



ANANKA FASTENERS PVT LTD

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

TECHNICAL DATA SHEET

ASTM A194 GRADE 43 ED-2026 (FOR NUT)

CHEMICAL COMPOSITION

Elements	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min	0.38	0.60	-	-	0.15	0.70	1.65	0.20	-	-	-	-	-	-	-
Max	0.43	0.85	0.035	0.040	0.35	0.90	2.00	0.30	-	-	-	-	-	-	-

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.	43	Hardened & Tempered (Oil Quenched / Aircool)	All Sizes	-	-	-	-	24	87.3
Max.				-	-	-	-	35	-

NOTE:

Material Spec : ASTM A194 GRADE 43 ED-2026

Dimension STD : As per approved DRG.

Heat Treatment type : Hardened (Min. 880°C, Oil Quenched) & Tempered (Min. 595°C, Aircool)

Prepared by:

Approved by: