

Multi Turn

78/2/17 G.I.D.C. INDUSTRIAL ESTATE
MAKARPURA, VADODARA-390010

MANUFACTURERS OF HIGH TENSILE BOLTS, STUDS, NUTS, U-BOLTS, J-
BOLTS, ANCHOR / FOUNDATION BOLTS

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WE MANUFACTURE STANDARD AND SPECIAL TYPE HIGH QUALITY, STUDS, BOLTS & NUTS IN VARIOUS VARIETY AND DIFF TYPES OF THREADS TO SUIT YOUR REQUIREMENTS.

BOLTS AND NUTS ARE MANUFACTURED FROM CARBON STEEL, ALLOY STEEL, AUSTENITIC & FERRITIC STAINLESS STEEL & MONEL ACCORDING TO ASTM SPECIFICATIONS IN DIFFERENT GRADES AS WELL AS IS, ISO 4.6, 6.6, 8.8, 10.9 DIN AND B. S. SPECIFICATIONS.

ALL TYPES OF MALE FASTNERS ARE MANUFACTURED FROM DIAMETER 6 M. M. TO 125 M. M. OR 1/2" TO 5" ARE THREAD ROLLED IRRESPECTIVE OF LENGTH UPTO 5 MTRS.

WE ALSO MANUFACTURE HIGH TENSILE NUTS OF STANDARD, HEAVY SERIES AND SPECIAL TYPE. ALL NUTS ARE FORGED ON AUTOMATIC M/C'S. METRIC OR INCH, STANDARD OR FINE OR SPECIAL PITCH, THREADING IS CARRIED OUT ON AUTOMATIC NUT TAPPING MACHINES. THE BRIEF MANUFACTURING CYCLE IS SHOWN ON PAGE (3)

HEAT TREATMENT :
TO SUIT THE STIPULATED CONDITION AND CHEMISTRY OF EVERY LOT OF STEEL, HEAT TREATMENT IS CARRIED OUT EITHER IN FUEL FIRED OR ELECTRIC HEAT TREATMENT FURNACES DEPENDING UPON TYPE OF MATERIAL

RECOMMENDED FASTNERS FOR DIFFERENT WORKING CONDITIONS

SERVICE CONDITION	STUDBOLTS	NUTS	WORKING TEMPERATURE
HIGH PRESSURE HIGH TEMPERATURE	ASTM A193 Gr. B5 B6 B7 B7M B16 ASTM A453 Gr. 660 651	ASTM A194 Gr. 3 6 2H 2HM 4 or 7 8C 8C	0 - 620 0C 0 - 480 0C -50 - 450 - -50 - 450 700 700
HIGH TEMPERATURE HIGH CORROSIVE	ASTM A193 Gr. B8 B8L B8M 8ML B8T	ASTM A194 Gr. 8 8L 8M 8ML 8T	540 - 800 540 - 800 540 - 800 540 - 800
HIGH PRESSURE LOW TEMPERATURE	ASTM A320 Gr. L7 L43	ASTM A194 Gr. 4 or 7 7	- 100 - 50 - 100 - 50
LOW TEMPERATURE	ASTM A320 Gr. B8 B8C B8M B8T	ASTM A194 Gr. 8 8C 8M 8T	- 250 - 100 - 250 - 100 - 250 - 100 - 250 - 100



HEX NUTS, HEAVY HEX NUTS



J BOLTS



EYE BOLTS



HEX BOLTS, HEAVY HEX BOLTS



ANCHOR/FOUNDATION
BOLTS

U- BOLTS

**RECOMMENDED FASTENERS FOR DIFFERENT WORKING
CONDITIONS**

SERVICE CONDITION	STUDS / BOLTS	NUTS	WORKING TEMPERATURE
HIGH PRESSURE HIGH TEMP.	ASTM A193 GR.B5	ASTM A194 GR.3	0-620°C
	ASTM A193 GR.B6	ASTM A194 GR.6	0-480°C
	ASTM A193 GR.B7	ASTM A194 GR.2H	-50-450°C
	ASTM A193 GR.B7M	ASTM A194 GR.2HM	-50-450°C
	ASTM A193 GR.B16	ASTM A194 GR.4 OR 7	-50-450°C
HIGH TEMP. HIGHLY CORROSIVE	ASTM A193 GR.B8	ASTM A194 GR.8	540-800°C
	ASTM A193 GR.B8M	ASTM A194 GR.8M	540-800°C
HIGH PRESSURE LOW TEMP.	ASTM A320 GR.L7	ASTM A194 GR.4 OR 7	-100-50°C
	ASTM A320 GR.L43	ASTM A194 GR.7	-100-50°C
LOW TEMP.	ASTM A320 GR.B8	ASTM A193 GR.8	-250-100°C
	ASTM A320 GR.B8M	ASTM A193 GR.B8M	-250-100°C

WE ALSO MANUFACTURE BOLTS, STUDS, NUTS, HEADER PLUGS, ETC OF VARIOUS EXOTIC MATERIALS SUCH AS INCONEL, MONEL, DUPLEX AND SUPER DUPLEX WITH ACCORDANCE TO SPECIFIED DIMENSIONS AND REQUIREMENTS.



DUPLEX UNS31803 HEX BOLT



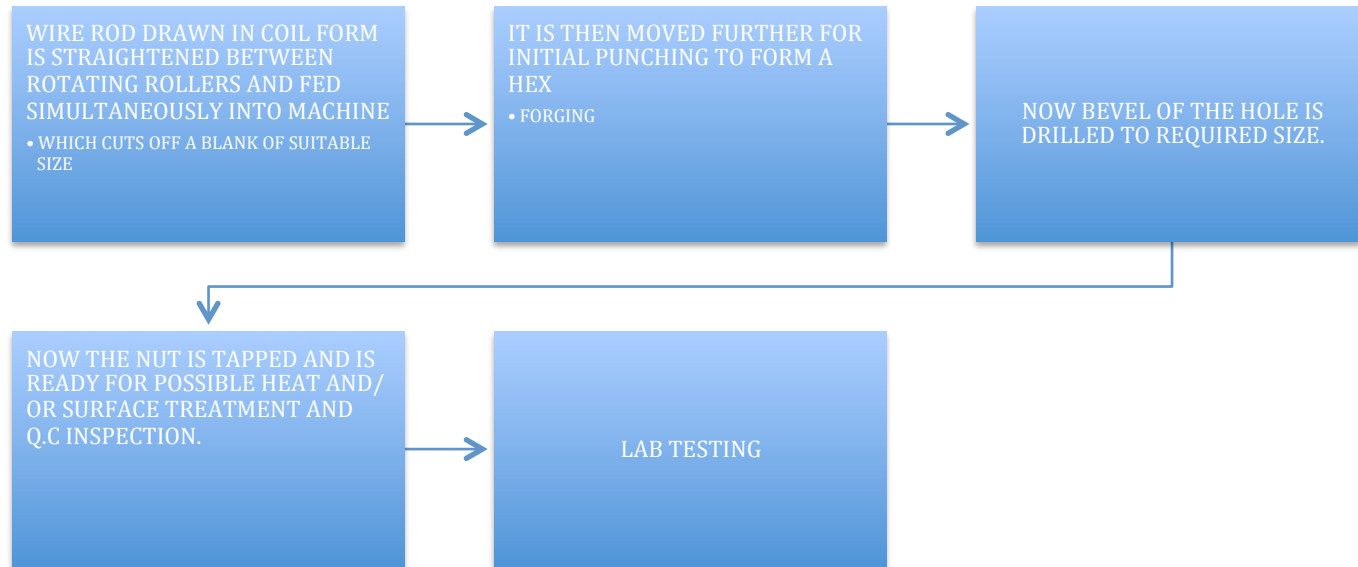
HEADER PLUG SA105 12UNF



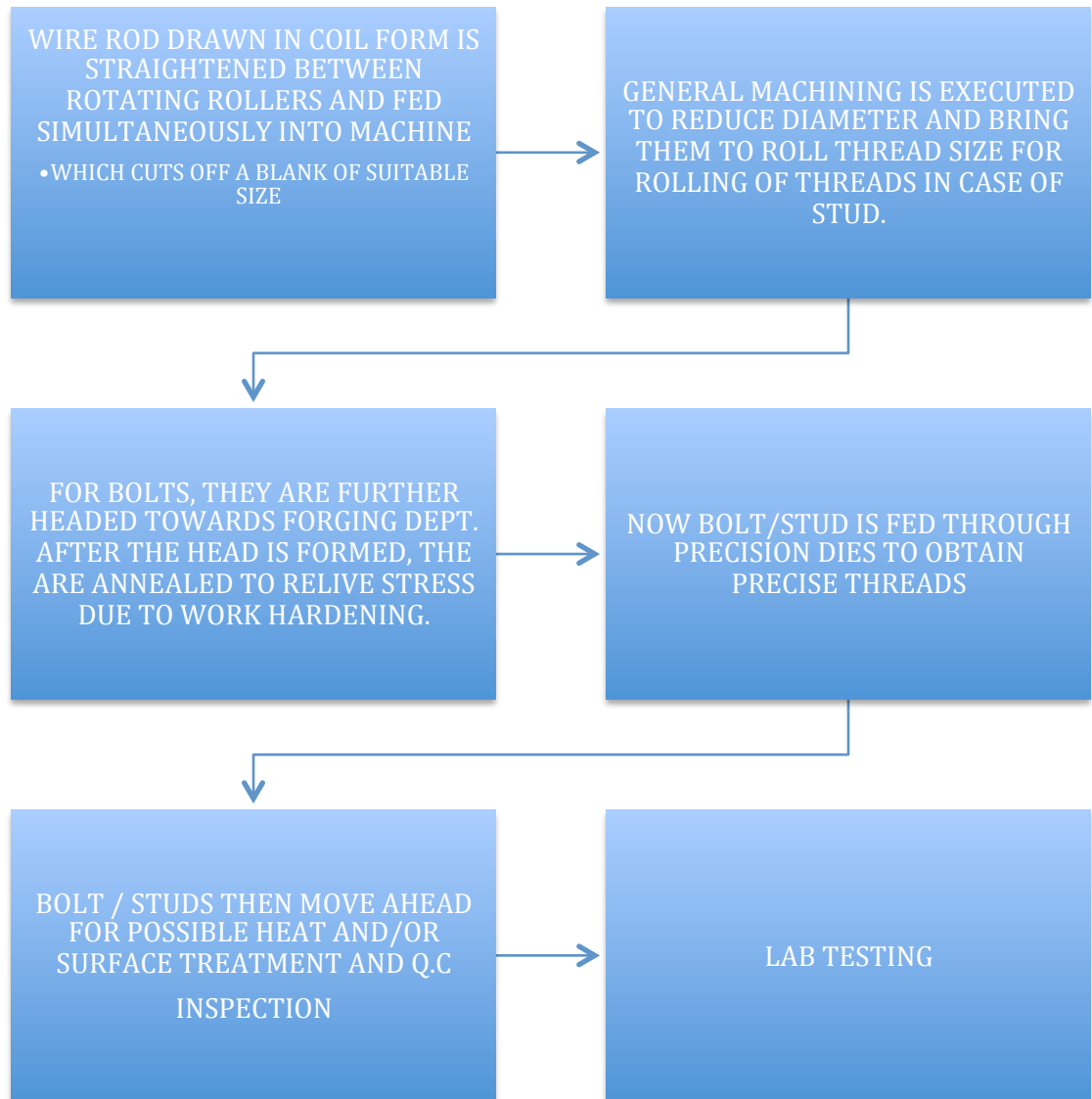
MONEL K500 HEX BOLT

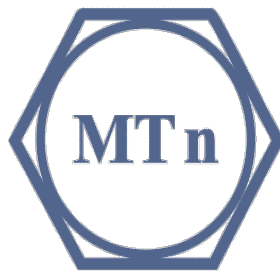
PROCESS FLOW CHART

HEX NUTS



PROCESS FLOW CHART
BOLTS / STUDS





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