



## INCONEL 600

### Description

A nickel-chromium alloy used in chemical and food processing, nuclear engineering, sparking electrodes, and furnace components. Inconel 600 is created with a resistance to chloride-ion stress-corrosion cracking, caustic corrosion, corrosion by high-purity water, and good oxidation resistance at high temperatures.

### Forms Available

- Pipe
- Fittings
- Flanges
- Plate
- Bar
- Forging

### Specifications

UNS N06600

Welded Pipe

Smls Pipe

Flanges

Fittings

Plate

Bar

ASTM/ASME 517

ASTM/ASME 167

ASTM/ASME 564

ASTM/ASME 366

ASTM/ASME 168

ASTM/ASME 166

### Limiting Chemical Composition, %

Nia...72.0 min.

Si....0.5 max.

Cr....14.0 – 17.0

S....0.015 max.

Fe....6.0 – 10.0

Cu.. 0.5 max.

Mn...1.0 max.

C.....0.15 max.

\*a denotes- Plus Co