

FED. SUPPLY CLASS

5310

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

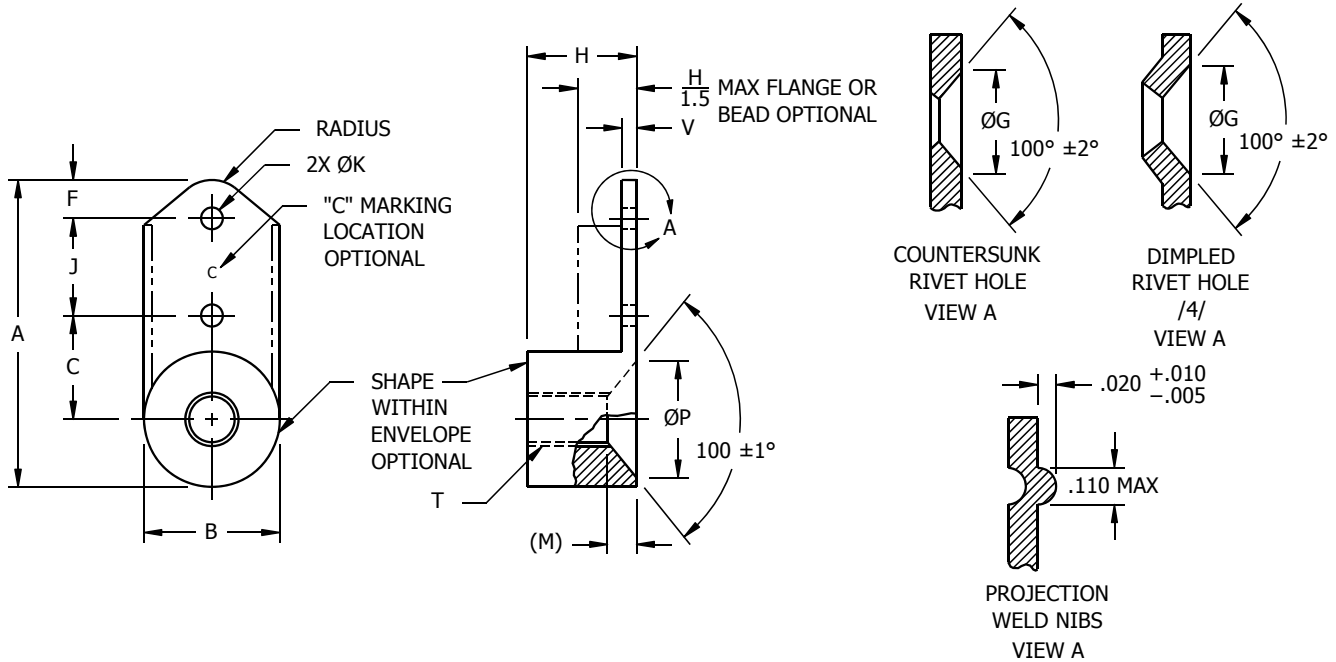


TABLE I – DIMENSIONS

T THREAD SIZE /1/	A MAX	B		C ±.005	F MIN	ØG ±.010	H MAX /2/	J ±.002 /3/	ØK +.005 -.000 /4/	(M)	ØP ±.005	V MAX	AXIAL STRENGTH LBF MIN	WEIGHT LBS/100 MAX
		MAX	MIN											
.1640-32 UNJC-3B	.997	.442	.360	.344	.100	.200	.272	.312	.098	.084	.365	.047	1,720	.43
.1900-32 UNJF-3B	1.013	.453	.406	.344	.100	.200	.281	.312	.098	.093	.411	.047	2,460	.44
.2500-28 UNJF-3B	1.252	.619	.535	.500	.100	.200	.340	.312	.098	.121	.540	.055	4,580	.86
.3125-24 UNJF-3B	1.340	.766	.681	.500	.125	.230	.422	.312	.130	.156	.686	.065	7,390	1.17

(2)

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
.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

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21054, REVISION E. PART NUMBERS REMAIN MS21054.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, PLATE, ONE LUG, 100° CSK, LOW HEIGHT, CRES, 125 KSI Ft_u, 450 °F & 800 °F	CLASSIFICATION PART STANDARD MS21054 SHEET 1 OF 4

MATERIAL:

CRES - A286 (UNS S66286) IN ACCORDANCE WITH AMS5525, ~~AMS5735~~ AMS5732, OR AMS5737.

HARDNESS:

49HRC MAX.

FINISH:

- ② 800 °F SILVER PLATED NUTS (DASH AS CODE LETTER): SILVER PLATE ALL THREADED SURFACES OF NUT PER AMS2410. THREADS SHALL SHOW COMPLETE COVERAGE. SILVER PLATING ON ALL OTHER SURFACES OPTIONAL. TARNISHING OR DISCOLORATION OF SILVER NOT CAUSE FOR REJECTION. NO SILVER PLATE ON WELD NIBS. THE COMBINATION OF SILVER PLATE AND SOLID FILM LUBRICANT IS NOT AN OPTION.

LUBRICATION:

- ② 450 °F SOLID FILM LUBRICATED NUTS (CODE LETTER L): SOLID FILM LUBRICANT PER 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 PER 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:

- ② THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE II. DO NOT USE UNASSIGNED PART NUMBERS.

EXAMPLE OF PART NUMBER:

MS21054 L4K = NUT, SELF-LOCKING, ONE LUG, CRES, 125 KSI Ft_u, 450 °F, SOLID FILM LUBRICANT; .2500-28 UNJF-3B; COUNTERSUNK OR DIMPLED HOLES.

└─── DASH NUMBER

└─── BASIC MS NUMBER

NOTES:

- /1/ THREADS BEFORE LUBRICATION IN ACCORDANCE WITH AS8879.
- /2/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATION.
- /3/ CENTER OF THE TAPPED HOLE SHALL NOT DEVIATE IN ANY DIRECTION FROM THE CENTER OF THE PLATE NUT AS DETERMINED BY THE RIVET HOLES BY MORE THAN .005.
- /4/ DIMPLED HOLE TOLERANCE FOR "ØK" IS +.015, -.000 AFTER FORMING.

REVISION
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