



ANANKA FASTENERS PVT LTD

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

TECHNICAL DATA SHEET

ASTM F593 GROUP 7 AH (17-4PH)-23 (FOR BOLT)

CHEMICAL COMPOSITION

Elements	C	Si	Mn	P	S	Cr	Ni	Cu	Nb	Ta	Nb + Ta	Al	B	Pb	Ca
Min	-	-	-	-	-	15.00	3.00	3.00	0.15	-	-	-	-	-	-
Max	0.070	1.00	1.00	0.040	0.030	17.50	5.00	3.00	0.45	-	-	-	-	-	-

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.	Gr.7 AH (17-4PH)	Solution Annealed & Precipitation Hardened	All Sizes	930.792	723.95	16	-	28	-
Max.				-	-	-	-	38	-

NOTE:

Material Spec : ASTM F593 GROUP 7 AH (17-4PH)-23

Dimension STD : As per approved DRG.

Heat Treatment type : Solution Annealed (Min. 1038°C, Air Cooled, 30 Min) & Reheated/Aged (Min. 621°C, Air Cooled, 4 Hours)

Prepared by:

Approved by: