



ANANKA FASTENERS PVT LTD

MS No.	AKF/MS/XXX
Rev No	0
Date	XX.XX.20XX

TECHNICAL DATA SHEET

ASTM A194 GRADE 8MN ED- 2026 (FOR NUT)

CHEMICAL COMPOSITION

Elements	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min	-	-	-	-	-	16.00	10.00	2.00	0.10	-	-	-	-	-	-
Max	0.08	2.00	0.045	0.030	1.00	18.00	13.00	3.00	0.16	-	-	-	-	-	-

MECHANICAL PROPERTIES

	GRADE	CONDITION	SIZE	TENSILE STRENGTH (MPa)	YIELD STRENGTH 0.2% OFFSET (MPa)	% ELONGATION (GL- 50mm)	% REDUCTION AREA	HARDNESS (HRB/HRC)	PROOF LOAD (kN)
Min.	8MN	Carbide Solution Treated & Strain Hardened	All Sizes	-	-	-	-	-	236.4
Max.				-	-	-	-	32 HRC	-

NOTE:

Material Spec : ASTM A194 GRADE 8MN ED- 2026

Dimension STD : As per approved DRG.

Heat Treatment type : Carbide Solution Treated & Strain Hardened

Prepared by:

Approved by: