

ASTM A 194M 8A

STAINLESS STEEL

NUT MATERIAL FOR HIGH TEMPERATURE SERVICE

ASTM A 194M 8A Hexagonal Nut made of stainless steel, Manufactured in accordance with ASTM standard to use with Bolts or Stud Bolts. ASTM A193 B8A for rustproof and corrosive resistant. It is manufactured for used in high temperature service and it is compatible to use with ASTM A320 Gr.B8 in low temperature service. Compose of Nickel substance enables of toughness and best of polishing, it is also acid like niter. Best for electro -magnet when mix with Nickel. Compose of chromium substance enables of corrosive & erosion resistant.

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

Proof Load Using Threaded Mandrel- METRIC (kN)

TYPE	M6	M8	M10	M12	M14	M16	BHN	HRB	HRC
HEAVY HEX	11.1	20.1	31.9	46.4	63.3	86.4			
HEX	10.4	18.8	29.9	43.4	59.2	80.9	126-192	60-90	-

Hardness

TYPE	M20	M22	M24	M27	M30	M36
HEAVY HEX	134.8	166.7	194.2	252.5	308.6	449.4
HEX	126.2	156	181.8	236.4	288.9	420.8

Heat Treatment

Carbide Solution Treated in the finished condition.

Equivalent Designation

UNS S30400
W.Nr. 1.4301

CUSTOMER ASSISTANCE : customer@TorqBolt.com