

# Stainless Steel 17-4PH

## UNS S17400

### Characteristics.

- Stainless Steel martensitic precipitation hardened.
- Composite chromium-nickel-copper.
- High strength and hardness.
- Resistant to corrosion and oxidation in most environments.
- For better corrosion resistance must be free of husk.
- Not usable above 300 ° C and cryogenic temperatures.
- It is magnetic.
- Used in aerospace, petroleum, chemical and food processing equipment, processes nuclear waste, pulp and paper industry, pumps, parts for turbines, etc.

### Shape or Presentation

- Plate
- Bar
- Tube
- Tubing
- Wire
- Flanges

### Chemical Composition %

Cr	Mn	C	Si	Cu
15.00/17.50	1.00 max	0.07 max	1.00 max	3.00/5.00
P	S	Ni	Nb+Ta	
0.04 max	0.03 max	3.00/5.00	0.15/0.45	