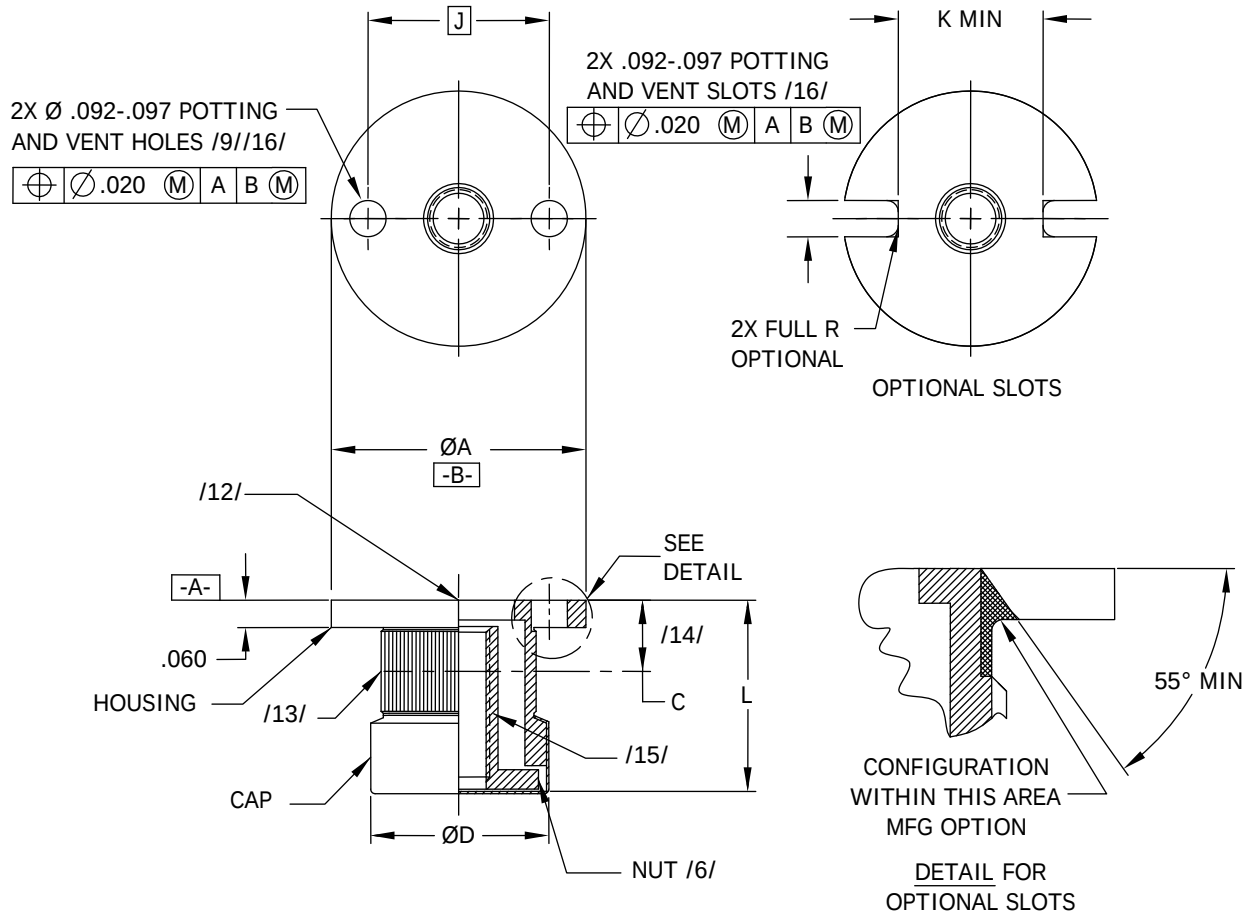


FED.SUPPLY CLASS

5325



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TABLE I – DIMENSIONS

FIRST DASH NO.	THREAD CLASS 3B	ØA +.000 -.010	C	ØD MAX	J BASIC	K MIN	L /7/	INSTALLATION HOLE SIZE
08	.1640-32 UNJC	.685	.16	.545	.500	.393	.37	.686-.691
3	.1900-32 UNJF	.685	.16	.545	.500	.393	.43	.686-.691
4	.2500-28 UNJF	.748	.18	.735	.591	.484	.56	.749-.755
5	.3125-24 UNJF	.810	.20	.800	.655	.548	.75	.811-.817
6	.3750-24 UNJF	.873	.22	.865	.718	.611	.81	.874-.880

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NONE

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	INSERT, MOLDED IN, BLIND THREADED, SELF-LOCKING, NONSELF-LOCKING, FLOATING, SANDWICH PANEL

REVISION	8
CLASSIFICATION PART STANDARD	NAS1835
SHEET 1 OF 3	

MATERIAL:

- NUT: CARBON STEEL PER ASTM A 108, ASTM A 576, OR MATERIAL COMPOSITION PER AIR4127 FED-STD-66, ULTIMATE TENSILE STRENGTH 85 KSI MINIMUM.
CORROSION RESISTANT STEEL TYPE 303 (UNS S30300) PER ASTM A 582/A 582M.
- HOUSING: CARBON STEEL PER ASTM A 108, ASTM A 576, OR MATERIAL COMPOSITION PER AIR4127 FED-STD-66, ULTIMATE TENSILE STRENGTH 85 KSI MINIMUM.
AL ALLOY, GRADE 2024 (UNS A92024), TEMPER T4 OR T351 PER AMS-QQ-A-225/6.
CORROSION RESISTANT STEEL, TYPE 303 (UNS S30300) PER ASTM A 582/A 582M.
- CAP: AL ALLOY, GRADE 3003-O, 3003-H14 (UNS A93003) PER QQ-A-250/2, ASTM B 209, 5052-O, 5052-H32 (UNS A95052) PER AMS-QQ-A-250/8, OR 6061-O (UNS A96061) PER QQ-A-250/11 AMS4025.

FINISH:

- CARBON STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
AL ALLOY - HOUSING - ANODIZE PER MIL-A-8625, TYPE I, CLASS OPTIONAL.
AL ALLOY - CAP - ANODIZE PER MIL-A-8625, TYPE I, CLASS OPTIONAL OR COAT PER MIL-DTL-5541, CLASS 3 OR CLASS 1A.
CRES - PASSIVATE PER AMS2700, METHOD I, CLASS 4; SILVER PLATE PER AMS2410 OR AMS2411; OR CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. SOLID FILM LUBRICANT PER AS5272 TYPE I, APPLIED TO NUT ONLY.

CODE:

- NO LETTER AFTER BASIC NUMBER INDICATES CARBON STEEL NUT AND HOUSING, CADMIUM PLATED.
SUFFIX "A" TO BASIC NUMBER INDICATES CARBON STEEL NUT, CADMIUM PLATED AND AL ALLOY HOUSING, ANODIZED.
SUFFIX "C" TO BASIC NUMBER INDICATES CRES NUT AND HOUSING, PASSIVATED.
FIRST DASH NUMBER INDICATES NOMINAL THREAD SIZE, SEE TABLE I.
NO LETTER AFTER DASH NUMBER FOR CRES INDICATES PASSIVATE ONLY. /5/
SUFFIX "M" TO DASH NUMBER INDICATES SOLID FILM LUBRICANT ON NUT. /5/
SUFFIX "N" TO DASH NUMBER INDICATES NONSELF-LOCKING.
SUFFIX "P" TO DASH NUMBER INDICATES CADMIUM PLATE ON CRES NUT. /5/
SUFFIX "S" TO DASH NUMBER INDICATES SILVER PLATED CRES NUT. /5/

EXAMPLE OF PART NUMBER:

- NAS1835-3M - .1900-32 UNJF-3B THREAD, CARBON STEEL NUT AND HOUSING, CADMIUM PLATED WITH SOLID FILM LUBRICANT ON NUT, SELF-LOCKING.
- NAS1835A3N - .1900-32 UNJF-3B THREAD, CARBON STEEL NUT, CADMIUM PLATED, NONSELF-LOCKING, AL ALLOY ANODIZED HOUSING.
- NAS1835C4S - .2500-28 UNJF-3B THREAD, CRES NUT AND HOUSING, PASSIVATED, SILVER PLATED NUT, SELF-LOCKING.
- NAS1835C4P - .2500-28 UNJF-3B THREAD, CRES NUT AND HOUSING, PASSIVATED, CADMIUM PLATED NUT, SELF-LOCKING.

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REVISION

8

NAS1835
SHEET 2



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