

FED. SUPPLY CLASS

5310

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

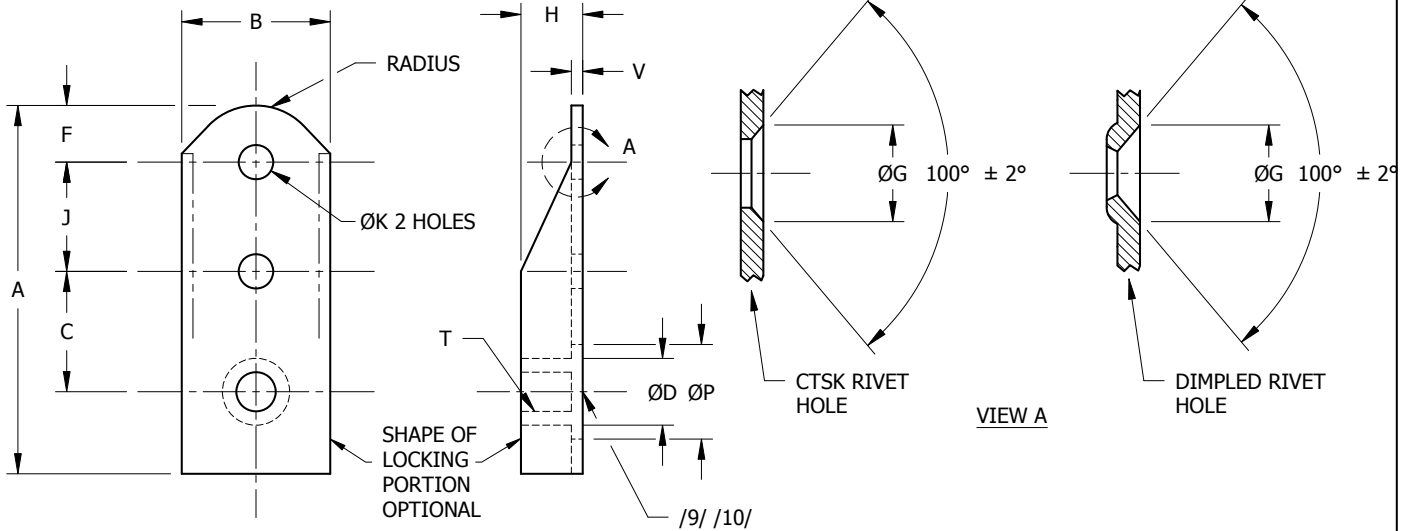


TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBERS				T THREAD SIZE /8/	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
PLAIN RIVET HOLES		CSK OR DIMPLED RIVET HOLES				MAX	MIN								MAX	MIN			
NON-DRY FILM LUBT	DRY FILM LUBT	NON-DRY FILM LUBT	DRY FILM LUBT																
-04	L04	-04K	L04K	.1120-40 UNJC-3B	1.051	.422	.290	.344	-	.100	.200	.175	.312	.098	.270	.172	.032	750	.52
-06	L06	-06K	L06K	.1380-32 UNJC-3B	1.051	.422	.290	.344	-	.100	.200	.203	.312	.098	.270	.198	.032	1,130	.53
-08	L08	-08K	L08K	.1640-32 UNJC-3B	1.051	.422	.290	.344	.168	.100	.200	.250	.312	.098	.270	.224	.032	1,720	.54
-3	L3	-3K	L3K	.1900-32 UNJF-3B	1.051	.422	.290	.344	.194	.100	.200	.250	.312	.098	.270	.250	.032	2,460	.56
-4	L4	-4K	L4K	.2500-28 UNJF-3B	1.306	.531	.350	.500	.254	.100	.200	.281	.312	.098	.330	.310	.032	4,580	.93
-5	L5	-5K	L5K	.3125-24 UNJF-3B	1.396	.641	.412	.500	.317	.125	.230	.328	.312	.130	.392	.372	.045	7,390	1.44
-6	L6	-	-	.3750-24 UNJF-3B	1.422	.703	.656	.500	.380	.125	.230	.479	.312	.130	.487	.438	.075	11,450	2.00
-8	L8	-	-	.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 MS21061, REVISION G. PART NUMBERS REMAIN MS21061.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, PLATE, ONE LUG, FLOATING, LOW HEIGHT, STEEL, 125 KSI Ft_u, 450 °F	CLASSIFICATION PART STANDARD
		NASM21061 SHEET 1 OF 4

MATERIAL:

CARBON STEEL COMPOSITIONS 1035 (UNS G10350), 1040 (UNS G10400), AND 1050 (UNS G10500),
IN ACCORDANCE WITH ASTM A827/A827M OR QQ-S-700; 1042 (UNS G10420) IN
ACCORDANCE WITH ASTM A29/A29M.
ALLOY STEEL, GRADES 4130 (UNS G41300), 4340 (UNS G43400) AND 8740 (UNS G87400) IN
ACCORDANCE WITH ASTM A29/A29M, FE-PL43S CONFORMING TO CHEMISTRY OF EN2543,
FE-PL45 CONFORMING TO THE CHEMISTRY OF EN3330.

HEAT TREATMENT:

49 HRC, MAX.

FINISH:

CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416 TYPE II, CLASS 2.
FOR DRY FILM LUBRICATED NUTS, THE TYPE AND CLASS ARE OPTIONAL IF THE NUTS MEET THE
SALT SPRAY REQUIREMENT OF AMS-QQ-P-416, TYPE II.

LUBRICATION:

DRY FILM LUBRICANT APPROVED IN ACCORDANCE WITH NASM25027.
NON-DRY FILM LUBRICANTS SHALL BE SOLUBLE IN THE CLEANER SPECIFIED IN AMS-S-8802

CODE:

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

EXAMPLE OF PART NUMBER:

MS21061 L4K = NUT, SELF-LOCKING, PLATE, ONE LUG, FLOATING, LOW HEIGHT, STEEL, 125 KSI
FTU, 450 °F; .2500-28 UNJF-3B; DRY FILM LUBRICANT, COUNTERSUNK OR
DIMPLED HOLES
DASH NUMBER
BASIC PART NUMBER

NOTES:

- /1/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATION.
- /2/ DIMPLED RIVET HOLE TOLERANCE FOR "ØK" IS +.015, -.000.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF
LUBRICATION UNLESS OTHERWISE SPECIFIED.

② COMPLETELY REVISED

REVISION
2
NASM21061
SHEET 2

