

FED. SUPPLY CLASS

5305

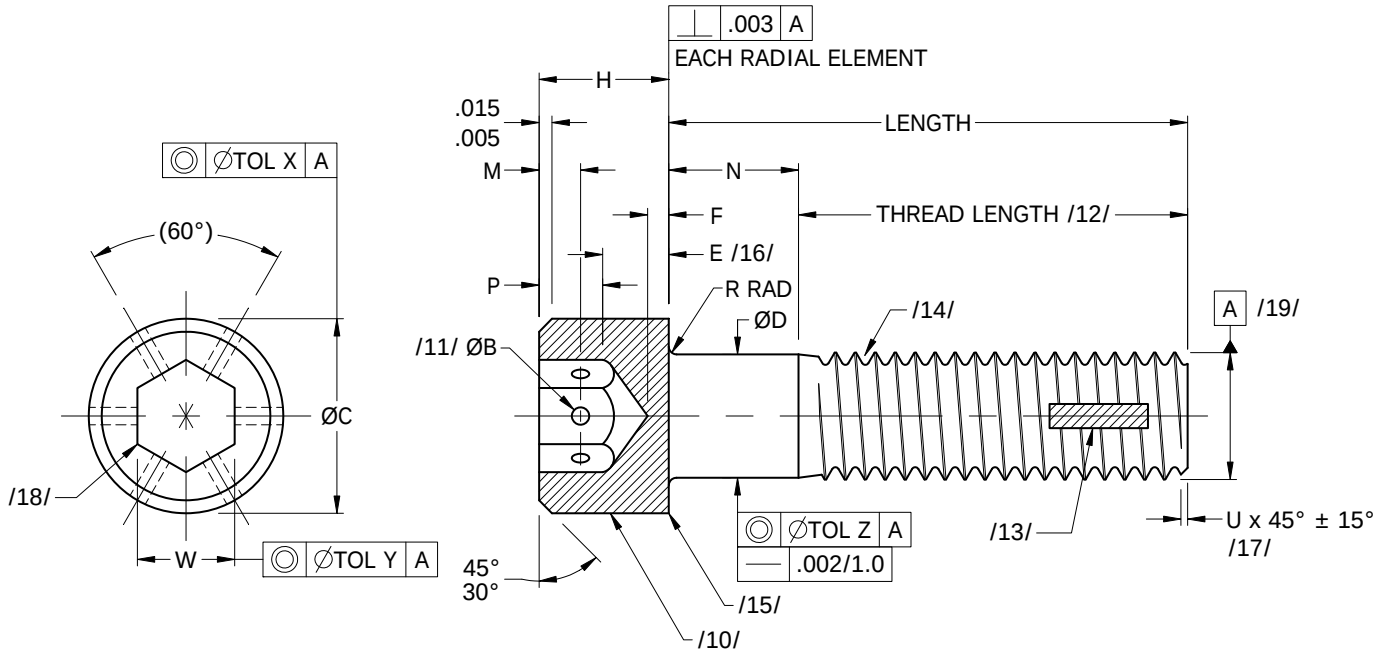


TABLE I – DIMENSIONS AND STRENGTH VALUES

NOMINAL SIZE DASH NO.	THREAD SIZE	ØC HEAD DIAMETER		ØD			E	F	H HEAD HEIGHT		P KEY ENGAGEMENT	R RAD FILLET UNDER HEAD		U	W SOCKET SIZE	
				DIAMETER /22/	DIA AFTER LUBRICANT APPLICATION	BODY DIA /23/										
		MAX	MIN	MAX	MIN	MAX	±.001	MIN	MIN	MAX	MIN	MIN	MAX	MIN	MAX	MIN
00	.0600-80 UNJF-3A	.096	.091	.0600	.0568	.0606	.052	.022	.018	.060	.057	.025	.007	.003	.023	.0510 .0500
02	.0860-56 UNJC-3A	.140	.134	.0860	.0822	.0866	.074	.032	.026	.086	.083	.038	.008	.004	.027	.0791 .0781
04	.1120-40 UNJC-3A	.183	.176	.1120	.1075	.1126	.096	.042	.034	.112	.108	.051	.009	.005	.031	.0952 .0937
06	.1380-32 UNJC-3A	.226	.218	.1380	.1329	.1386	.118	.052	.042	.138	.134	.064	.010	.006	.035	.1111 .1094
08	.1640-32 UNJC-3A	.270	.262	.1640	.1585	.1646	.144	.062	.049	.164	.159	.077	.012	.007	.035	.1426 .1406
3	.1900-32 UNJF-3A	.312	.303	.1900	.1840	.1906	.170	.072	.057	.190	.185	.090	.014	.009	.035	.1587 .1562
4	.2500-28 UNJF-3A	.375	.365	.2500	.2435	.2506	.227	.104	.068	.250	.244	.120	.014	.009	.043	.1900 .1875
5	.3125-24 UNJF-3A	.469	.457	.3125	.3053	.3131	.290	.131	.094	.312	.306	.151	.017	.012	.047	.2530 .2500
6	.3750-24 UNJF-3A	.562	.550	.3750	.3678	.3756	.348	.157	.116	.375	.368	.182	.020	.015	.047	.3160 .3125

① COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1	
		CLASSIFICATION PART STANDARD	
PROCUREMENT SPECIFICATION NOTED	TITLE SCREW, CAP, TENSION, INTERNAL WRENCHING, UNDRILLED AND DRILLED, LOCKING AND NON-LOCKING, 6AL-4V TITANIUM, 160 KSI FtU	SHEET 1 OF 5	
		Document Sharing Hub	

TABLE I – DIMENSIONS AND STRENGTH VALUES (CONTINUED)

NOMINAL SIZE DASH NO.	THREAD SIZE	ØB DRILLED HOLE DIAMETER		M DRILLED HOLE LOCATION		ULTIMATE TENSILE STRENGTH /26/				WRENCHING TORQUE /25/ MIN
						MINIMUM LENGTH TO BE TENSILE TESTED	MINIMUM STRENGTH (LBF)		LOAD RATE LBF/MIN MAX	
		MAX	MIN	MAX	MIN		NON- LOCKING AND LOCKING TYPE P /24/	LOCKING EXCEPT TYPE P		
00	.0600-80 UNJF-3A	—	—	—	—	.18	287	—	90	33 IN-OZ
02	.1120-40 UNJC-3A	—	—	—	—	.25	591	—	185	97 IN-OZ
04	.1120-40 UNJC-3A	.039	.033	.040	.026	.33	965	800	330	13 IN-LB
06	.1380-32 UNJC-3A	.039	.033	.050	.035	.41	1,454	1,250	500	24 IN-LB
08	.1640-32 UNJC-3A	.050	.044	.060	.040	.49	2,240	2,030	750	44 IN-LB
3	.1900-32 UNJF-3A	.050	.044	.065	.045	.57	3,200	2,930	1,000	73 IN-LB
4	.2500-28 UNJF-3A	.050	.044	.085	.065	.75	5,820	5,820	1,800	175 IN-LB
5	.3125-24 UNJF-3A	.050	.044	.104	.084	.93	9,290	9,200	2,900	29 FT-LB
6	.3750-24 UNJF-3A	.067	.061	.123	.103	1.12	14,050	14,000	4,300	53 FT-LB

TABLE I – DIMENSIONS AND STRENGTH VALUES (CONTINUED)

NOMINAL SIZE DASH NO.	THREAD SIZE	PITCH DIAMETER			N MIN /21/	CONCENTRICITY		
		MIN REF	MAX WITHOUT COATING	MAX FOR COATED THREADS /20/		TOL X	TOL Y	TOL Z
00	.0600-80 UNJF-3A	.0506	.0517	.0511	.025	.006	.005	.002
02	.0860-56 UNJC-3A	.0728	.0742	.0736	.032	.006	.005	.002
04	.1120-40 UNJC-3A	.0939	.0956	.0950	.040	.006	.005	.002
06	.1380-32 UNJC-3A	.1156	.1175	.1169	.048	.006	.005	.002
08	.1640-32 UNJC-3A	.1415	.1435	.1429	.051	.006	.005	.002
3	.1900-32 UNJF-3A	.1674	.1695	.1689	.055	.006	.006	.002
4	.2500-28 UNJF-3A	.2243	.2266	.2260	.060	.006	.008	.003
5	.3125-24 UNJF-3A	.2827	.2852	.2846	.071	.006	.009	.003
6	.3750-24 UNJF-3A	.3450	.3477	.3471	.076	.008	.011	.003

MATERIAL:

TITANIUM ALLOY - 6AL-4V (UNS R56400) PER AMS4928 OR AMS4967.

HEAT TREATMENT:

160 KSI F_{tu} MINIMUM PER AMS-H-81200 OR AMS2801.

REVISION

1

① COMPLETELY REVISED



NAS9922
SHEET 2

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