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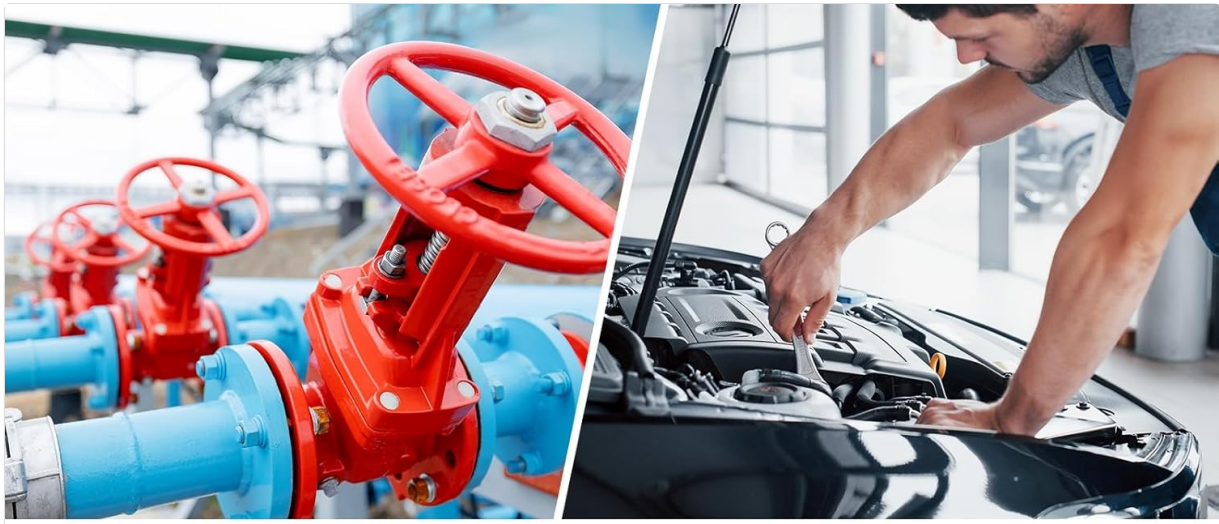
> uxcell M3 x 6mm 304 Stainless Steel Hex Bolt Set Instruction Manual

uxcell M3 x 6mm

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1. PRODUCT OVERVIEW

The uxcell M3 x 6mm 304 Stainless Steel Hex Bolt Set is a versatile fastening solution suitable for a wide range of applications. These fully threaded hex bolts are commonly used in home improvement projects, electronic and mechanical equipment assembly, communication infrastructure, automotive repairs, and lighting installations. They provide reliable fastening for various tasks, including securing musical instruments, furniture, panels, and decorative elements.



WIDE APPLICATIONS

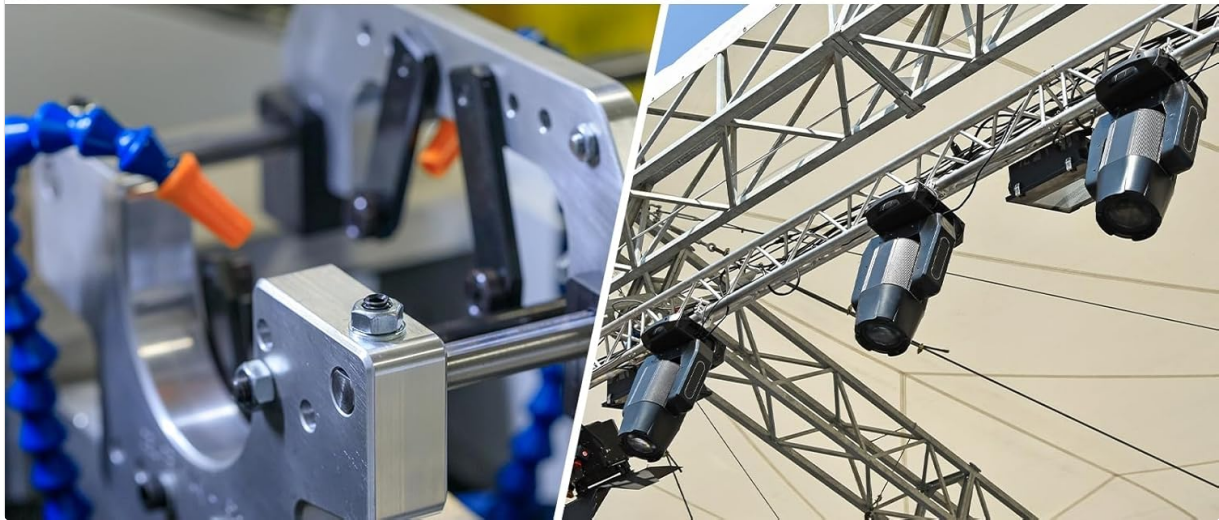


Figure 1: Wide Applications of Hex Bolts

2. PRODUCT CONTENTS

Each package contains 50 sets of M3 x 6mm hex bolts, nuts, flat washers, and lock washers. All components are made from 304 stainless steel, featuring a silver finish. The bolts have a thread size of M3 with a length of 6mm, a head size of 5.5mm (diameter) x 2mm (thickness), and a thread pitch of 0.5mm.

PRODUCT SIZE



Figure 2: Product Dimensions and Components

3. FEATURES AND ADVANTAGES

- **Durable Material:** Constructed from 304 stainless steel, these hex bolts offer exceptional durability and corrosion resistance, ensuring a long service life.
- **Reliable Fastening:** Designed for wear resistance, providing uniform force distribution and reliable tightening performance.
- **Enhanced Stability:** The inclusion of flat and lock washers in each set helps to evenly distribute pressure across the bolt head and nut, minimizing vibration and preventing loosening, especially on uneven surfaces.

304 Stainless Steel Hex Bolts



Rust
Resistance



Corrosion
Resistance



High Hardness



Durability



Figure 3: Key Features of 304 Stainless Steel Hex Bolts

PRODUCT DETAILS

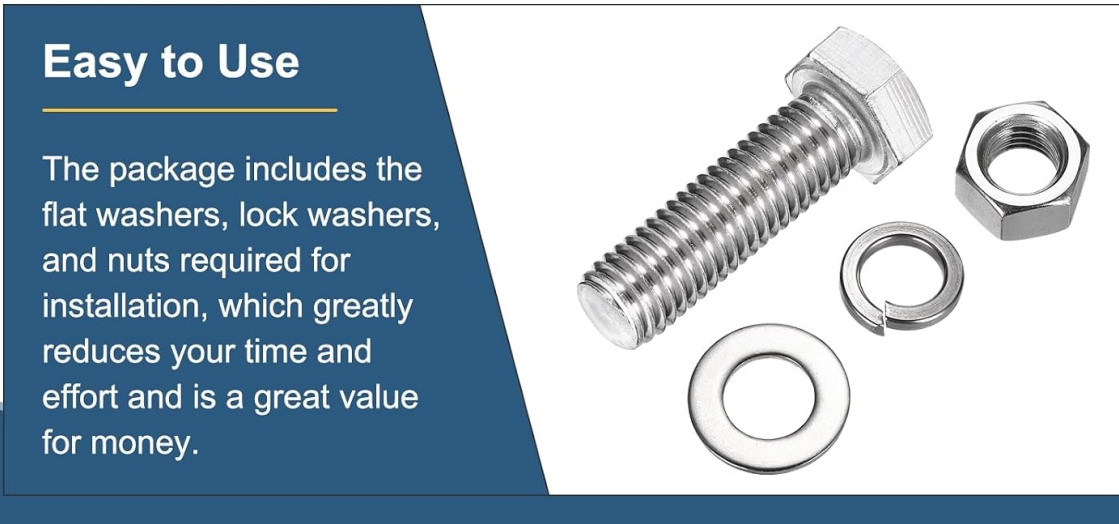
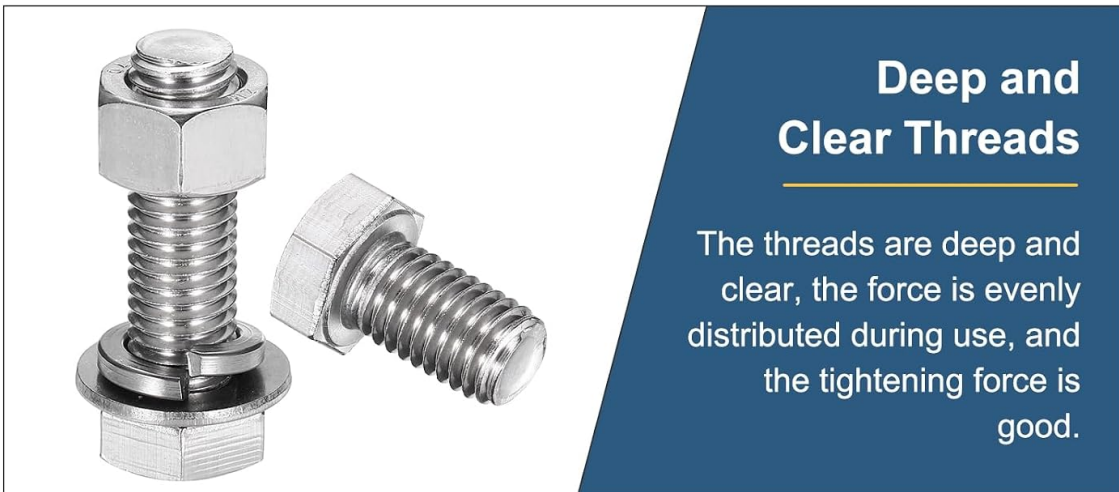


Figure 4: Product Details - Threads and Ease of Use

4. SPECIFICATIONS

Attribute	Value
Size	M3 x 6mm
Material	304 Stainless Steel
Brand	uxcell
Product Dimensions (L x W x H)	6 x 3 x 5 mm
Unit Count	50 sets
Manufacturer Part Number	a25032500ux3721jp
Country of Origin	China

5. INSTALLATION GUIDE

Follow these steps for proper installation:

1. Insert the hex bolt through the designated hole in your assembly.
2. Place the flat washer, followed by the lock washer, onto the bolt if required for your application.
3. Thread the nut onto the bolt.
4. Use an appropriate wrench or tool to tighten the nut securely.
5. Verify that the assembly is properly aligned and the fastener is tightened to the required specification.



Figure 5: Tightening a Hex Bolt during Installation

6. MAINTENANCE

To ensure the longevity and optimal performance of your hex bolts, consider the following maintenance tips:

- Regularly inspect the installed hex bolts for any signs of wear, corrosion, or loosening.
- Replace any damaged or worn components immediately to ensure continued performance and safety.
- Always confirm the correct bolt type and size for your specific application before purchase and

installation.

7. TROUBLESHOOTING

While these hex bolts are designed for reliability, here are some common issues and solutions:

- **Loose Fastening:** If a bolt becomes loose, re-tighten it using the appropriate tool. If it repeatedly loosens, consider adding a thread-locking compound or replacing the lock washer.
- **Stripped Threads:** If threads are stripped on either the bolt or the nut, replace both components. Do not attempt to force a stripped fastener.
- **Corrosion:** Although made of 304 stainless steel, extreme environments can still cause surface discoloration. If significant corrosion occurs, replace the affected fasteners.

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your uxcell M3 x 6mm 304 Stainless Steel Hex Bolt Set, please refer to the manufacturer's official website or contact uxcell customer service directly. Ensure you have your purchase details available when seeking support.

For more products and information, visit the [uxcell Store on Amazon](#).