



ANANKA FASTENERS PVT LTD

MS No.

Rev No

Date

TECHNICAL DATA SHEET

ASTM A194 GR.43 (FOR NUT)

CHEMICAL COMPOSITION

Elements	C %	Mn %	P %	S %	Si %	Cr %	Mo %	Ni %	B%
Min	0.38	0.60	-	-	0.15	0.70	0.20	1.65	-
Max	0.43	0.85	0.035	0.040	0.35	0.90	0.30	2.00	-

MECHANICAL PROPERTIES

GRADE	DIAMETER (mm)	TENSILE STRENGTH MPa (Min)	YIELD STRENGTH 0.2% Mpa (Min)	ELONGATION IN % (Min)	REDUCTION AREA% (Min)	HARDNESS HRC/HBW Max	HT Tempering Temp °C (Min)	Proof Load kN
1	All Size	-	-	-	-	24 - 35 HRC	595	Depend on Size

NOTE:

Material Spec : ASTM A194 GR.43

Dimension STD : As per approved DRG.

Heat Treatment type : - Hardening & Tempering

Prepared by:

Approved by: