

ASTM A193 Grade B6 is a material specification for 12% chromium-alloyed Ferritic 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 (12% Chromium Steel, AISI 410, UNS S41000)

Element	C	Mn	P	S	Si	Cr
Min	0.08	11.50
Max	0.15	1.00	0.040	0.030	1.00	13.50

Mechanical Properties

Size (Diameter, Inches) ==>	4 and under
Ultimate Tensile Strength, ksi	110
0.2% Yield strength, ksi	85
% Elongation (min)	15
% Reduction of Area (min)	50
Hardness HBW (max)	Not Defined
Minimum Tempering Temperature, °C	1100



Products

Bolts	Studs	Screws	Bars
-------	-------	--------	------

Boltport Fasteners LLP

Unit # 2, 109/111, S S Maharaj Marg,
2nd Lane, Goldeol, Mumbai,
Maharashtra, India 400004.
+91-22-66595045
info@boltport.com

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.

© Copyright 2017.