

hi-shear
CORPORATION

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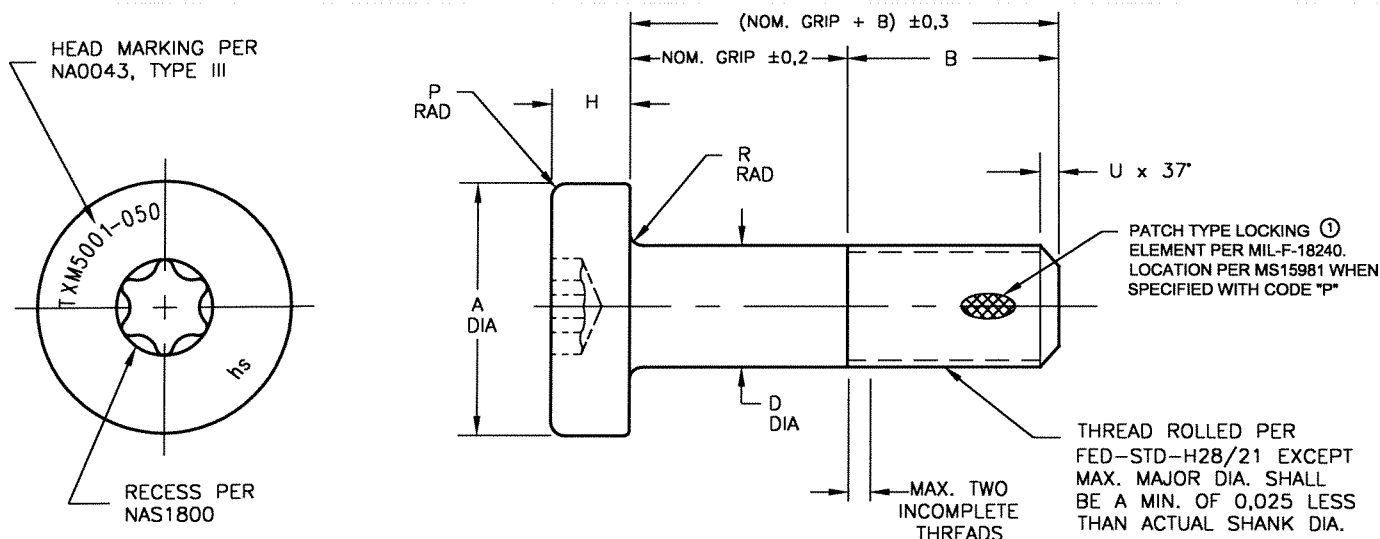


TABLE 1

DIA CODE	NOM DIA	THREAD 4h6h	A DIA.	B REF.	D DIA.	H	P RAD.	R RAD.	U REF.	Y FIM	NAS1800 RECESS		
											RECESS NUMBER	DEPTH	TORQUE N.m MIN.
050	5	MJ5 x 0,8	10,7 9,7	9,0	4,990 4,978	3,0 2,8	2,0 0,5	0,5 0,3	0,7	0,12	T20	1,7 1,4	10,0
060	6	MJ6 x 1	12,0 11,7	10,0	5,990 5,978	3,6 3,3	2,4 0,6	0,7 0,5	0,8	0,12	T20	1,7 1,4	10,0
080	8	MJ8 x 1	16,0 15,7	11,5	7,987 7,972	4,8 4,5	3,2 0,8	0,7 0,5	0,9	0,15	T30	1,7 1,4	29,8
100	10	MJ10 x 1.25	20,0 19,7	14,5	9,987 9,972	6,0 5,7	4,0 1,0	0,8 0,6	1,0	0,15	T40	2,0 1,8	52,0

- GENERAL NOTES:**
- Grip length is from bearing surface of bolt head to end of full cylindrical portion of shank.
 - Bearing surface of head shall be perpendicular to shank within 0,08 FIM.
 - Shank shall be straight within "Y" values FIM per 25,4 mm of length.
 - Point shall be flat and chamfered. Chamfer plus incomplete thread shall not exceed "U".
 - Surface texture per ISO/R468. Bearing surface of head, fillet radius of head and all thread elements 0,8 um maximum. All other surfaces 3,2 um maximum.

MATERIAL: 6AL-4V titanium alloy per AMS4928 or AMS4967.

HEAT TREAT: 1100 MPa minimum ultimate tensile.

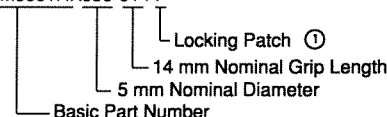
FINISH: TXM5001HK()-() = Hi-Kote 4 aluminum coating per Hi-Shear Spec 397.

CODE: First three numbers after the part number indicates nominal shank diameter in 1 mm and tenths.
Second dash three number indicates nominal grip in 1 mm.

① "P" following second dash number indicates patch type locking element.

PROCUREMENT: NA0007.

EXAMPLE: TXM5001HK050-014 P



DRAWN	DATE	BY	TITLE	DRAWING NUMBER
	9-30-99	Jorge Obispo		
APPROVED	10-4-99	J.Tanyi	BOLT FLAT PAN HEAD, METRIC GEAR DRIVE RECESS 6AL-4V TITANIUM 1100 MPa	TXM5001
① REVISION	12-11-00	Jorge Obispo		

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TABLE 2

0,5 mm OVERSIZE			1,0 mm OVERSIZE		
PART NUMBER	D DIA.		PART NUMBER	D DIA.	
TXM5001HK055-()	5,490 5,478		TXM5001HK060-()	— —	
TXM5001HK065-()	6,487 6,472		TXM5001HK070-()	6,987 6,972	
TXM5001HK085-()	8,487 8,472		TXM5001HK090-()	8,987 8,972	
TXM5001HK105-()	10,484 10,466		TXM5001HK110-()	10,984 10,966	

DRAWING NUMBER

TXM5001

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