

INCONEL 600

UNS N06600

Characteristics.

- Known in the industry as alloy 600.
- Nickel-chromium alloy
- Corrosion resistant (in many organic and inorganic components) and high temperatures (from cryogenic temperatures to elevated temperatures in the range of 2000 ° F).
- Not magnetic.
- Excellent mechanical properties.
- Good weldability.
- Its high nickel content can maintain resistance under reducing conditions.
- Generally immune to stress corrosion cracking caused by chloride ion.
- Can be formed cold or hot (between 1600 ° F – 2250 ° F and 1200 ° avoid work it between F – 1600 ° F ductility because it decreases) using typical processes.
- Used in the chemical, pulp and paper, nuclear, aerospace, thermal treatment, food processing, etc.

Shape or Presentation

- Print
- Plate
- Bar
- Tube
- Tubing
- Connections

Chemical Composition, %

Ni + Co	Cr	Fe	C
72.0 min	14.0 – 17.0	6.0 – 10.0	0.15 max
Mn	S	Si	Cu
1.00 max	0.015 max	0.50 max	0.50 max

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