



ANANKA FASTENERS PVT LTD

MS No.	AKF/MS/349
Rev No	0
Date	20.06.2026

TECHNICAL DATA SHEET

ASTM B637 / F468 INCONEL 718 (UNS N07718) (FOR BOLT)

CHEMICAL COMPOSITION

Elements	C %	Mn %	Si %	P %	S %	Cr %	Mo %	Nb+Ta %	Ti %	Al %	Co %	B %	Cu %	Ni %
Min	-	-	-	-	-	17.0	2.8	4.75	0.65	0.20	-	-	-	50.0
Max	0.08	0.35	0.35	0.015	0.015	21.0	3.3	5.50	1.15	0.80	1.0	0.006	0.300	55.0

MECHANICAL PROPERTIES

GRADE	CONDITION	TENSILE STRENGTH MPa (Min)	YIELD STRENGTH 0.2% MPa (Min)	ELONGATION IN % (Min)	REDUCTION AREA% (Min)	HARDNESS
1	Solution Annealed & Precipitation Hardened	1275	1034	12	15	36 - 44 HRC

NOTE:

Material Spec : ASTM B637 / F468 INCONEL 718 (UNS N07718)

Dimension STD : As per approved DRG.

Heat Treatment type : - Solution Annealed & Precipitation Hardened

Prepared by:

Approved by:



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TECHNICAL DATA SHEET

ASTM B637 / F468 INCONEL 718 (UNS N07718) (FOR NUT)

CHEMICAL COMPOSITION

Elements	C %	Mn %	Si %	P %	S %	Cr %	Mo %	Nb+Ta %	Ti %	Al %	Co %	B %	Cu %	Ni %
Min	-	-	-	-	-	17.0	2.8	4.75	0.65	0.20	-	-	-	50.0
Max	0.08	0.35	0.35	0.015	0.015	21.0	3.3	5.50	1.15	0.80	1.0	0.006	0.300	55.0

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