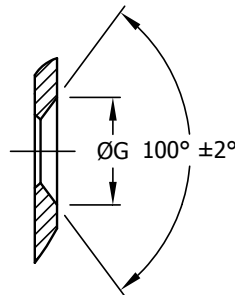
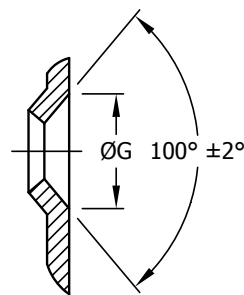
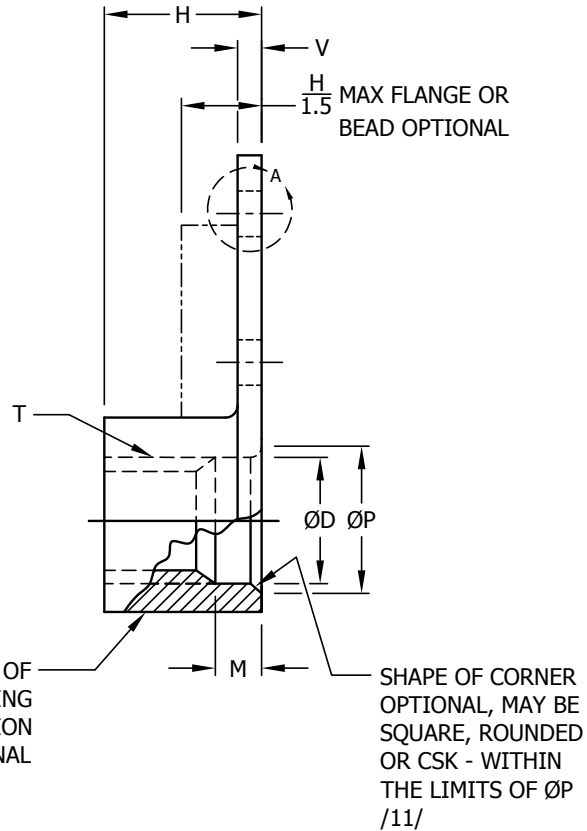
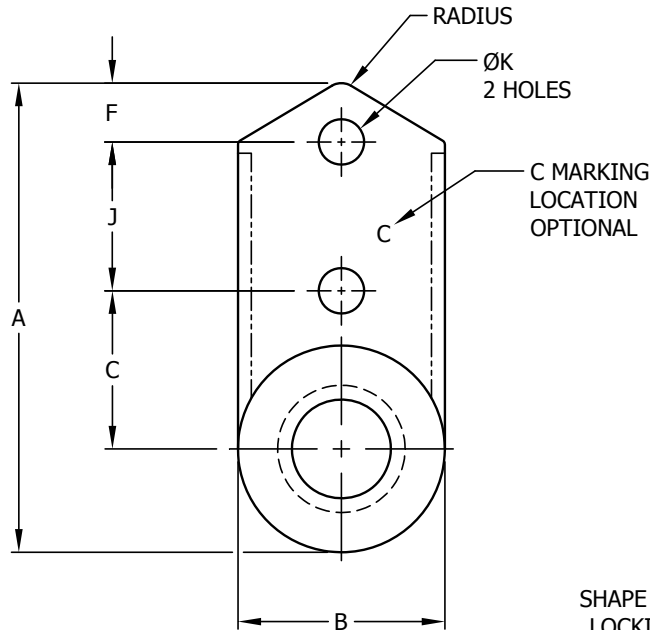


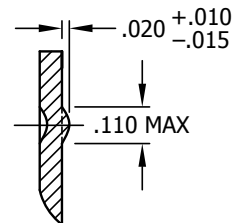
FED SUPPLY CLASS

5310

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



DIMPLED OR CSK RIVET HOLES



PROJECTION WELD NIBS

VIEW A

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21052, REVISION F. PART NUMBERS REMAIN MS21052.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, PLATE, ONE LUG, LOW HEIGHT, CRES, 125 KSI Ft_u, 450 °F AND 800 °F ①	CLASSIFICATION PART STANDARD NASM21052 SHEET 1 OF 4

TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBERS									T THREAD SIZES	A MAX	B		C ±.005	ØD MIN	F MIN
450 °F SOLID FILM LUBE			800 °F SILVER PLATED			800 °F SOLID FILM LUBE					MAX	MIN			
PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION	PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION	PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION							
L02	L02K	L02W	-02	-02K	-02W	—	—	—	.0860-56 UNJC-3B	.935	.297	.239	.344	—	.100
L02A	L02AK	L02AW	-02A	-02AK	-02AW	H02A	H02AK	H02AW	.0860-56 UNJC-3B	.935	.297	.239	.344	—	.100
L04	L04K	L04W	-04	-04K	-04W	—	—	—	.1120-40 UNJC-3B	.935	.297	.239	.344	—	.100
L04A	L04AK	L04AW	-04A	-04AK	-04AW	H04A	H04AK	H04AW	.1120-40 UNJC-3B	.935	.297	.239	.344	—	.100
L06	L06K	L06W	-06	-06K	-06W	H06	H06K	H06W	.1380-32 UNJC-3B	.935	.297	.239	.344	—	.100
L08	L08K	L08W	-08	-08K	-08W	H08	H08K	H08W	.1640-32 UNJC-3B	.935	.297	.277	.344	.168	.100
L3	L3K	L3W	-3	-3K	-3W	H3	H3K	H3W	.1900-32 UNJF-3B	.950	.328	.308	.344	.194	.100
L4	L4K	L4W	-4	-4K	-4W	H4	H4K	H4W	.2500-28 UNJF-3B	.993	.414	.375	.344	.254	.100
L5	L5K	L5W	-5	-5K	-5W	H5	H5K	H5W	.3125-24 UNJF-3B	1.210	.505	.485	.500	.317	.125
L6	—	L6W	-6	—	-6W	H6	—	H6W	.3750-24 UNJF-3B	1.264	.614	.594	.500	.379	.125
L7	—	L7W	-7	—	-7W	H7	—	H7W	.4375-20 UNJF-3B	1.446	.726	.697	.562	.442	.156

DASH NUMBERS									ØG ±.010	H MAX /5/	J ±.002 /6/	ØK +.005 -.000 /7/	M MIN	ØP MAX	V MAX	AXIAL STRENGTH LBF MIN	WEIGHT LBS/100
450 °F SOLID FILM LUBE			800 °F SILVER PLATED			800 °F SOLID FILM LUBE											
PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION	PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION	PLAIN HOLES	CTSK OR DIMPLED HOLES	WELDING PRO- JECTION									
L02	L02K	L02W	-02	-02K	-02W	—	—	—	.200	.171	.312	.098	-	.206	.047	1,130	.28
L02A	L02AK	L02AW	-02A	-02AK	-02AW	H02A	H02AK	H02AW	.200	.171	.312	.098	-	.206	.047	440	.28
L04	L04K	L04W	-04	-04K	-04W	—	—	—	.200	.171	.312	.098	-	.206	.047	1,130	.28
L04A	L04AK	L04AW	-04A	-04AK	-04AW	H04A	H04AK	H04AW	.200	.171	.312	.098	-	.206	.047	750	.28
L06	L06K	L06W	-06	-06K	-06W	H06	H06K	H06W	.200	.171	.312	.098	-	.206	.047	1,130	.28
L08	L08K	L08W	-08	-08K	-08W	H08	H08K	H08W	.200	.250	.312	.098	-	.248	.047	1,720	.29
L3	L3K	L3W	-3	-3K	-3W	H3	H3K	H3W	.200	.250	.312	.098	.062	.274	.047	2,460	.33
L4	L4K	L4W	-4	-4K	-4W	H4	H4K	H4W	.200	.281	.312	.098	.062	.344	.055	4,580	.57
L5	L5K	L5W	-5	-5K	-5W	H5	H5K	H5W	.230	.328	.312	.130	.062	.417	.065	7,390	.96
L6	—	L6W	-6	—	-6W	H6	—	H6W	.230	.344	.312	.130	.062	.505	.075	11,450	1.44
L7	—	L7W	-7	—	-7W	H7	—	H7W	.230	.390	.344	.161	.062	.602	.085	15,450	2.02

MATERIAL:

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

HARDNESS:

49HRC, MAX

FINISH:

800 °F SILVER PLATED NUTS: 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.

LUBRICATION:

450 °F SOLID FILM LUBRICATED NUTS: SOLID FILM LUBRICANT PER NASM25027.
800 °F SOLID FILM LUBRICATED NUTS: HIGH TEMPERATURE SOLID FILM LUBRICANT PER AS1701, CLASS V OR VI.

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

1 COMPLETELY REVISED

REVISION

1

NASM21052

SHEET 2



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