

Stainless Steel 15-5PH

UNS S15500

Characteristics.

- It is a precipitation hardening alloy.
- It presents a high hardness, and moderate corrosion resistance.
- It was designed to have a greater toughness. Is used in applications requiring high flexural strength and toughness such as engine parts, aircraft components, components of nuclear reactors, etc.

Shape or Presentation

- Plate
- Sheet
- Tube
- Tubing
- Bar
- Wire

Chemical Composition %

Mn	Ni	C	Si	Cu
1.0	3.50 - 4.50	0.07	1.0	2.50 - 4.50
P+S	Mo	Cr	Cb	Fr
0.03P - 0.015S max	0.50	14.0 - 15.50	0.45	Balance