

FED. SUPPLY CLASS

5310

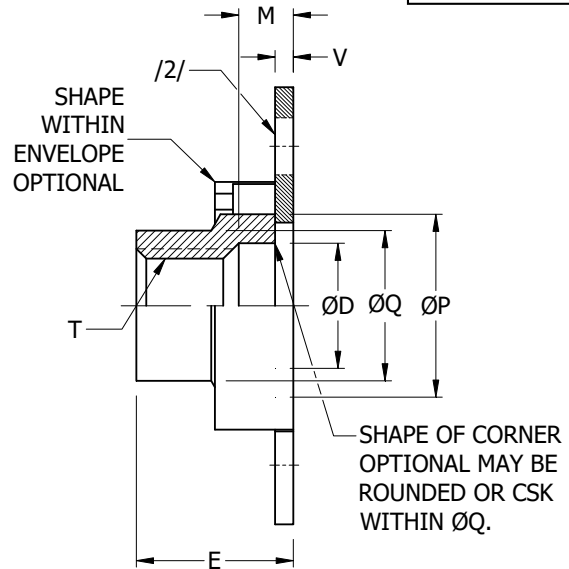
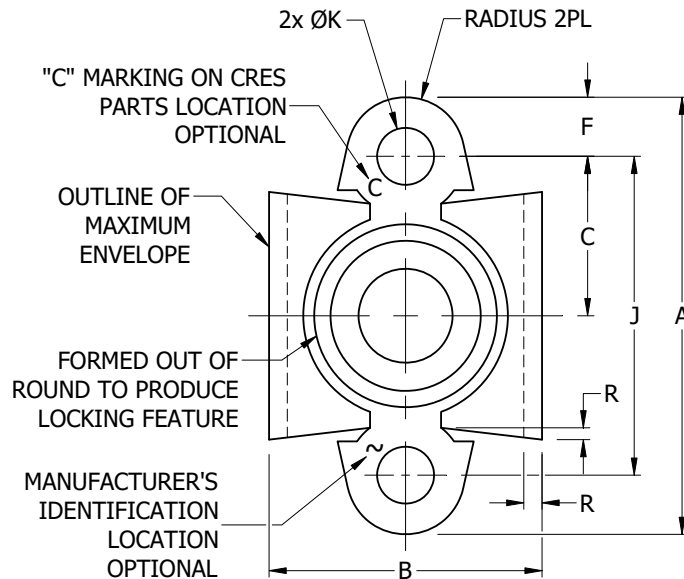


TABLE I – DIMENSIONS

DASH NUMBERS				T THREAD /1/	A MAX	B MAX	C ±0,13	ØD C'BORE MIN	E +0 -0,8	F MIN (3)	J ±0,13	ØK +0,2 -0	M C'BORE MIN	ØP MAX	ØQ MAX	R MIN /5/	V MAX
NA0085 STEEL	NA0086 CRES																
CAD W/ MoS ₂ 235 °C	CAD W/O MoS ₂ 235 °C	SIL VER PLATE 425 °C	MoS ₂ W/O SILVER 235 °C														
040M	040	040L	040M	MJ4X0,7-4H6H	17,2	11,0	6	4,4	5,8	2,5	12	2,5	2,2	6,3	5,5	0,5	0,8
050M	050	050L	050M	MJ5X0,8-4H6H	19,2	12,0	7	5,5	6,9	2,5	14	2,5	2,4	7,3	6,5	0,7	0,8
060M	060	060L	060M	MJ6X1-4H5H	21,2	13,5	8	6,5	8,1	2,5	16	2,5	2,7	8,7	7,5	0,7	0,8

MATERIAL:

STEEL - CARBON OR ALLOY STEEL.
CRES - A286 (UNS S66286) PER AMS5525, AMS5732 OR AMS5737.

HEAT TREATMENT:

STEEL - 46 HRC MAXIMUM.

FINISH:

STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II OR TYPE III, CLASS 2.
CRES - SILVER PLATE FOR 425 °C USE PER AMS2410 TO A 5 µm MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A Ø20 mm BALL. THREAD SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.

LUBRICANT:

MOLY DISULFIDE SOLID FILM LUBRICANT (MoS₂) PER MIL-PRF-46010, TYPE I; 10 µm MINIMUM THICKNESS.



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
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PROCUREMENT
SPECIFICATION

NOTED

TITLE
**NUT, SELF-LOCKING, PLATE, FLOATING, TWO LUG
REDUCED RIVET SPACING, LOW HEIGHT, C'BORED,
1100 MPa, METRIC, 235 °C, 425 °C**

CLASSIFICATION
PART STANDARD

NA0085 AND NA0086
SHEET 1 OF 2

CODE: NA0085 - "M" SUFFIXED TO DASH NUMBER INDICATES CADMIUM PLATE STEEL WITH SOLID FILM LUBRICANT.
NO CODE INDICATES CADMIUM PLATE STEEL WITHOUT SOLID FILM LUBRICANT.
NA0086 - "M" SUFFIXED TO DASH NUMBER INDICATES A286 CRES WITH SOLID FILM LUBRICANT.
"L" SUFFIXED TO DASH NUMBER INDICATES SILVER PLATE A286 CRES.

EXAMPLE OF PART NUMBER:

STEEL:

NA0085-060M = MJ6X1-4H5H THREAD, PLAIN RIVET HOLES, CADMIUM PLATED WITH SOLID FILM LUBRICANT.

NA0085-060 = MJ6X1-4H5H THREAD, PLAIN RIVET HOLES, CADMIUM PLATED.

CRES:

NA0086-060L = MJ6X1-4H5H THREAD, PLAIN RIVET HOLES, SILVER PLATED.

NA0086-060M = MJ6X1-4H5H THREAD, PLAIN RIVET HOLES, SOLID FILM LUBRICATED.

NOTES:

- /1/ THREADS SHALL BE MJ FORM IN ACCORDANCE WITH FED-STD-H28/21. FOR ACCEPTABILITY SEE PROCUREMENT SPECIFICATION.
- /2/ THE ASSEMBLY SHALL PROVIDE A BEARING SURFACE FOR THE NUT WITHIN THE HOUSING. THE NUT AND BASE PORTION OF THE ASSEMBLY SHALL FORM ONE INTEGRAL UNIT.
- (3) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (4) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /5/ INDICATES MINIMUM RADIAL FLOAT.
- (6) TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0,8$.
- (7) FOR CRES MATERIAL, MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH $H = 200$ OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/A342M, TEST METHOD 3.
- (8) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (9) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (10) 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.

PROCUREMENT SPECIFICATION:

NA0085 - NA0009 CLASS II.

NA0086 - NA0044 CLASS II.

TESTING SHALL BE PERFORMED BY MANUFACTURER OR INDEPENDENT LABORATORY. NO QPL SHALL BE ESTABLISHED.

REVISION

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NA0085-0086
SHEET 2



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