



ANANKA FASTENERS PVT LTD

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

TECHNICAL DATA SHEET

ASTM A194 GRADE 8N ED-2024 (FOR NUT)

CHEMICAL COMPOSITION

Elements	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min	-	-	-	-	-	18.00	8.00	-	0.10	-	-	-	-	-	-
Max	0.08	2.00	0.045	0.030	1.00	20.00	11.00	-	0.16	-	-	-	-	-	-

MECHANICAL PROPERTIES

	GRADE	CONDITION	SIZE	TENSILE STRENGTH (MPa)	YIELD STRENGTH 0.2% OFFSET (MPa)	% ELONGATION (GL-50mm)	% REDUCTION AREA	HARDNESS (HRC)	PROOF LOAD (kN)
Min.	8N	Carbide Solution Treated & Strain Hardened	All Sizes	-	-	-	-	-	86.4
Max.				-	-	-	-	32	-

NOTE:

Material Spec : ASTM A194 GRADE 8N ED-2024

Dimension STD : As per approved DRG.

Heat Treatment type : Carbide Solution Treated & Strain Hardened

Prepared by:

Approved by: