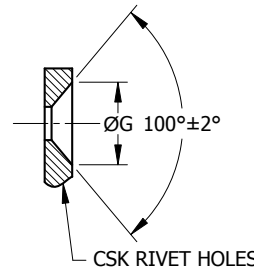
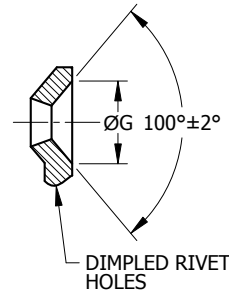
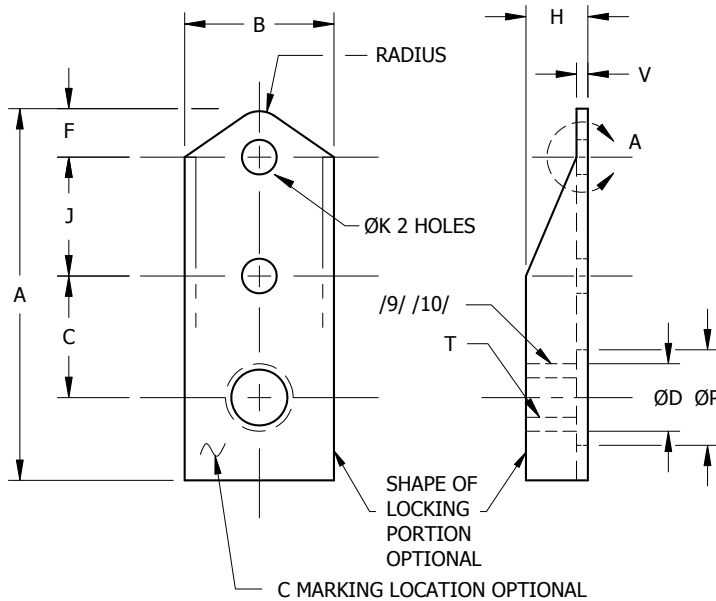


FED. SUPPLY CLASS

5310

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



VIEW A

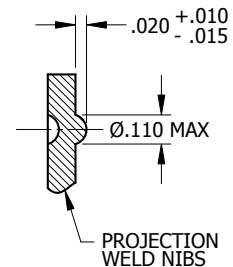


TABLE I – DIMENSIONS

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	1.051	.422	.290	.344	--	.100	.200	.175	.312	.098	.270	.172	.032	750	.52
.1380-32 UNJC-3B	1.051	.422	.290	.344	--	.100	.200	.203	.312	.098	.270	.198	.032	1,130	.53
.1640-32 UNJC-3B	1.051	.422	.290	.344	.168	.100	.200	.250	.312	.098	.270	.224	.032	1,720	.54
.1900-32 UNJF-3B	1.051	.422	.290	.344	.194	.100	.200	.250	.312	.098	.270	.250	.032	2,460	.56
.2500-28 UNJF-3B	1.306	.531	.350	.500	.254	.100	.200	.281	.312	.098	.330	.310	.032	4,580	1.00
.3125-24 UNJF-3B	1.396	.641	.412	.500	.317	.125	.230	.328	.312	.130	.392	.372	.045	7,390	1.44
.3750-24 UNJF-3B	1.422	.703	.656	.500	.380	.125	.230	.479	.312	.130	.487	.438	.075	11,450	2.00
.5000-20 UNJF-3B	1.800	.859	.796	.625	.504	.125	.230	.595	.500	.161	.550	.500	.075	15,450	2.50

② COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21062, REVISION E. PART NUMBERS REMAIN MS21062.

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	
NASM25027	

CUSTODIAN	
NATIONAL AEROSPACE STANDARDS COMMITTEE	
TITLE	
NUT, SELF-LOCKING, PLATE, ONE LUG, FLOATING, LOW HEIGHT, CRES, 125 KSI Ft _u , 450 °F & 800 °F	

REVISION	2
CLASSIFICATION PART STANDARD	
NASM21062	
SHEET 1 OF 4	

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 12-01

ISSUE DATE: SEPTEMBER 1999... REVISION DATE: JANUARY 30, 2015

TABLE II – DASH NUMBERS

T THREAD SIZES	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
.5000-20 UNJF-3B	L8	--	L8W	-8	--	-8W	H8	--	H8W

MATERIAL:

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

HARDNESS:

49 HRC MAX.

FINISH:

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.

LUBRICATION:

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:

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

② COMPLETELY REVISED

REVISION

2

NASM21062

SHEET 2



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