



**Wuxi SDO stainless steel Co., Ltd**

## **Stainless Steel SQUARE BAR**



The allowable range of geometric shape deviation of stainless steel angle bar is also stipulated in the standard, which generally includes items such as curvature, edge width, edge thickness, top angle, theoretical weight, etc., and stipulates that stainless steel angle steel must not have significant torsion. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

### **What Is Square Bar?**

Stainless steel square steel refers to a long strip of steel rolled or processed into a square section.

### **What Are The Features Of Stainless Steel Square Bar?**

1. 316L stainless steel square steel  
316L is molybdenum-containing stainless steel. Because the steel contains [www.sdosssheet.com](http://www.sdosssheet.com) [shirley@sdosssheet.com](mailto:shirley@sdosssheet.com)

molybdenum, the overall performance of this steel is better than 310 and 304. Stainless steel has high temperature. When the concentration of sulfuric acid is lower than 15% and higher than 85%, 316L stainless steel has a wide range of uses. 316L stainless steel also has good resistance to chloride corrosion, so it is usually used in marine environments.

#### 2. 316 stainless steel square steel

Because of the addition of Mo, its corrosion resistance, atmospheric corrosion resistance and high temperature strength are particularly good, and it can be used under harsh conditions; it has excellent work hardening properties (non-magnetic).

#### 3. 304L stainless steel square steel

304L stainless steel square steel is a variant of 304 stainless steel with lower carbon content, due to the occasions where welding is required. The lower carbon content minimizes the precipitation of carbides in the heat-affected zone near the weld, and the precipitation of carbides may cause stainless steel to produce intergranular corrosion (welding erosion) in certain environments.

#### 4. 304 stainless steel square steel

304 stainless steel square steel is universal stainless steel. It is widely used to make equipment and parts that require good performance (corrosion resistance and formability). It is a grade of stainless steel produced in accordance with the American ASTM standard.

## Processing Service Of Stainless Steel Square Bar

1. Drawing deep processing
2. Welding [stainless steel square bar](#)
3. Cutting and punching

## Applications Of Stainless Steel Square Bar

1. Vehicle/Automotive Industry
2. Water industry
3. Construction industry
4. Home appliance industry