

FED. SUPPLY CLASS

5310

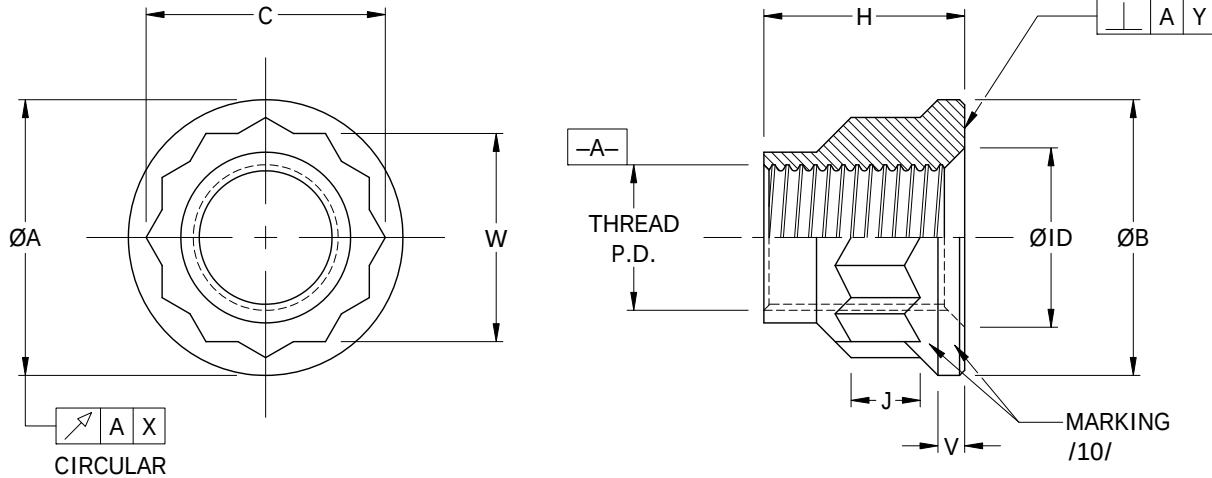


TABLE I – DIMENSIONS AND STRENGTH VALUES

SIZE NO.	THREAD	$\varnothing A$ MAX	$\varnothing B$ MIN	C MIN	H MAX	$\varnothing ID$		J MIN	W		V MIN	X	Y	MAXIMUM WEIGHT LB/100	ULTIMATE TENSILE STRENGTH LBF MIN
						MAX	MIN		MAX	MIN					
L3	.1900-32 UNJF-3B	.350	.287	.277	.250	.220	.190	.074	.251	.243	.015	.006	.003	.23	4,970
L4	.2500-28 UNJF-3B	.438	.389	.347	.310	.280	.250	.091	.313	.305	.020	.006	.003	.44	8,870
L5	.3125-24 UNJF-3B	.531	.491	.418	.385	.342	.312	.120	.376	.367	.035	.006	.003	.77	14,100
L6	.3750-24 UNJF-3B	.649	.609	.490	.455	.405	.375	.129	.439	.430	.060	.010	.003	1.37	20,900
L7	.4375-20 UNJF-3B	.750	.705	.631	.520	.473	.438	.156	.564	.553	.075	.010	.003	2.12	28,300
L8	.5000-20 UNJF-3B	.828	.783	.703	.600	.535	.500	.190	.627	.616	.095	.010	.003	3.60	37,800
L9	.5625-18 UNJF-3B	.938	.893	.775	.680	.597	.562	.230	.690	.679	.095	.010	.004	4.64	47,900
L10	.6250-18 UNJF-3B	1.050	1.005	.846	.740	.660	.625	.250	.752	.741	.095	.010	.004	6.24	59,900
L12	.7500-16 UNJF-3B	1.230	1.185	1.059	.900	.785	.750	.310	.940	.928	.120	.010	.004	8.97	86,900
L14	.8750-14 UNJF-3B	1.438	1.393	1.200	1.060	.910	.875	.350	1.064	1.052	.145	.015	.005	16.64	119,000
L16	1.0000-12 UNJF-3B	1.625	1.580	1.344	1.210	1.035	1.000	.400	1.190	1.177	.170	.015	.006	19.91	155,000
L18	1.1250-12 UNJF-3B	1.875	1.825	1.557	1.370	1.160	1.125	.450	1.377	1.364	.170	.015	.007	35.97	198,000
L20	1.2500-12 UNJF-3B	2.125	2.075	1.699	1.510	1.285	1.250	.500	1.502	1.489	.210	.015	.007	49.24	247,000
L22	1.3750-12 UNJF-3B	2.313	2.263	1.842	1.670	1.410	1.375	.550	1.627	1.614	.250	.015	.008	63.28	301,000
L24	1.5000-12 UNJF-3B	2.500	2.450	1.986	1.820	1.535	1.500	.600	1.752	1.739	.290	.015	.008	76.35	361,000

② COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, EXTENDED WASHER, DOUBLE HEXAGON, 220 KSI, 450 °F	CLASSIFICATION PART STANDARD
		NAS1758 SHEET 1 OF 2

MATERIAL: ALLOY STEEL, ~~H-11 (UNS T20011) PER AMS6485 OR AMS6487~~, 17-22A (UNS K14675) PER AMS6304, OR 8740 (UNS G87400) PER AMS6322. /9/

HARDNESS: 45HRC MAX.

FINISH: CADMIUM PLATE PER AMS2401-3 (LOW HYDROGEN CONTENT DEPOSIT) PLUS DRY FILM LUBRICANT.

LUBRICANT: DRY FILM LUBRICANT PER PROCUREMENT SPECIFICATION.

EXAMPLE OF PART NUMBERS:

NAS1758L4 = NUT, .2500-28, CADMIUM PLATED, PLUS DRY FILM LUBRICANT.

NOTES:

- (1) THREADS PER AS8879 BEFORE LUBRICATION.
- (2) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (3) PERPENDICULARITY TOLERANCE APPLIES WHEN MEASURED IN ACCORDANCE WITH NAS3353.
- (4) DIMENSIONS "W" AND "C" APPLY PRIOR TO DEFORMATION OF SELF-LOCKING DEVICE AND LUBRICATION.
- (5) UPPER THREADED PORTION DEFORMED TO PROVIDE SELF-LOCKING ACTION. TOOL MARKS PERMISSIBLE IN LOCKING AREA.
- (6) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- ~~/9/ PARTS MANUFACTURED FROM AMS6485 OR AMS6487 SHALL NOT BE SUPPLIED AFTER SEPTEMBER 30, 1995.~~
- /10/ MANUFACTURERS SYMBOL PLUS NAS NUMBER. MANUFACTURERS SYMBOL ONLY REQUIRED ON L3 SIZE. LOCATION OPTIONAL EXCEPT SHALL NOT BE LOCATED ON BEARING FACE.
- (11) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

PROCUREMENT SPECIFICATION:

NASM8922 EXCEPT AS NOTED, ALL NUTS SHALL MEET QUALIFICATION AND INSPECTION REQUIREMENTS. MANUFACTURERS SHALL PROVIDE EVIDENCE OF QUALIFICATION WHEN REQUESTED. TESTING SHALL BE PERFORMED BY MANUFACTURER OR INDEPENDENT LABORATORY. PROCURING AGENCY MAY CONDUCT CONFIRMING QUALIFICATION TESTS. NO QPL SHALL BE ESTABLISHED.

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
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

② COMPLETELY REVISED

REVISION
2
NAS1758
SHEET 2



NAS1758

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