

uxcell a15080400ux0593

User Manual for uxcell Hexagon M6 x 30mm Nylon Plastic Screws

Model: a15080400ux0593 | Brand: uxcell

1. INTRODUCTION

This manual provides essential information for the proper use and handling of uxcell Hexagon M6 x 30mm Nylon Plastic Screws. These fasteners are designed for applications requiring insulation and corrosion resistance, commonly found in electronics, communication equipment, and machinery.



The image displays a group of ten white uxcell Hexagon M6 x 30mm Nylon Plastic Screws, showcasing their hexagonal heads and threaded bodies. These screws are made from durable nylon plastic.

2. PRODUCT FEATURES

- **Product Name:** Hexagonal Head Screw; **Type:** M6 x 30mm; **System of Measure:** Metric
- **Thread Diameter (B):** 6mm (0.236"); **Thread Length (L):** 30mm (1.181"); **Thickness of Screw Head (A):** 4.0mm (0.157")
- **Diameter of Screw Head (C):** 10mm (0.394"); **Thread Pitch:** 1.0mm (0.039")
- **Material:** Plastic (Nylon 66); **Color:** Grey White
- **Net Weight:** 12g (for the package); **Package Content:** 10 Pcs x Hexagonal Head Screw
- RoHS Certified quality, ensuring compliance with environmental standards.

3. SETUP AND INSTALLATION

These M6 x 30mm hexagonal head screws are designed for manual or power tool installation into pre-tapped holes or with appropriate nuts. Ensure the receiving thread matches the M6 metric standard. For optimal performance and to prevent damage, avoid overtightening.

To install, align the screw with the threaded hole. Use a suitable wrench or socket for the hexagonal head.

Turn clockwise to tighten. Ensure the screw is seated firmly but do not apply excessive torque, especially when fastening into softer materials or plastic components, as this can strip the threads or damage the screw head.

4. OPERATING PRINCIPLES

uxcell nylon plastic screws function as general-purpose fasteners, providing secure connections in various applications. Their plastic construction offers excellent insulation properties, making them suitable for use in electronics and electrical equipment where metal fasteners might cause short circuits or interference. They also provide inherent resistance to corrosion, making them an ideal choice for environments exposed to moisture, chemicals, or where non-magnetic properties are required.

5. MAINTENANCE AND CARE

Nylon plastic screws generally require minimal maintenance. Keep them clean and free from debris. Avoid exposure to extreme temperatures, prolonged direct sunlight, or harsh chemicals that could degrade the plastic material. Store unused screws in a cool, dry place to preserve their material integrity. Periodically inspect installed screws for any signs of wear, cracking, or damage, especially in high-vibration environments or applications with frequent temperature fluctuations. Replace any damaged screws immediately to maintain structural integrity and ensure continued performance.

6. TROUBLESHOOTING

- **Screw not tightening:** Ensure the hole is properly threaded and matches the M6 size. Check for any debris or obstructions in the threads. If the screw spins freely without engaging, the threads may be stripped, or the hole is too large. In such cases, replace the screw or consider using a larger diameter fastener if the application allows.
- **Screw head stripping:** This often occurs due to excessive torque during installation or using an ill-fitting tool. Always use the correct size hexagonal wrench or socket and apply steady, controlled force. If the head is stripped, carefully extract the screw using appropriate tools (e.g., screw extractor) and replace it with a new one.
- **Screw breaking:** Plastic screws can break if subjected to excessive stress, impact, or overtightening. Ensure the screw is rated for the intended load and avoid applying torque beyond its recommended limit. If higher strength is consistently required, consider reinforcing the connection or using a metal fastener if insulation is not critical.

7. SPECIFICATIONS

Attribute	Detail
Package Dimensions	5.63 x 3.78 x 0.79 inches; 0.35 ounces
Item Model Number	a15080400ux0593
Date First Available	November 5, 2015
Manufacturer	uxcell
ASIN	B017LB3JQW
Material	Nylon, Plastic

Thread Size	M6
Head Style	Hex
Color	White
Fastener Type	Hexagon Bolt

8. WARRANTY INFORMATION

Specific warranty information for uxcell Hexagon M6 x 30mm Nylon Plastic Screws is not detailed in the provided product specifications. For warranty inquiries or product support, please refer to the manufacturer's official website or contact uxcell customer service directly for the most current information.

9. SUPPORT INFORMATION

For further assistance, technical support, or to explore other uxcell products, please visit the official uxcell store online. You can find contact information and additional resources there.

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