

FED. SUPPLY CLASS

5310

CONFIGURATION OF NUT OPTIONAL WITHIN
THE LIMITATIONS IMPOSED BY DIMENSIONS
AND REQUIREMENTS SPECIFIED HEREIN

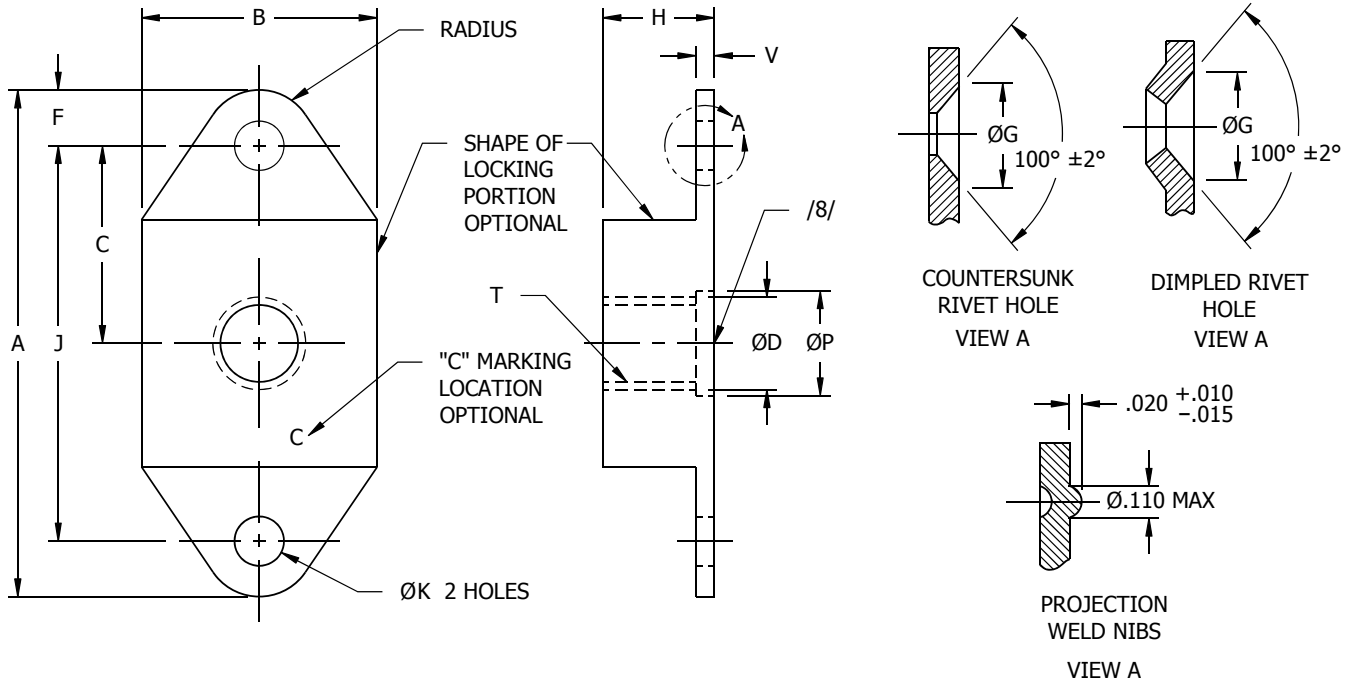
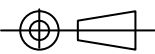


TABLE I – DASH NUMBERS AND DIMENSIONS

T THREAD SIZE	A MAX	B		C ±.005	ØD MIN	F MIN	ØG ±.010	H MAX /1/	J ±.002	ØK +.005 -.000 /2/	ØP		V MAX	AXIAL STRENGTH LBF MIN	WEIGHT LBS/100
		MAX	MIN								MAX	MIN			
.1120-40 UNJC-3B	.948	.416	.290	.344	--	.100	.200	.175	.688	.098	.270	.172	.032	750	.38
.1380-32 UNJC-3B	.948	.416	.290	.344	--	.100	.200	.203	.688	.098	.270	.198	.032	1,130	.39
.1640-32 UNJC-3B	.948	.416	.290	.344	.168	.100	.200	.250	.688	.098	.270	.224	.032	1,720	.40
.1900-32 UNJF-3B	.948	.416	.290	.344	.194	.100	.200	.250	.688	.098	.270	.250	.032	2,460	.41
.2500-28 UNJF-3B	1.292	.516	.350	.500	.254	.100	.200	.281	1.000	.098	.330	.310	.032	4,580	.90
.3125-24 UNJF-3B	1.292	.609	.412	.500	.317	.125	.230	.328	1.000	.130	.392	.372	.045	7,390	1.26
.3750-24 UNJF-3B	1.292	.680	.475	.500	.379	.125	.230	.344	1.000	.130	.455	.435	.055	11,450	1.55
.4375-20 UNJF-3B	1.477	.719	.672	.562	.442	.146	.230	.504	1.125	.161	.517	.497	.115	15,450	3.30
.5000-20 UNJF-3B	1.602	.859	.798	.625	.504	.146	.230	.630	1.250	.161	.580	.560	.115	21,110	4.00

INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21060, REVISION F. PART NUMBERS REMAIN MS21060.

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
2

PROCUREMENT
SPECIFICATION
NASM25027

TITLE
**NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING,
LOW HEIGHT, CRES, 125 KSI Ft_u, 450 °F & 800 °F**

CLASSIFICATION
PART STANDARD

NASM21060
SHEET 1 OF 4

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TABLE II – DASH NUMBERS

T THREAD SIZE	DASH NUMBERS								
	450 °F SOLID FILM LUBRICANT			800 °F SILVER PLATE			800 °F SOLID FILM LUBRICANT		
	PLAIN HOLES	CSK OR DIMPLED HOLES	WELDING PROJECTION	PLAIN HOLES	CSK OR DIMPLED HOLES	WELDING PROJECTION	PLAIN HOLES	CSK OR DIMPLED HOLES	WELDING PROJECTION
.1120-40 UNJC-3B	L04	L04K	L04W	-04	-04K	-04W	H04	H04K	H04W
.1380-32 UNJC-3B	L06	L06K	L06W	-06	-06K	-06W	H06	H06K	H06W
.1640-32 UNJC-3B	L08	L08K	L08W	-08	-08K	-08W	H08	H08K	H08W
.1900-32 UNJF-3B	L3	L3K	L3W	-3	-3K	-3W	H3	H3K	H3W
.2500-28 UNJF-3B	L4	L4K	L4W	-4	-4K	-4W	H4	H4K	H4W
.3125-24 UNJF-3B	L5	L5K	L5W	-5	-5K	-5W	H5	H5K	H5W
.3750-24 UNJF-3B	L6	--	L6W	-6	--	-6W	H6	--	H6W
.4375-20 UNJF-3B	L7	--	L7W	-7	--	-7W	H7	--	H7W
.5000-20 UNJF-3B	L8	--	L8W	-8	--	-8W	H8	--	H8W

MATERIAL:

CRES - TYPE A286 (UNS S66286) IN ACCORDANCE WITH AMS5525, AMS5732, AMS5737, OR AMS5853.

HARDNESS:

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49 HRC MAX.

FINISH:

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800 °F SILVER PLATED NUTS (DASH AS CODE LETTER): SILVER PLATE ALL THREADED SURFACES OF NUT ELEMENT IN ACCORDANCE WITH AMS2410. THREADS SHALL SHOW COMPLETE COVERAGE. SILVER PLATING ON ALL OTHER SURFACES OPTIONAL. TARNISHING OR DISCOLORATION OF SILVER NOT CAUSE FOR REJECTION. THE COMBINATION OF SILVER PLATE AND SOLID FILM LUBRICANT IS NOT AN OPTION.

LUBRICANT:

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450 °F SOLID FILM LUBRICATED NUTS (CODE LETTER L): SOLID FILM LUBRICANT IN ACCORDANCE WITH NASM25027. THREADS SHALL SHOW COMPLETE COVERAGE. SOLID FILM LUBRICANT ON ALL OTHER SURFACES OPTIONAL.

800 °F SOLID FILM LUBRICATED NUTS (CODE LETTER H): HIGH TEMPERATURE SOLID FILM LUBRICANT IN ACCORDANCE WITH AS1701, CLASS V OR VI. THREADS SHALL SHOW COMPLETE COVERAGE. SOLID FILM LUBRICANT ON ALL OTHER SURFACES OPTIONAL. THE COMBINATION OF SILVER PLATE AND SOLID FILM LUBRICANT IS NOT AN OPTION.

CODE:

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THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE II. DO NOT USE UNASSIGNED PART NUMBERS.

REVISION

2

NASM21060

SHEET 2



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