

HASTELLOY C-276

UNS N10276

Characteristics.

- Also known by other names: Alloy C276, Hastelloy C or Inconel C-276.
- Super nickel alloy, molybdenum, chromium and tungsten addition.
- Excellent corrosion resistance, to pitting and crevice corrosion in reducing environments, and oxidation.
- It has excellent resistance to strong oxidizing solutions salts, such as ferric and cupric chloride.
- Is used in severe environments such as chemical processes, production control, production of pulp and paper, industrial waste treatment, etc.
- Other applications sour gas wells, pharmaceuticals and food processing equipment, pipes for gas desulfurization systems, pipelines, etc.
- Stretching can be forged by impact.
- It can be spun, stretched, embossed or perforated.

Shape or Presentation

- Print
- Plate
- Bar
- Tube
- Tubing
- Flanges and Fittings
- Welding

Chemical Composition %

Ni	Mo	Cr	Fe	W	Co
Balance	15.0 - 17.0	14.5 - 16.5	4.0 - 7.0	3.0 -4.5	2.5 max
Mn	C	V	p	S	Si
1.0 max	0.01 max	0.35 max	0.04 max	0.03 max	0.08 max