

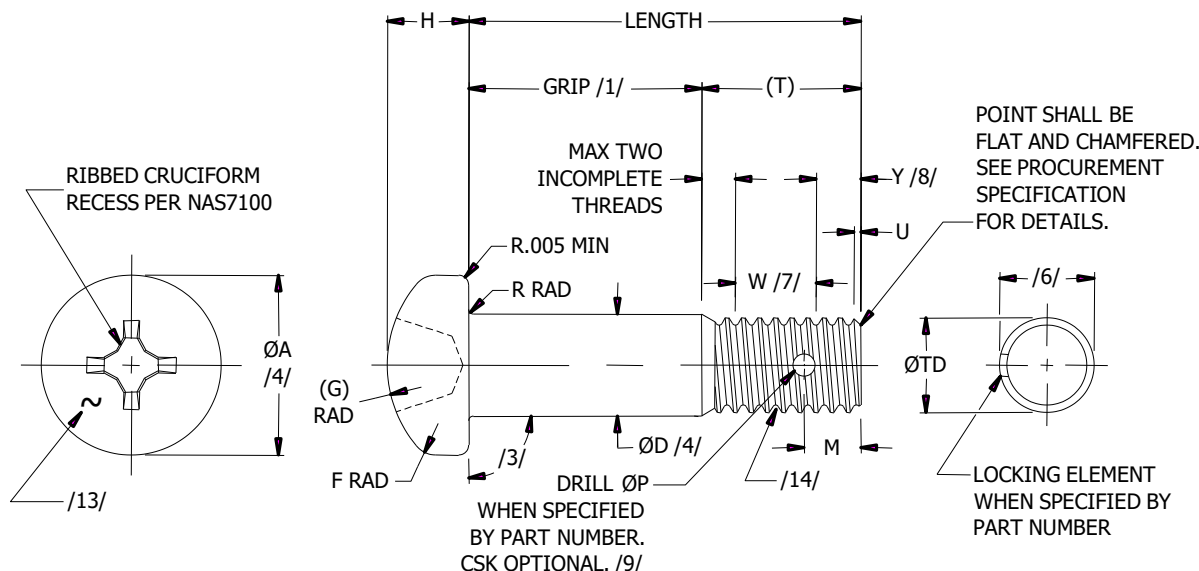
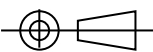


TABLE I – DIMENSIONS

BASIC NUMBER	NOM THREAD SIZE /14/	ØA /4/	ØD /4/			F RAD MIN	(G) RAD	H	M	ØP /9/
			UNCOATED	COATED						
				BEFORE	AFTER					
NAS7900	.1120-40	.219 .205	.1115 .1100	~~.1107~~ ~~.1099~~	.1115 .1105	.010	.173	.080 .070	—	—
NAS7901	.1380-32	.270 .256	.1375 .1370	~~.1367~~ ~~.1359~~	.1375 .1365	.015	.207	.097 .087	—	—
NAS7902	.1640-32	.322 .306	.1635 .1630	~~.1627~~ ~~.1619~~	.1635 .1625	.015	.244	.115 .105	—	—
NAS7903	.1900-32	.373 .357	.1895 .1890	~~.1887~~ ~~.1879~~	.1895 .1885	.020	.284	.133 .122	.174 .154	.075 .070
NAS7904	.2500-28	.492 .473	.2495 .2490	~~.2487~~ ~~.2479~~	.2495 .2485	.035	.373	.175 .162	.180 .160	.081 .076
NAS7905	.3125-24	.615 .594	.3120 .3115	~~.3112~~ ~~.3104~~	.3120 .3110	.040	.527	.218 .203	.192 .172	.081 .076
NAS7906	.3750-24	.740 .716	.3745 .3740	~~.3737~~ ~~.3729~~	.3745 .3735	.040	.652	.261 .244	.193 .173	.111 .106

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
7

PROCUREMENT
SPECIFICATION

NOTED

TITLE
**BOLT, PAN HEAD, CLOSE TOLERANCE, SHORT THREAD,
RIBBED CRUCIFORM RECESS, TITANIUM ALLOY 6AL-4V,
SELF-LOCKING AND NONLOCKING**

CLASSIFICATION
PART STANDARD

**NAS7900 THRU
NAS7906**
SHEET 1 OF 6

TABLE I – DIMENSIONS (CONTINUED)

BASIC NUMBER	R RAD	(T) /2/	ØTD	U MAX	W /7/	Y /8/	AA /4/	BB /5/	RECESS SIZE	TORQUE IN-LBF /11/ MIN
NAS7900	.010 .005	.238	.1085 .1065	.031	.125	.075	.0045	.0040	1	–
NAS7901	.010 .005	.276	.1340 .1315	.039	.156	.095	.0045	.0040	2	–
NAS7902	.020 .010	.323	.1595 .1570	.039	.156	.095	.0045	.0040	2	35
NAS7903	.020 .010	.323	.1840 .1810	.039	.156	.095	.0045	.0040	2	50
NAS7904	.020 .010	.370	.2440 .2410	.045	.179	.107	.0045	.0030	3	125
NAS7905	.020 .010	.438	.3060 .3020	.052	.208	.125	.0045	.0030	4S	–
NAS7906	.025 .015	.454	.3680 .3640	.052	.208	.125	.0045	.0025	4L	–

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MATERIAL:

TITANIUM ALLOY - 6AL-4V (UNS R56400) PER AMS4928 OR AMS4967.
LOCKING ELEMENT - PLASTIC PER MIL-DTL-18240 AND QPL-18240.

HEAT TREATMENT:

160 KSI Ft_u MIN PER AMS-H-81200 OR AMS2801.

FINISH:

UNCOATED BOLTS - NONE.
COATED BOLTS - ALUMINUM COATING PER NAS4006.

CODE:

7

NAS7903 L U 10

GRIP DASH NUMBER PER TABLE II (INDICATES GRIP IN .0625 INCREMENTS)

FINISH:
A = ALUMINUM COATED BOLTS, MAY BE USED WITH "D", "L" OR "P" CODES
U = UNCOATED BOLTS

SELF LOCKING:
L = SELF-LOCKING BOLTS, ANY APPROVED OPTIONAL CONFIGURATION (INCLUDING PATCH TYPE- NO METAL REMOVED)
P = SELF-LOCKING BOLTS, PATCH TYPE (NO METAL REMOVED)
NO CODE = NONLOCKING BOLTS

DRILLED BOLTS:
D = DRILLED SHANK, DO NOT USE WITH "L" OR "P" CODE /12/
NO CODE = UNDRILLED SHANK

BASIC NUMBER PER TABLE I

WHEN MULTIPLE LETTER CODES ARE USED, SEQUENCE MUST BE IN ALPHABETICAL ORDER.

REVISION

7

NAS7900 THRU
NAS7906
SHEET 2



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