

## STAINLESS STEEL

**Gestión de Compras** supplies stainless steel bars and profiles, seamless and welded pipes and wires. Also, **Gestion de Compras** provides coils and plates cold and hot rolled.

Stainless steel is the alloy of iron and carbon, with less than 12% chromium. May also contain other materials, such as nickel.

Who converts the stainless steel is chromium, because chromium reacts with oxygen and prevents corrosion. This alloy has several properties. First, it has a high resistance to corrosion and oxidation in high temperatures environments. Has the same mechanical properties as steel. Steel is a material with high availability, so the total cost is very low. Finally, the stainless steel has a smooth surface, bright and undamaged. For this reason, good aesthetic finish is another of their properties.

There are four types of stainless steels. The ferritic stainless steel, which contains only chromium. Its main feature is its magnetism. Austenitic stainless steel, more than 7% nickel. Martensitic stainless steel, which structure comprises martensite. Finally, the duplex stainless steel: combination of the first two types.

### Austenitic

AISI 304 (EN 1.4301), AISI 304L (EN 1.4307), AISI 201 (EN 1.4372), AISI 301 (EN 1.4310), AISI 316 (EN 1.4401), AISI 316L (EN 1.4404), AISI 316L (EN 1.4432) AISI 316Ti (EN 1.4571), AISI 321 (EN 1.4541), AISI 309S (EN 1.4833), AISI 310S (EN 1.4845)

### Ferritic

AISI 430 (EN 1.4016), AISI 430Ti (EN 1.4510), AISI 430Nb (EN 1.4511), AISI 434 (EN 1.4113) AISI 444 (EN 1.4521), AISI 409L (EN 1.4512)

## Duplex

S2001 (EN 1.4482), S2304 (EN 1.4362), S2205 (EN 1.4462)

## Martensitic

AISI-420 (EN 1.4028)

For his properties, its use is widespread. In particular, for its strength, its hygienic and good aesthetic result is a raw material with a high demand. It is used in machinery and industrial tools, construction, domestic, household utensils, cutlery, appliances, telephony and automotive.

## CONTACT:

In **Gestión de Compras** work with a wide range of customers from different sectors but have in common the search for products that suit your needs at the best Price and the guaranteed maximum quality. Check with us about any product. We have a qualified staff who will advise you.

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