

## Eccentric Bolt

### Basic Information

- Price: Negotiation



### Product Specification

## Product Description

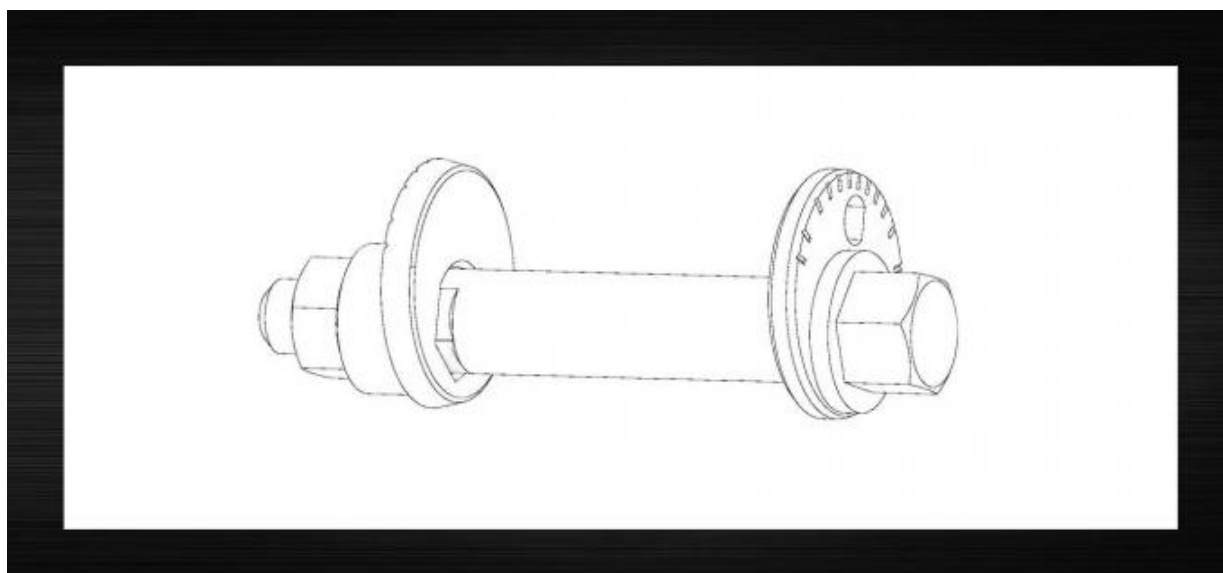
### Features Products Specifications Application

Masuma bolt and nut series are generally divided into eccentric bolts and wheel bolts and nuts.

#### ■ ECCENTRIC BOL



Eccentric bolts are a common vehicle fastener that can be used to adjust the wheel camber to keep the vehicle running in balance. The eccentric bolts in the traditional are of low strength and are prone to slipping buckles and thread failure when adjusting the front wheel beam angle and need to be replaced with new eccentric bolts.



If the wheel camber is outside the standard range of use, it can only be adjusted by using eccentric bolts, which ensure that the wheel data is normal and prevent wheel wear.

The eccentric bolt consists of a bolt head, an eccentric gasket and a bolt. The bolt head, the eccentric gasket and the bolt are connected in sequence, the bolt head and the eccentric gasket are not centred and the threads of the bolt are provided with a U-shaped positioning groove, which is a simple, easy to use and safer eccentric bolt.

#### ■ Hub bolt



Wheel bolts: mechanical components, cylindrical threaded fasteners of nuts. A type of fastener consisting of two parts, the head and the screw (a cylinder with external thread), which needs to be fitted with a nut and is used to fasten two parts with through-holes. This form of connection is called a bolt connection. If the nut is screwed off from the bolt, and the two parts can be separated, so the bolt connection is a removable connection.

Wheel nut: is the nut, and the bolt or screw screwed together to play a fastening role in the parts, all production and manufacturing machinery must use a component according to the different materials, divided into several types of carbon steel, stainless steel, non-ferrous metal (such as copper).

Wheel bolts are high-strength bolts that connect the wheels of a vehicle. The connection position is the hub unit bearing of the wheel. 10.9 grade bolts are generally used on micro passenger cars and 12.9 grade bolts are used on medium and large vehicles. The structure of the wheel bolt is generally ball spline, thread and nut, and most of the T-head wheel bolts are of grade 8.8 or higher, undertaking the large torque connection between the wheel hub and the axle of the vehicle.

## Product Description

### Eccentric bolts, wheel bolts:

1. 40Cr material has good comprehensive mechanical properties and low temperature impact toughness.
2. The strength of the screw reaches 10.9 grade.
3. Hardness: 32-39HRC.
4. Thread accuracy grade: 6H.
5. Screw and gasket between the use of rolled riveting process treatment.
6. Surface treatment: environmental protection zinc and Dacromet.
7. Plating thickness: 4-8um.
8. Salt spray test: 5% NaCl, no red rust for 48 hours .

### WHEEL NUT



### Wheel nuts:

1. 35K material has good overall mechanical properties. The highest quenching hardness that can be achieved is about HRC55, after high temperature tempering, it can reach 33-39 HRC.
2. The strength of the nut reaches 10 grade.
3. Hardness: 30-35HRC
4. Thread accuracy grade: 6H
5. Surface treatment: chrome plated
6. Plating thickness: 15\*20 um
7. Salt spray test: 5% NaCl, no red rust for 48 hours

## Caution

1. When dismantling, pay attention to evenly loosening the diagonal, so that the spanner is perpendicular to the tyre screw, to avoid the tyre screw being bent by the force and thus causing the screw to break.
2. When installing, pay attention to the installation of the diagonal, the diagonal in uniform tightening, do not tighten at once, and do not install the screws all on one side of the wheel, so as to make the screws evenly stressed and avoid deformation of the rim.
3. Do not grease the wheel bolts, as grease will reduce the friction between the threads and reduce the self-locking effect of the bolts, resulting in a greater likelihood of the bolts loosening.

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Our market philosophy is to find and develop the most suitable market for us and strive to achieve the highest market share.  
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Our Universal Parts are designed and produced with precision and accuracy.  
We always insist on giving full play to the cost-effective advantages of our Bolt And Nut Series to serve all of our customers.  
Our Universal Parts are backed by a quality guarantee and customer satisfaction policy.  
Together, our team strives to achieve sustainable growth in our business.  
Our Universal Parts are manufactured in compliance with international quality standards.  
We are committed to providing customer satisfaction services and enhancing consumer loyalty to our brand, because once brand loyalty is formed, it will have an impact on brand equity.

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