

ASTM A 193 Gr.B8MA

STAINLESS STEEL

CLASS 1A

BOLTING MATERIAL FOR LOW TEMPERATURE SERVICE

ASTM A193 Gr.B8MA Class 1A Bolts are manufactured from AISI 316 Stainless Steel carbide solution treated with Strain Hardening. We manufacture these Bolts with great precision & Quality. These ASTM A 193 Gr.B8MA Class 1A Bolts are also noted as B8M. A193 Gr.B8MA Class 1A is similar to B8 fasteners except with added Molybdenum. It has better corrosion resistance than B8. Hex Bolts, studs and other fasteners are common to the B8M spec. It is made from austenitic steels is made from an alloy.

Chemical Properties

C	Si	Mn	P	S	Cr	Ni
0.08 Max	1.00 Max	2.00 Max	0.045 Max	0.030 Max	18.0-20.0	8.0-11.0

Mechanical Properties

Yield strength	Tensile strength	Elongation	Reduction	Hardness
Min 0.2% Mpa	Min Mpa	Min %	Min %	HRB Max
205	515	30	50	192

Heat Treatment

Carbide Solution Treated in the finished condition.

Equivalent Designation

UNS S31600
 EN number 58H,58J
 EN Name X5CrNiMo17-12-2
 Werkstoff.No. 1.4401
 JIS SUS316
 BS 316S31

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