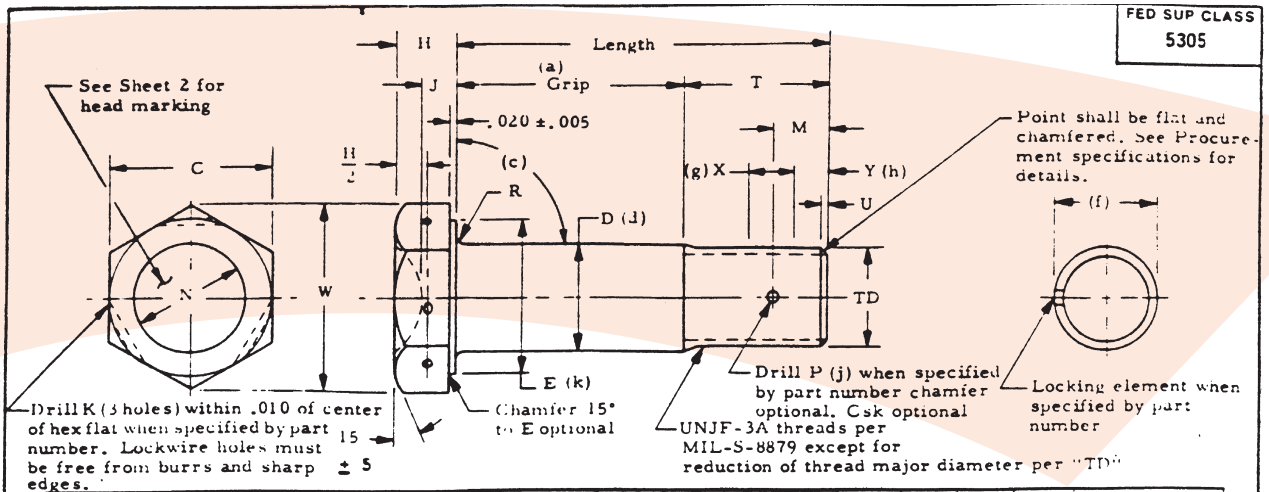


AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
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THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST DATE OF APPROVAL SHOWN HEREON



FED SUP CLASS
5305

BASIC NUMBER	Nom Thread Size	C	D Dia			E Dia Min	H	J	K Dia	M	N	P	R Rad	I (Ref) (b)	TD
			Unplated	Plated or Coated											
				Before	After										
NAS6403	.1900-32	.376 .367	.1895 .1890	.1887 .1881	.1895 .1885	.335	.125 .110	.088 .073	.056 .046	.174 .154	.18 .20	.080 .070		.323	.1840 .1810
NAS6404	.2500-28	.439 .429	.2495 .2490	.2487 .2481	.2495 .2485	.398	.140 .125	.098 .083	.056 .046	.180 .160	.24 .26	.086	.020 .010	.370	.2440 .2410
NAS6405	.3125-24	.502 .492	.3120 .3115	.3112 .3106	.3120 .3110	.460	.171 .156	.119 .104		.192 .172	.30 .32	.076		.438	.3060 .3020
NAS6406	.3750-24	.564 .554	.3745 .3740	.3737 .3731	.3745 .3735	.523	.203 .188	.140 .125		.193 .173	.37 .39		.025 .015	.454	.3680 .3640
NAS6407	.4375-20	.690 .678	.4370 .4365	.4362 .4356	.4370 .4360	.648	.234 .219	.161 .146		.209 .189	.43 .45	.116 .106		.528	.4310 .4260
NAS6408	.5000-20	.752 .741	.4995 .4990	.4987 .4981	.4995 .4985	.710	.265 .250	.182 .167		.208 .188	.49 .51		.030 .020	.528	.4930 .4880
NAS6409	.5625-18	.877 .865	.5615 .5610	.5607 .5601	.5615 .5605	.835	.296 .281	.203 .188		.217 .197	.55 .57		.035 .020	.594	.5550 .5500
NAS6410	.6250-18	.940 .928	.6240 .6235	.6232 .6226	.6240 .6230	.898	.327 .312	.223 .208	.080 .070	.217 .197	.61 .63		.040 .025	.626	.6180 .6120
NAS6412	.7500-16	1.065 1.052	.7490 .7485	.7482 .7476	.7490 .7480	1.023	.390 .375	.265 .250		.232 .212	.74 .76		.045 .030	.666	.7430 .7370
NAS6414	.8750-14	1.252 1.239	.8740 .8735	.8732 .8726	.8740 .8730	1.210	.453 .438	.307 .292		.251 .231	.87 .89	.151 .141	.050 .035	.759	.8680 .8610
NAS6416	1.0000-12	1.440 1.427	.9990 .9985	.9982 .9976	.9990 .9980	1.398	.515 .500	.348 .333		.274 .254	.99 1.01		.060 .045	.895	.9930 .9860
NAS6418	1.1250-12	1.627 1.614	1.1240 1.1230	1.1232 1.1221	1.1240 1.1225	1.585	.577 .562	.390 .375		.305 .285	1.11 1.13		.070 .055	.989	1.1180 1.1110
NAS6420	1.2500-12	1.814 1.801	1.2490 1.2480	1.2482 1.2471	1.2490 1.2475	1.772	.640 .625	.432 .417		.305 .285	1.24 1.26		.075 .060	1.083	1.2430 1.2360

BASIC NUMBER	U Max	W Min	X (g)	Y (h)	AA	BB	(d) CC	
NAS6403	.039	.410	.156	.094	.0045	.0040	.005	
NAS6404	.045	.480	.179	.107		.0030	.006	
NAS6405	.052	.552	.208	.125		.0025	.009	
NAS6406		.623						.010
NAS6407	.062	.764	.250	.150	.0060	.0020	.011	
NAS6408		.836					.012	
NAS6409	.068	.978	.278	.167			.015	.018
NAS6410		1.050						
NAS6412	.078	1.191	.312	.188	.0090	.0020	.022	
NAS6414	.089	1.405	.357	.214			.025	
NAS6416	.104	1.619	.417	.250			.028	
NAS6418		1.832						
NAS6420		2.046						

LIST OF CURRENT SHEETS

NO.	REV.
1	8
2	3
3	NEW
4	4
5	4

(a), (b) etc: See notes on Sheet 2

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE		THIRD ANGLE PROJECTION
PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION STANDARD PART
Noted on Sheet 2	BOLT, HEX HEAD, CLOSE TOLERANCE, 6AL-4V TITANIUM ALLOY, SHORT THREAD, SELF-LOCKING AND NONLOCKING	NAS 6403 thru 6420

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