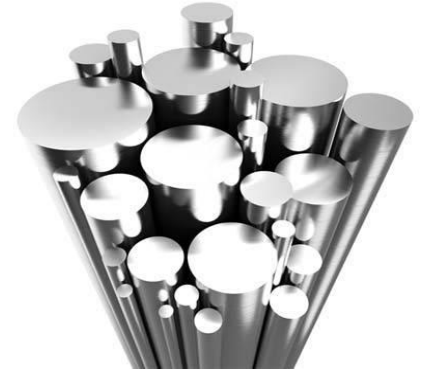


ASTM A193 Grade B8M is a material specification for chromium nickel austenitic stainless steel with addition of Molybdenum, used for manufacturing of bolts, studs, stud bolts and other fasteners for bolting pressure vessels, valves, flanges and fittings for various process industries across major industrial sectors.



## Chemical Composition (Austenitic Stainless Steel, AISI 316/316L)

Element	C	Mn	P	S	Si	Cr	Ni	Mo
Min	...	...			...	16.00	10.00	2.00
Max	0.08	2.00	0.045	0.030	1.00	18.00	14.00	3.00

## Mechanical Properties

Tensile Classes ==>	Class 1	Class 1D
Ultimate Tensile Strength, ksi (Mpa)	75 (515)	75 (515)
0.2% Yield strength, ksi (Mpa)	30 (205)	30 (205)
% Elongation (min)	30	30
% Reduction of Area (min)	50	50
Hardness HBW (max)	223 HBW / 96 HRB	223 HBW / 96 HRB



## 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.