



ASTM A193 Grade B8T Class 1

Solution Annealed 321 Stainless Steel Bolting

ASTM A193 Grade B8T Class 1 is a bolting specification for carbide solution treated 321 stainless steel fasteners (metric) used for pressure vessels, valves, flanges and fittings for high pressure or high temperature service or other special purpose applications. We offer studs, bolts, cap screws, bars and other form of external threaded fasteners in B8T class 1 specification.



Chemical Composition (AISI 321 / UNS S32100)

Element	C	Mn	P	S	Si	Cr	Ni	N	Ti
Min	17.000	9.000	...	5*(C+N)
Max	0.080	2.000	0.045	0.030	1.000	19.000	12.000	0.100	0.700

Mechanical Properties

Attributes	All diameters (inches)
Tensile Strength, ksi	75
0.2% Yield Strength, ksi	30
% Elongation in 2 Inch	30
% Reduction of Area	50
Hardness HBW (HRB), max	223 (96)

Heat Treatment

Carbide solution treated



Products

Bolts Screws Studs Bars

Boltport Fasteners LLP

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We are India's premium industrial fasteners manufacturer providing precision build fastening solution for various industrial platforms, throughout the globe. Specialised in high alloyed & ASTM Fasteners

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