

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

FED. SUPPLY CLASS

5310

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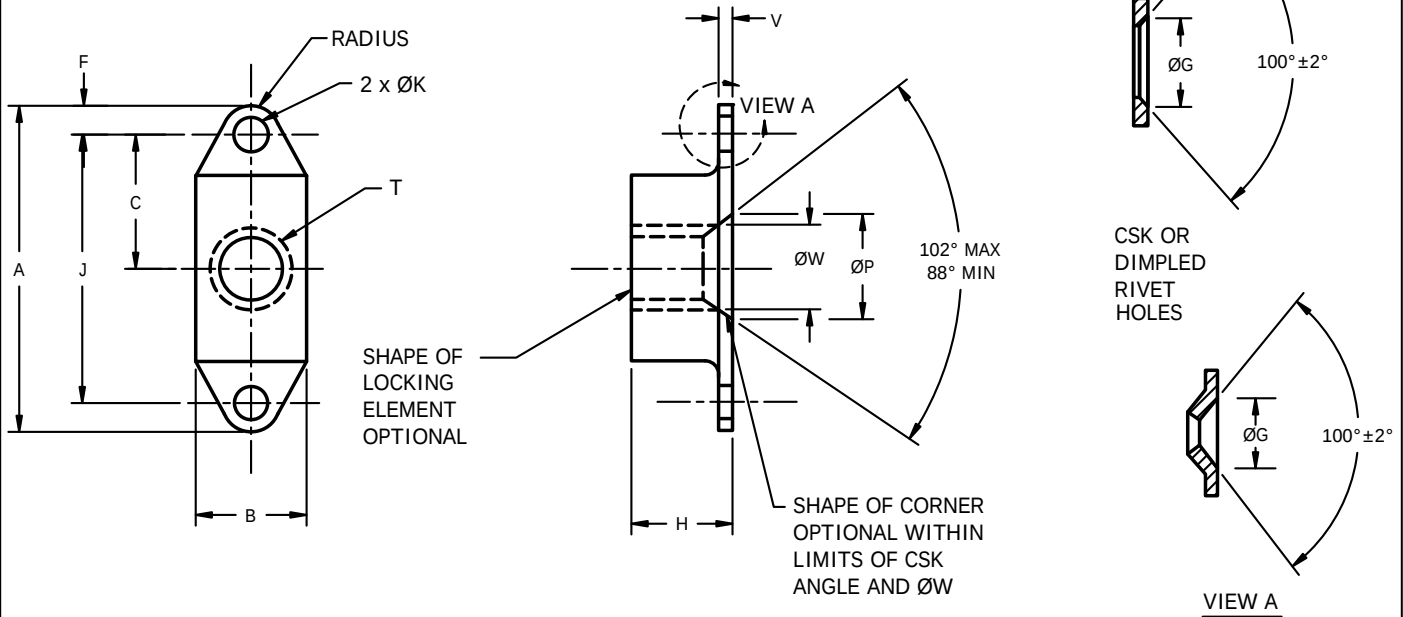


TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NUMBER		T THREAD SIZE	A MAX	B		C ±.005	F MIN	ØG ±.010	H		J ±.010	ØK /1/ +.005 -.000	ØP	
PLAIN HOLES	CSK OR DIMPLED HOLES			MAX	MIN				MAX	MIN			MAX	MIN
04	04K	.1120-40 UNJC-3B	.984	.416	.328	.344	.115	.200	.218	.140	.688	.098	.260	.198
06	06K	.1380-32 UNJC-3B	.984	.416	.328	.344	.115	.200	.234	.160	.688	.098	.260	.198
08	08K	.1640-32 UNJC-3B	.984	.416	.328	.344	.115	.200	.312	.234	.688	.098	.270	.224
3	3K	.1900-32 UNJF-3B	.984	.416	.328	.344	.115	.200	.312	.234	.688	.098	.270	.250
4	4K	.2500-28 UNJF-3B	1.296	.516	.406	.500	.115	.200	.387	.283	1.000	.098	.330	.310
5	5K	.3125-24 UNJF-3B	1.296	.609	.484	.500	.115	.230	.387	.283	1.000	.130	.393	.373
6	6K	.3750-24 UNJF-3B	1.296	.641	.563	.500	.115	.230	.479	.439	1.000	.130	.455	.435
7	/2/	.4375-20 UNJF-3B	1.477	.719	.672	.562	.146	/2/	.504	.470	1.123	.161	.517	.497
8	/2/	.5000-20 UNJF-3B	1.602	.859	.796	.625	.146	/2/	.630	.596	1.250	.161	.580	.560

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21077, REVISION H. PART NUMBERS REMAIN MS21077.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM25027	TITLE NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING, NON-METALLIC INSERT, STEEL, 125 KSI Ft_u, 250 °F	CLASSIFICATION PART STANDARD
		NASM21077 SHEET 1 OF 4

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TABLE I – DASH NUMBERS AND DIMENSIONS (CONTINUED) (2)

DASH NUMBER		V MAX	ØW MIN	AXIAL STRENGTH LBF MIN	WEIGHT LB/100
PLAIN HOLES	CSK OR DIMPLED HOLES				
04	04K	.075	.112	750	.55
06	06K	.075	.138	1,130	.55
08	08K	.075	.164	1,720	.60
3	3K	.075	.190	2,460	.60
4	4K	.075	.250	4,580	1.20
5	5K	.075	.312	7,390	2.20
6	6K	.075	.375	11,450	2.80
7	/2/	.115	.437	15,450	3.30
8	/2/	.115	.500	21,110	4.00

MATERIAL:

- NUT - CARBON STEEL GRADE 1008 (UNS G10080) PER AMS5061 OR ASTM A29/A29M, (2)
GRADE 1035 (UNS G10350) PER AMS5080,
GRADE 1040 (UNS G10400) PER ASTM A827/A827M,
GRADE 1042 (UNS G10420) PER ASTM A29/A29M,
GRADE 1050 (UNS G10500) PER AMS5085,
GRADE 1137 (UNS G11370) PER AMS5024,
(2) GRADE 11L37 (UNS G11374) PER AMS5020,
GRADE 1141 (UNS G11410) PER ASTM A29/A29M,
GRADE 12L14 (UNS G12144) PER ASTM A108.
- ALLOY STEEL GRADE 4130 (UNS G41300) PER AMS6370,
GRADE 8740 (UNS G87400) PER MIL-S-6049, AMS6322, AMS6325, AMS6327.
- SHIM (IF APPLICABLE) -
CARBON STEEL GRADE 1008 (UNS G10080) PER AMS5061 OR ASTM A29/A29M, (2)
GRADE 1010 (UNS G10100) PER AMS5040.
ALUMINUM ALLOY 1100, ANNEALED (UNS A91100) PER ASTM B209 OR QQ-A-250/1.
- RETAINER (IF APPLICABLE) -
CARBON STEEL GRADE 1008 (UNS G10080) PER AMS5061 OR ASTM A29/A29M, (2)
GRADE 1009 (UNS G10090) PER ASTM A827/A827M, (2)
GRADE 1010 (UNS G10100) PER AMS5040,
GRADE 1050 (UNS G10500) PER AMS5085.
ALUMINUM ALLOY 2024, TEMPER T4 (UNS A92024) PER AMS-QQ-A-250/4.
7075, TEMPER T6 (UNS A97075) PER AMS-QQ-A-250/12
OR (UNS A87075) AMS-QQ-A-250/13 AMS4049. (2)
- INSERT - NYLON PER ASTM D4066, GROUP 1, CLASS 1 OR 2.

FINISH:

STEEL – CADMIUM PLATE IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 2.
ALUMINUM – ANODIZE OR CHEMICALLY TREAT IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.

LUBRICATION:

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

REVISION

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NAS Documents

SHEET 2



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