

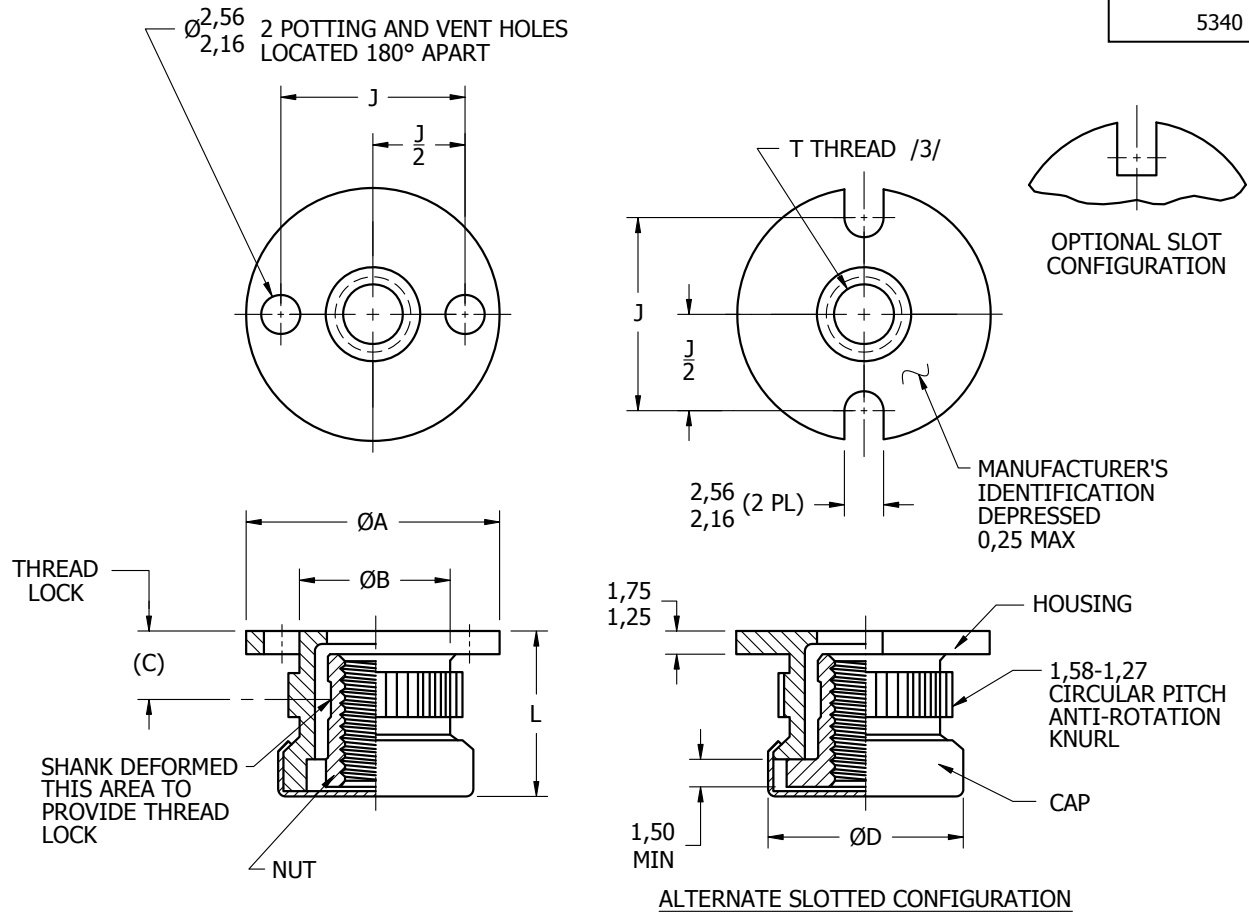


TABLE I – DIMENSIONS

FIRST DASH NO.	T THREAD	ØA 0 -0,25	ØB ±0,25	(C)	ØD ±0,25	J ±0,25	L ±0,50	INSTALLATION HOLE SIZE
040	MJ4 x 0,7 - 4H6H	17,94	11,40	4,00	13,60	12,70	9,50	17,96-18,09
050	MJ5 x 0,8 - 4H6H	17,94	11,40	4,00	13,60	12,70	11,00	17,96-18,09
060	MJ6 x 1 - 4H5H	18,94	14,30	4,50	18,40	15,00	14,00	18,96-19,09
080	MJ8 x 1 - 4H5H	20,94	16,00	5,00	20,10	16,60	19,00	20,96-21,09
100	MJ10 x 1,25 - 4H5H	21,94	19,00	5,50	21,70	18,20	20,50	21,96-22,09

MATERIAL:

NUT: CARBON STEEL – 1137, 1141, OR 1215 (UNS G11370, G11410 OR G12150) PER ASTM A108.
HOUSING: ALUMINUM ALLOY – 2024-T851 (UNS A92024) PER QQ-A-225/6 AMS-QQ-A-225/6.
CAP: ALUMINUM ALLOY – 6061-O (UNS A96061) PER QQ-A-250/11 AMS4025.

HEAT TREATMENT:

NUT: ULTIMATE TENSILE STRENGTH 600 MPa MIN.

① COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION NONE	TITLE INSERT, SANDWICH PANEL, MOLDED IN, BLIND THREADED, SELF-LOCKING, ALUM/STEEL, FLOATING, METRIC	CLASSIFICATION PART STANDARD



Documents
SHEET 1 OF 2
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FINISH:

CARBON STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
ALUMINUM ALLOY: CHEM. FILM PER MIL-DTL-5541, CLASS 3.

LUBRICATION:

CARBON STEEL: SOLID FILM LUBRICANT PER MIL-PRF-46010 AS5272, TYPE I. APPLY ON NUT ELEMENT ONLY.

EXAMPLE OF PART NUMBER:

NA0244-050
THREAD SIZE: MJ5 x 0,8
BASIC PART NUMBER

NOTES:

- (1) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (2) THREADS IN ACCORDANCE WITH FED-STD-H28/21 BEFORE THREAD LOCK AND LUBRICATION AND AFTER PLATING.
- /3/ THREAD FIT-THREAD GAGING AFTER PLATING IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21 EXCEPT PARTS SHALL PERMIT FREE ROTATIONAL (FINGER TORQUED) ENGAGEMENT OF AT LEAST 3/4 TURN WITH A BOLT HAVING THREADS CONFORMING TO FED-STD-H28/21.
- (4) BURRS CAUSED BY DRILLING OR SLOTTING OF POTTING HOLES/SLOTS PERMISSIBLE UNDER FLANGE.
- (5) ALL METAL (DEFORMED SHANK) TYPE LOCKING FEATURE SHALL BE IN ACCORDANCE WITH NA0009.
- (6) SURFACE ROUGHNESS SHALL NOT EXCEED 3,2 MICROMETERS Ra PER ASME B46.1.
- (7) MAXIMUM BOLT ENGAGEMENT SHOULD NOT EXCEED "L" MINUS 1,5.
- (8) MINIMUM RADIAL FLOAT 0,8.
- (9) AN ADHESIVE-BACKED INSTALLATION TAB NA0170 SHALL BE FURNISHED WITH EACH INSERT.
- (10) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (11) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (12) 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.
- (13) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

① COMPLETELY REVISED

REVISION
1
NA0244
SHEET 2



Documents
SHEET 2

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