



## INCONEL 800

### Description

Nickel-iron-chromium alloys with higher creep-rupture strength. The close control of the aluminum, titanium, and carbon contents in conjunction with a high-temperature anneal result in the higher strength. Incoloy 800 is used in industrial furnaces, chemical and petrochemical processing, power plants for super-heater and re heater tubing, and heat-treating equipment.

### Forms Available

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

### Specifications

UNS N08800

Welded Pipe	ASTM/ASME 514
Smls Pipe	ASTM/ASME 407
Flanges	ASTM/ASME 564
Fittings	ASTM/ASME 366
Plate	ASTM/ASME 409
Bar	ASTM/ASME 408

### Limiting Chemical Composition, %

Ni...30.0-32.0	Ti...0.20-0.50
Fe...41.0~47.0	Al+Ti...0.40-0.90
Cr...19.0-21.5	
C.....0.10 max	
Al...0.20-0.40	