

INCOLOY 825

UNS N08825

Characteristics.

- Alloy nickel, iron and chromium with molybdenum and copper additions.
- Also known as Alloy 825.
- Wide corrosive and wear resistance.
- Enhanced aqueous corrosion resistance to.
- Resistance to reduction and oxidation of acids such as sulfuric and phosphoric acid.
- This nickel steel alloy is used for chemical processing, equipment pollution control, gas pipeline and oil, nuclear fuel reprocessing, acid production, etc.

Shape or Presentation

- Plate
- Bar
- Tube
- Tubing
- Sheet
- Lamina
- Accessories

Chemical Composition %

Ni	Fe	Cr	Mb	Cu	Ti
38.0 – 46.0	22.0 min	19.5 – 23.5	2.5 – 3.5	1.5 – 3.0	0.6 – 1.2
C	Mn	S	Si	Al	
0.5 max	1.0 max	0.03 max	0.5 max	0.2 max	

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