



ANANKA FASTENERS PVT LTD

MS No. AKF/MS/161

Rev No 0

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TECHNICAL DATA SHEET

ASTM A453 UNS S66286 (INC-660) (FOR BOLT)

CHEMICAL COMPOSITION

Elements	C %	Mn %	P %	S %	Si %	Cr %	Ni %	Mo %	Fe %	V %	B %	Ti %	Al %
Min	-	-	-	-	-	13.50	24.00	1.00	-	0.10	0.001	1.90	-
Max	0.08	2.00	0.040	0.030	1.00	16.00	27.00	1.50	-	0.50	0.010	2.35	0.35

MECHANICAL PROPERTIES

GRADE	DIAMETER (mm)	TENSILE STRENGTH MPa (Min)	YIELD STRENGTH 0.2% MPa (Min)	ELONGATION IN % (Min)	REDUCTION AREA% (Min)	HARDNESS (Min)	HARDNESS (Max)	HT Tempering Temp °c (Min)	Proof Load kN
1	All Size	895	585	15	18	24 HRC MIN	37 HRC MAX	-	Depend on Size

NOTE:

Material Spec : ASTM A453 UNS S66286 (INC-660)

Dimension STD : As per approved DRG.

Heat Treatment type : - Solution Annealed

Prepared by:

Approved by: