

ASTM A 194M 6

ALLOY STEEL

NUT MATERIAL FOR HIGH TEMPERATURE SERVICE

ASTM A 194M 6 Hexagonal Nut made of stainless steel, Manufactured in accordance with ASTM standard to use with Bolts or Stud Bolts ASTM A193M 6 for rustproof and corrosive resistant is required. It is manufactured for used in high temperature service. Compose of chromium substance enables of erosion & corrosive resistant.

Chemical Properties

C	Si	Mn	P	S	Cr
0.15 Max	1.00 Max	1.00 Max	0.040 Max	0.030 Max	11.5-13.5

Mechanical Properties

Proof Load Using Threaded Mandrel- METRIC (kN)

Hardness

TYPE	M6	M8	M10	M12	M14	M16	BHN	HRB	HRC
HEAVY HEX	20.8	37.9	60	87.3	119	162.5		Min	
HEX	18.7	34	53.9	78.4	107	146	228-271	-	20-28

TYPE	M20	M22	M24	M27	M30	M36
HEAVY HEX	253.6	313.6	365.4	475.1	580.6	845.6
HEX	227.8	281.8	328.3	426.9	521.7	759.8

Heat Treatment

Quenched & Tempered@595°C.

Equivalent Designation

UNS S41000
W.Nr. 1.4006

CUSTOMER ASSISTANCE : customer@TorqBolt.com