



ANANKA FASTENERS PVT LTD

MS No.	AKF/MS/158
Rev No	0
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TECHNICAL DATA SHEET

ASTM F2281 UNS N07725 (INC-725) (FOR BOLT)

CHEMICAL COMPOSITION

Elements	C %	Mn %	P %	S %	Si %	Cr %	Ni %	Mo %	Nb+Ta %	Al %	Fe %	Ti %
Min	-	-	-	-	-	19.00	55.00	7.00	2.75	-	-	1.00
Max	0.030	0.35	0.015	0.010	0.20	22.50	59.00	9.50	4.00	0.35	-	1.70

MECHANICAL PROPERTIES

GRADE	DIAMETER (mm)	TENSILE STRENGTH MPa (Min)	YIELD STRENGTH 0.2% MPa (Min)	ELONGATION IN % (Min)	REDUCTION AREA% (Min)	HARDNESS (Max)	HT Tempering Temp °c (Min)	Proof Load kN
1	All Size	1034	827	20	35	43 HRC MAX	-	Depend on Size

NOTE:

Material Spec : ASTM F2281 UNS N07725 (INC-725)

Dimension STD : As per approved DRG.

Heat Treatment type : - Solution Annealed & Precipitation Hardened

Prepared by:

Approved by: