

RELIABLE PIPES & TUBES LTD.

GOVT. OF INDIA RECOGNIZED EXPORT HOUSE
 OHSAS 18001:2007 CERTIFIED ISO 14001:2004 CERTIFIED
 ISO 9001:2008 CERTIFIED PED CERT NO 01 202 IND/Q-11-0033

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HASTELLOY® X

ASTM B435, B366, B572, B619 B622, B626, B751, B775, B829
 UNS Number N06002
 DIN 2.4665

Other common names: Alloy X, Inconel® HX

Chemical Composition, %.

Ni	Mo	Cr	Fe	W	Co	Mn	C
Remainder	8.0-10.0	20.5-23.0	17.0-20.0	.2-1.0	.5-2.5	1.0 max	.05-.15
P	S	Si	Al	Ti	B	Cu	
.04 max	.03 max	1.0 max	.50 max	.15 max	.01 max	.50 max	

ASTM Specifications

Sheet/Plate	Bar
B435	B572

Mechanical Properties

Representative Tensile Properties, sheet

Temp° F	Tensile (psi)	.2% Yield (psi)	Elongation in 2" %
70	110,600	54,900	44
1000	89,000	35,600	49
1200	83,000	35,400	54
1400	67,000	34,400	53
1600	45,000	28,200	58