

ASTM A 194M 6F

ALLOY STEEL

NUT MATERIAL FOR HIGH TEMPERATURE SERVICE

ASTM A 194M 6F Hexagonal Nut made of stainless steel, Manufactured in accordance with ASTM standard to use with Bolts or Stud Bolts ASTM A193M 6F 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	1.25 Max	0.060 Max	0.15 Min	12.0-14.0

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