

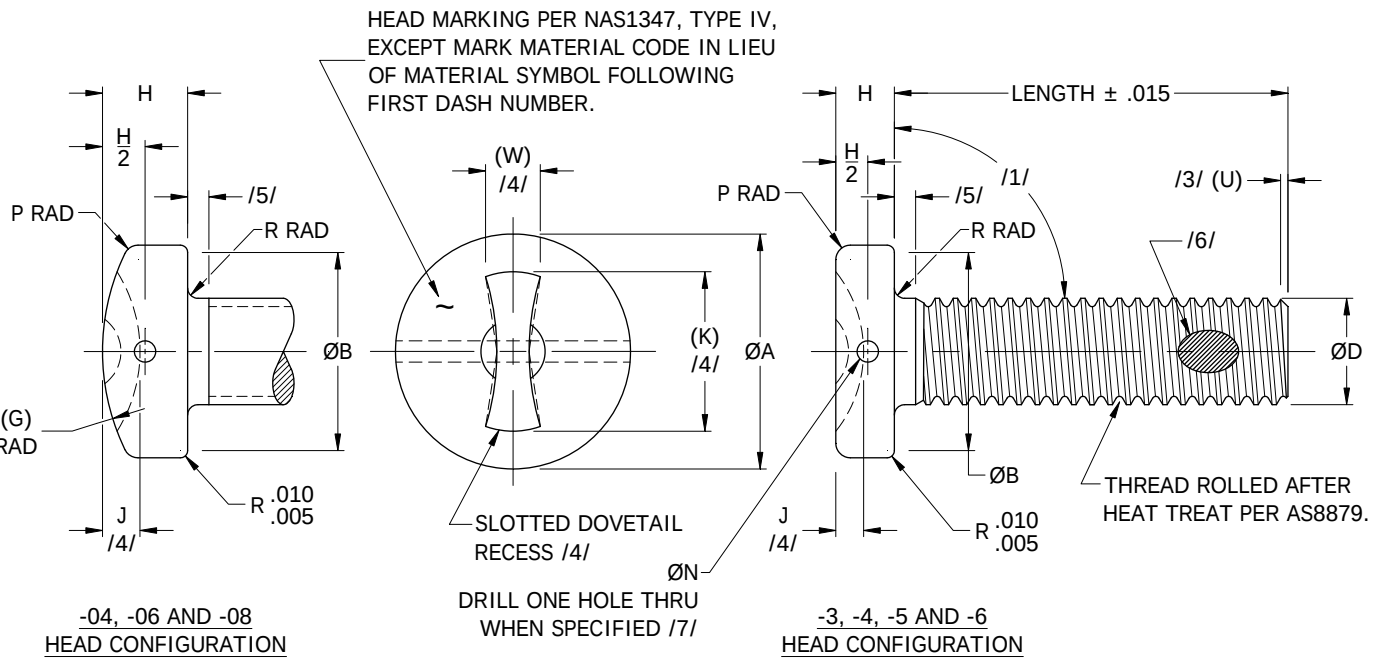


TABLE I – DIMENSIONS AND STRENGTH VALUES

FIRST DASH NO.	THREAD	ØA	ØB BRG MIN	ØD MAX	(G) RAD	H	ØN	P RAD	R RAD	(U) /3/	Z FIM /2/	SLOTTED DOVETAIL RECESS			
												RECESS NO.	J /4/	(K) /4/	(W) /4/
04	.1120-40 UNJC-3A	.219 .205	.195	.1120	.300	.080 .070	.042 .034	.028 .020	.015 .010	.050	.0040	1	.047 .043	.208	.077
06	.1380-32 UNJC-3A	.270 .256	.242	.1380	.370	.097 .087	.042 .034	.038 .028	.015 .010	.050	.0040	1	.058 .052	.240	.083
08	.1640-32 UNJC-3A	.322 .308	.289	.1640	.440	.115 .105	.042 .034	.050 .040	.020 .010	.050	.0040	2	.061 .055	.260	.098
3	.1900-32 UNJF-3A	.374 .360	.331	.1900	—	.125 .115	.068 .060	.035 .025	.020 .010	.050	.0040	3	.045 .042	.302	.105
4	.2500-28 UNJF-3A	.492 .477	.424	.2500	—	.150 .140	.068 .060	.040 .025	.020 .010	.060	.0030	4	.054 .051	.414	.135
5	.3125-24 UNJF-3A	.612 .597	.518	.3125	—	.188 .176	.068 .060	.050 .035	.025 .015	.060	.0030	5	.064 .061	.485	.152
6	.3750-24 UNJF-3A	.740 .722	.611	.3750	—	.220 .206	.068 .060	.050 .035	.025 .015	.080	.0025	6	.088 .084	.635	.190

11 COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 11
PROCUREMENT SPECIFICATION NOTED	TITLE SCREW, PAN HEAD, SLOTTED DOVETAIL RECESS, FULL THREAD, SELF-LOCKING OPTIONAL	CLASSIFICATION PART STANDARD

TABLE I – DIMENSIONS AND STRENGTH VALUES (CONTINUED)

FIRST DASH NO.	RECESS TORQUE IN-LBF MIN	TENSILE STRENGTH /13/ LBF MIN	RAISED METAL INCH
	ALLOY STEEL, CRES, TITANIUM	ALLOY STEEL, CRES, TITANIUM	MAX
04	13	966	.005
06	30	1,450	.005
08	50	2,240	.005
3	60	3,180	.005
4	140	5,820	.005
5	220	9,200	.005
6	520	14,000	.006

MATERIAL:

- ALLOY STEEL - 4140 (UNS G41400) PER MIL-S-5626 AMS6382, 4340 (UNS G43406) PER AMS6415 AMS6484, ~~E4340 (UNS G43406) PER MIL-S-5000~~, OR 8740 (UNS G87400) PER MIL-S-~~6049~~ AMS6322, AMS6325 OR AMS6327.
- CRES - A286 (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5731, AMS5732, AMS5737 OR AMS5853.
- TITANIUM ALLOY - 6AL-4V (UNS R56400) PER AMS4928 OR AMS4967.
- LOCKING ELEMENT - NYLON OR EQUIVALENT.

HEAT TREAT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS2759 FOR ALLOY STEEL AND CRES, AND AMS-H-81200 OR AMS2801 FOR TITANIUM.

ALLOY STEEL: 160-180 KSI Ft.
CRES: 160-190 KSI Ft. /13/
TITANIUM: 160 KSI Ft.

FINISH:

- ALLOY STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, OR TYPE II, CLASS 2 WITH DULL BLACK CHROMATE TREATMENT. SEE CODE.
- CRES - PASSIVATE PER AMS2700, METHOD 1, CLASS 4 OR CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. SEE CODE.
- TITANIUM - NO FINISH.

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC
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ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

⑪ COMPLETELY REVISED

REVISION

11

NAS1216

SHEET 2

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