

FED. SUPPLY CLASS

5310

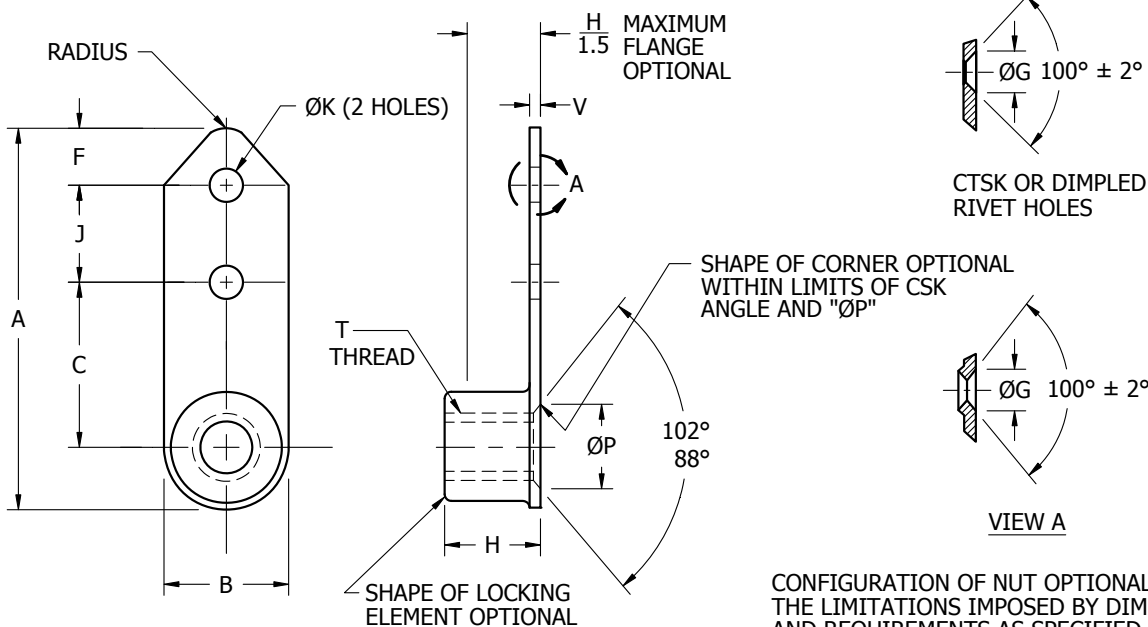


TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBERS		T THREAD SIZES	A MAX	B		C ±.005	F MIN	ØG ±.010	H		J ±.002 /1/ -.000 /2/	ØK +.005 -.000 /2/	ØP		V MAX	AXIAL STRENGTH LBF MIN	WEIGHT LBS/100
PLAIN HOLES	CTSK OR DIMPLED HOLES			MAX	MIN				MAX	MIN			MAX	MIN			
06	06K	.1380-32 UNJC-3B	1.031	.406	.375	.344	.115	.200	.297	.160	.312	.098	.177	.138	.075	1,130	1.40
08	08K	.1640-32 UNJC-3B	1.031	.406	.375	.344	.115	.200	.297	.219	.312	.098	.230	.164	.075	1,720	1.30
3	3K	.1900-32 UNJF-3B	1.031	.406	.375	.344	.115	.200	.312	.234	.312	.098	.230	.190	.075	2,460	1.20
4	4K	.2500-28 UNJF-3B	1.062	.516	.438	.344	.115	.200	.375	.240	.312	.098	.293	.250	.075	4,580	1.50
5	5K	.3125-24 UNJF-3B	1.250	.531	.500	.500	.115	.230	.375	.271	.312	.130	.356	.312	.075	7,390	2.00
6	6K	.3750-24 UNJF-3B	1.344	.641	.609	.500	.115	.230	.453	.318	.312	.130	.418	.375	.075	11,450	2.50

MATERIAL:

CARBON STEEL, COMPOSITIONS 1035 (UNS G10350), 1040 (UNS G10400) AND 1050 (UNS G10500), PER QQ-S-635 ASTM A827/A827M; 1042 (UNS G10420), 1137 (UNS G11370) PER ASTM A29/A29M; 11L37 (UNS G11374) PER AMS5020; C1110 (UNS G11100) AND C1018 (UNS 10180) PER ASTM A29/A29M.

ALLOY STEEL, GRADES 4130 (UNS G41300), 4340 (UNS G43400), 8740 (UNS G87400) PER ASTM A29/A29M.

INSERT: NON-METALLIC, NYLON OR EQUIVALENT.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21080, REVISION D. PART NUMBERS REMAIN MS21080.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, PLATE, ONE LUG, NON-METALLIC INSERT, STEEL, 125 KSI Ft_u, 250 °F	CLASSIFICATION PART STANDARD NASM21080

HEAT TREATMENT:

35 HRC, MAX.

FINISH:

CADMIUM PLATE IN ACCORDANCE AMS-QQ-P-416 TYPE II, CLASS 2.

CODE:

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

EXAMPLE OF PART NUMBER:

MS21080-4 = NUT, SELF-LOCKING, PLATE, ONE LUG, NON-METALLIC INSERT, STEEL; 125 KSI Ft_u, 250 °F; .2500-28 UNJF-3B; PLAIN HOLES.

└── DASH NUMBER

└── BASIC PART NUMBER

NOTES:

- /1/ THE 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.
- /2/ DIMPLED RIVET HOLE TOLERANCE FOR "ØK" IS +.015/-.000.
- (3) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (4) THREADS IN ACCORDANCE WITH AS8879.
- (5) SURFACE ROUGHNESS SHALL NOT EXCEED 125 MICROINCHES Ra PER ASME B46.1.
- (6) MINIMUM VIBRATION LIFE REQUIREMENT SHALL BE THREE TIMES AVERAGE VIBRATION LIFE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- (7) REMOVE ALL BURRS AND SHARP EDGES.
- (8) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (10) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (11) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.

① COMPLETELY REVISED

REVISION
1
MS21080-4
SHEET 2



NAS

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