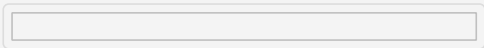


Figure 3.1: Overall view of the uxcell T27 Magnetic Torx Screwdriver Bit.

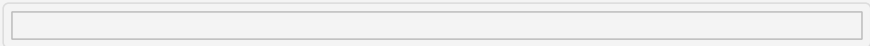


Figure 3.2: The bit measures 150mm (5.9 inches) in total length.

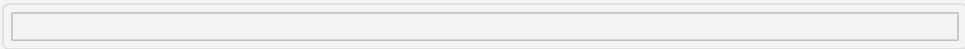


Figure 3.3: Detail of the 1/4-inch hex shank for universal compatibility.

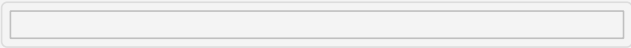


Figure 3.4: Close-up of the T27 Torx bit tip, showing the tamper-proof design.

4. SPECIFICATIONS

Attribute	Value
Brand	uxcell
Bit Type	T27 Torx
Shank Size	1/4-inch Hex
Total Length	150mm / 5.9-inch
Material	S2 Alloy Steel
Surface Treatment	Sandblasting
Drive System	Hex, Torx
Number of Pieces	1
Item Weight	0.634 ounces
Model Number	a19061000ux0594

5. SETUP

The uxcell T27 Magnetic Torx Screwdriver Bit is designed for quick and easy setup with compatible tools.

1. **Select Compatible Tool:** Ensure you are using an electric screwdriver, hand screwdriver, electric drill, or air drill with a 1/4-inch hex chuck or bit holder.

2. **Insert Bit:** Insert the 1/4-inch hex shank of the uxcell T27 bit firmly into the chuck or bit holder of your chosen tool.
3. **Secure Bit:** For power tools, tighten the chuck securely to prevent the bit from slipping during operation. For hand tools, ensure the bit is fully seated.
4. **Verify Fit:** Gently pull on the bit to confirm it is properly secured before beginning work.

6. OPERATING INSTRUCTIONS

Follow these steps for effective use of your uxcell T27 Magnetic Torx Screwdriver Bit:

1. **Identify Fastener:** Confirm that the fastener you intend to work with is a T27 Torx screw, especially a tamper-proof type if applicable.
2. **Position Bit:** Place the tip of the T27 bit directly into the head of the screw, ensuring full engagement. The magnetic tip will help hold the screw in place.
3. **Apply Pressure:** Apply firm, steady pressure along the axis of the screw to prevent cam-out and ensure proper torque transfer.
4. **Rotate:**
 - For **tightening**, rotate clockwise.
 - For **loosening**, rotate counter-clockwise.
5. **Controlled Operation:** When using with power tools, operate at an appropriate speed and torque setting for the material and fastener to avoid stripping the screw head or damaging the bit.
6. **Removal:** Once the screw is loosened or tightened, carefully withdraw the bit from the fastener. The magnetic tip will assist in retaining the screw upon removal.

7. MAINTENANCE

Proper maintenance will extend the life and performance of your screwdriver bit:

- **Cleaning:** After each use, wipe the bit clean with a dry cloth to remove any debris, dust, or metal shavings.
- **Storage:** Store the bit in a dry environment to prevent rust. A tool box or bit organizer is recommended.
- **Inspection:** Periodically inspect the bit for signs of wear, such as rounding of the tip or shank, or any cracks. Replace the bit if significant wear or damage is observed to ensure optimal performance and safety.
- **Lubrication:** No lubrication is required for this product.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bit slips or cam-out occurs	Insufficient pressure; incorrect bit size; worn screw head; worn bit.	Apply more axial pressure; ensure correct T27 size; replace screw if head is stripped; replace bit if worn.
Screw not held by magnetic tip	Screw material is non-ferrous; weak magnetic attraction (unlikely for new bit).	Confirm screw is made of magnetic material; ensure bit is clean.

Problem	Possible Cause	Solution
Bit does not fit into tool chuck	Incorrect chuck size; debris in chuck.	Ensure tool has a 1/4-inch hex chuck; clean chuck thoroughly.

9. WARRANTY AND SUPPORT

For information regarding warranty, returns, or technical support for your uxcell T27 Magnetic Torx Screwdriver Bit, please refer to the purchase documentation or contact uxcell customer service directly. You can often find support information on the official uxcell website or through the retailer where the product was purchased. For general inquiries, visit the [uxcell Store on Amazon](#).

