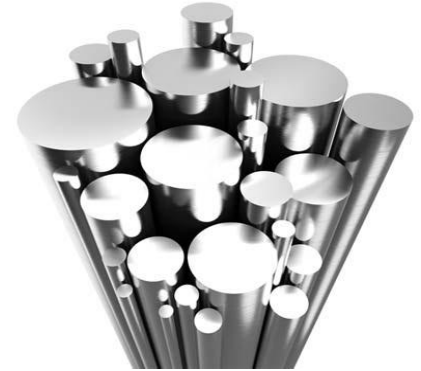


ASTM A193 Grade B8 is a material specification for 18-8 chromium nickel austenitic stainless steel, used for manufacturing of bolts, studs, stud bolts and other fasteners for bolting pressure vessels, valves, flanges and fittings for various process industries across major industrial sectors.



**Chemical Composition (Austenitic Stainless Steel, AISI 304/304L)**

Element	C	Mn	P	S	Si	Cr	Ni
Min	...	...			...	18.00	8.00
Max	0.08	2.00	0.045	0.030	1.00	20.00	11.00

**Mechanical Properties**

Tensile Classes ==>	Class 1	Class 1D	Class 2
Ultimate Tensile Strength, ksi (Mpa)	75 (515)	75 (515)	125 (860)
0.2% Yield strength, ksi (Mpa)	30 (205)	30 (205)	100 (690)
% Elongation (min)	30	30	12
% Reduction of Area (min)	50	50	35
Hardness HBW (max)	223 HBW / 96 HRB	223 HBW / 96 HRB	321 HBW / 35 HRC



**Products**

Bolts	Studs	Screws	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.