



## 410 Stainless Steel Strip

Ningbo Qihong Stainless Steel Co., Ltd. is specialized in operating stainless steel high-precision steel strips, made of 301, 304, 316L, 410 and other soft and hard materials, with a thickness of 0.02mm-4.0mm and a width of 2-1500mm, which can also be customized according to needs. The material of 410 stainless steel strips has different properties, including not only the performance of use, but also the performance of processing. Therefore, it has a very good advantage compared with other stainless steel strips.

410 stainless steel strip is a nickel-free stainless steel and a martensitic stainless steel. It has good hardenability, strong hardness and toughness, and good cold deformation performance and shock absorption. High temperature or low temperature tempering is required, but preferably not tempering between 370-560 ° C.

Because of its high strength and relatively light weight, 410 stainless steel strip can absorb more energy than other metal materials, especially after being impacted, and have good safety performance. They are key application materials in the automobile transportation industry.

410 stainless steel strip is a kind of stainless steel strip with a ferrite structure in use, with a chromium content of 11% to 30%, and a body-centered cubic crystal structure. This type of stainless steel usually does not contain nickel, and some also contain a small amount of Mo, Ti, Nb and other elements, which have a large thermal conductivity, a small expansion coefficient, good oxidation resistance, and excellent stress corrosion resistance. Parts corroded by water vapor, water and oxidizing acid.

## Product Parameter (Specification)

Material	304 316 301 310 430 201 400 420 421
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Surface	NO.1, NO.4, 2D, 2B, BA, 6K, 8K, Mirror, etc
Thickness	0.02mm-4.0mm/Customized
Length	200-3500 mm or customized
Width	2-1500 mm or customized
Standard	ASTM, JIS, GB, AISI, DIN, BS, EN
Certifications	SGS ISO9001
Packing	Industry standard packaging or according to client's requirement
Brand	TISCO, POSCO, BAO STEEL, TSINGSHAN, QIYI STEEL etc .
Payment terms	L/C, T/T
Delivery time	Up to order quantity, contact us to know

## Product Feature And Application

410 stainless steel has good tensile strength, creep strength and fatigue strength. After annealing, it can be moderately stretched and formed, and has quite good cold workability. Heat treatments for Grade 410 include annealing, hardening, quenching, tempering and stress relieving. As a martensitic steel, 410 stainless steel is one of the most difficult stainless steels to weld, and the main applications are as follows:

- 1) Steam turbine
- 2) Jet engine
- 3) Gas turbine
- 4) Steam valve
- 5) Tray valve
- 6) Pump shaft
- 7) Turbine blades
- 8) Bolts
- 9) Flat spring
- 10) Knife



11) Kitchen Utensils

12) Hand tools

13) Miscellaneous

## **Product Details**



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