



ANANKA FASTENERS PVT LTD

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

TECHNICAL DATA SHEET

ASTM B637 UNS N07090 (NIMONIC 90)

CHEMICAL COMPOSITION

Elements	C	Si	Mn	S	Cr	Ni	Co	Ti	Al	Cu	Fe	B	Zr	Pb	Mo
Min	-	-	-	-	18.00	-	15.00	2.00	1.00	-	-	-	-	-	-
Max	0.13	1.00	1.00	-	21.00	-	21.00	3.00	2.00	-	1.50	0.02	0.15	-	-

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.	NIMONIC 90	Solution Annealed & Precipitation Hardened	All Sizes	1180	830	23	25	23	-
Max.				-	-	-	-	36	-

NOTE:

Material Spec : ASTM B637 UNS N07090 (NIMONIC 90)

Dimension STD : As per approved DRG.

Heat Treatment type : Solution Annealed & Precipitation Hardened

Prepared by:

Approved by: