



Wuxi SDO stainless steel Co., Ltd

Stainless Steel ROUND BAR



Round steel refers to a solid strip with a circular cross section just now. Its specifications are expressed in diameter in millimeters (mm). They belong to the category of long products and rods and are generally about four meters long. It can be divided into light circle and black rod. The so-called light circle refers to the smooth surface and comes from the quasi-rolling treatment; while the black rod refers to the black and rough surface, which is directly hot rolled. Wuxi SDO [stainless steel factory](#) can provide various stainless steel products to meet your needs.

What Are The Specifications of Stainless Steel Round Bar?

In practical applications, there are stainless steel round bars made of different materials. The common materials and characteristics are as follows.

1. 310S stainless steel round bar

310S stainless steel is an austenitic chromium-nickel stainless steel with good www.sdosssheet.com shirley@sdosssheet.com

oxidation resistance and corrosion resistance. Because of the higher percentage of chromium and nickel, 310S has much better, such as variable strength, and can continue to operate at high temperatures. It has good High temperature resistance.

2. 316L

316L stainless steel round steel, as a cold-rolled product, has a good appearance and gloss. At the same time, it has excellent corrosion resistance due to the addition of Mo. Like 310S, 316L also has good high temperature resistance, as well as its excellent work hardening and solid solution state non-magnetic.

3. 316

316 stainless steel is the second most widely used steel after 304. It is mainly used in food industry and surgical equipment. Therefore, its corrosion resistance and atmospheric corrosion resistance and high temperature strength are particularly good. It can also be used under harsh conditions.

4. 304

[304 stainless steel round bar](#) is one of the most widely used chromium-nickel stainless steels, with good corrosion resistance, heat resistance, low temperature strength and mechanical properties. It is resistant to corrosion in the atmosphere. If it is an industrial or heavily polluted area, it needs to be cleaned in time to avoid corrosion.

The above are the common materials and characteristics of stainless steel round steel. Of course, there are other materials in practical applications, such as 304L, 2520, 201, 202 and so on.

What Are the Uses Of Stainless Steel Round Bar?

The application prospect of stainless steel round steel is broad. It is widely used in hardware and kitchenware, shipbuilding, petrochemical, machinery, medicine, food, stores, energy, aerospace, etc., building decoration, chemistry, dyes, papermaking, oxalic acid, fertilizers and other production equipment, etc. Wait for the occasion. In practical applications, the surface treatment of stainless steel round steel can be used as industrial surface, brushed surface, bright surface, and can be polished again.