

Stainless Steel 17-7PH

UNS S17700

Characteristics.

- Stainless semiaustenitic in the annealed condition, but martensitic tempered state; precipitation hardened.
- High strength and hardness.
- Corrosion resistant.
- Is easily formed.
- For better corrosion resistance must be free of husk.
- In heat treated condition it provides outstanding mechanical properties at temperatures up to 900 ° F (482 ° C).
- Use in springs, washers, surgical specimens, knives, clips, etc..

Shape or Presentation

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

Chemical Composition %

Cr	Mn	C	Si	Al
16.00 - 18.00	1.00 max	0.090 max	1.00 max	0.75 - 1.50
P	S	Ni	Fe	
0.040 max	0.030 max	6.50 - 7.75	Balance	