



## ASTM A193 Grade B8T Class 2

Solution Annealed & Strain Hardened 321 Stainless Steel Bolting

ASTM A193 Grade B8T Class 2 is a bolting specification for carbide solution treated and strain hardened 321 stainless steel fasteners (**imperial sized**) used for pressure vessels, valves, flanges and fittings for high pressure or high temperature service or other special purpose applications. Class 2 exhibit increased strength as compared to Class 1 fasteners. We offer studs, bolts, cap screws, bars and other form of external threaded fasteners in B8T class 2 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	Dia 3/4" and Under	3/4" to 1", incl	1" to 1-1/4", incl	1-1/4" to 1-1/2", Incl
Tensile Strength, ksi	125	115	105	100
0.2% Yield Strength, ksi	100	80	65	50
% Elongation in 2 Inch	12	15	20	28
% Reduction of Area	35	35	35	45
Hardness HBW (HRC), max	321 (35)	321 (35)	321 (35)	321 (35)

### Heat Treatment

Carbide solution treated and strain hardened



### Products

Bolts    Screws    Studs    Bars

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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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