

HASTELLOY X

UNS N06002 DIN 2.4665

Characteristics.

- Known by other names: Alloy X, Inconel HX MR.
- Super alloy nickel, chromium, iron, molybdenum which gives exceptional resistance to high temperature. (2200 ° F).
- Oxidation resistance and cracking petrochemical applications.
- Easy to manufacture, easy to form it, weld or forge.
- Resistant carburization and nitridation.
- Is used in heat treatment equipment in nuclear engineering, parts for exhaust turbines, aircraft cabin heaters, combustion chambers for aircraft engines, industrial furnaces, gas turbines, petrochemical industry, etc.

Shape or Presentation

- Print
- Plate
- Bar

Chemical Composition %

Ni	Mo	Cr	Fe	W
Balance	8.0 – 10.0	20.5 – 23.0	17.0 – 20.0	0.2 – 1.0
Co	Mn	C	P	S
0.5 – 2.5	1.0 max	0.05 – 0.15	0.04 max	0.03 max
Si	Al	Ti	B	Cu
1.0 max	0.50 max	0.15 max	0.01 max	0.50 max