

FED. SUPPLY CLASS

5310

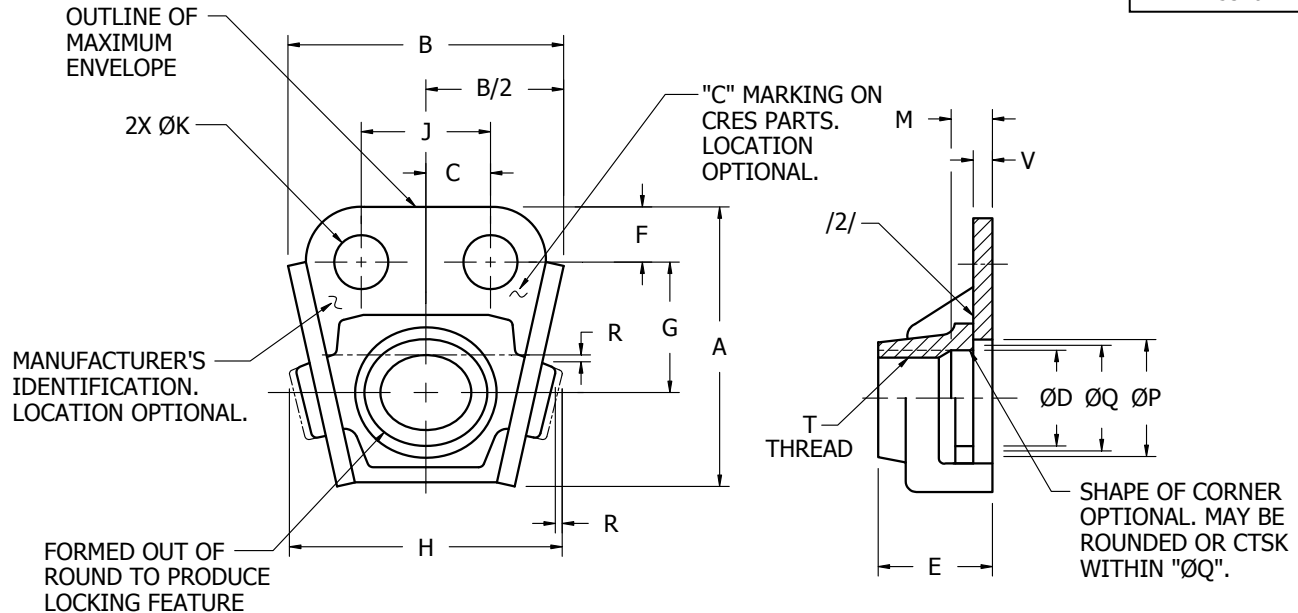


TABLE I – DIMENSIONS

DASH NUMBER				T THREAD /1/	A MAX	B MAX	C ±0,03	ØD CBORE MIN	E MAX	F MIN	G ± 0,1	H MAX	J ±0,06	ØK +0,2 -0	M CBORE MIN	ØP MAX	ØQ MAX	R MIN /6/	V MAX
NA0087 STEEL		NA0088 CRES																	
CAD + MoS ₂ 235 °C	CAD W/O MoS ₂ 235 °C	SILVER PLATE 425 °C	MoS ₂ W/O SILVER 235 °C																
040M	040	040L	040M	MJ4 x 0,7 - 4H6H	13,4	12,4	2,75	4,4	6,4	2,6	6,44	12,5	5,5	2,5	2,2	7,3	5,5	0,5	0,9
050M	050	050L	050M	MJ5 x 0,8 - 4H6H	13,4	12,4	2,75	5,1	6,9	2,6	6,44	12,5	5,5	2,5	2,4	7,3	6,5	0,5	0,9
060M	060	060L	060M	MJ6 x 1 - 4H5H	15,7	14,2	2,75	6,5	8,1	2,6	7,51	14,2	5,5	2,5	2,7	8,7	7,5	0,5	0,9

MATERIAL:

STEEL: CARBON OR ALLOY STEEL HEAT TREATED 46 HRC MAXIMUM.

CRES: A286 (UNS S66286) PER AMS5525, AMS5731, AMS5732, AMS5734 OR AMS5737. FOR AMS5525, AMS5731 AND AMS5734, AGE AFTER FORMING.

FINISH:

STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II OR TYPE III, CLASS 2.

CRES:

CODE

"M": NUT AND RETAINER, PASSIVATE PER AMS2700, METHOD 1, CLASS 4, TYPE II OR TYPE VIII.

CODE "L": NUT, SILVER PLATE FOR 425 °C USE PER AMS2410 TO A 5 µm MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A SØ20 mm BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.

RETAINER, PASSIVATE PER AMS2700, METHOD 1, CLASS 4 TYPE II OR VIII.

④ COMPLETELY REVISED

THIRD ANGLE PROJECTION	PROCUREMENT SPECIFICATION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	TITLE NUT, SELF-LOCKING, PLATE, FLOATING, SIDE BY SIDE, REDUCED RIVET SPACING, LOW HEIGHT, CBORED, 900 MPa, METRIC, 235 °C, 425 °C	REVISION 4
FORM 09-01	NOTED			CLASSIFICATION PART STANDARD
				NA0087 THRU NA0088 SHEET 1 OF 3

LUBRICATION:

MOLY DISULFIDE SOLID FILM LUBRICANT (MoS₂) PER AS5272, TYPE I.

CODE:

- NA0087 – "M" SUFFIXED TO DASH NUMBER INDICATES CADMIUM PLATE STEEL WITH SOLID FILM LUBRICANT.
NO CODE INDICATES CADMIUM PLATE STEEL WITHOUT SOLID FILM LUBRICANT.
- NA0088 – "M" SUFFIXED TO DASH NUMBER INDICATES A286 CRES WITH SOLID FILM LUBRICANT.
"L" SUFFIXED TO DASH NUMBER INDICATES SILVER PLATE A286 CRES.

EXAMPLES OF PART NUMBER:

STEEL:

NA0087-060M = MJ6 x 1 - 4H5H THREAD, PLAIN RIVET HOLES, CADMIUM PLATED WITH SOLID FILM LUBRICANT.

NA0087-060 = MJ6 x 1 - 4H5H THREAD, PLAIN RIVET HOLES, CADMIUM PLATED.

CRES:

NA0088-060L = MJ6 x 1 - 4H5H THREAD, PLAIN RIVET HOLES, SILVER PLATED.

NA0088-060M = MJ6 x 1 - 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) FOR CRES MATERIAL, MAGNETIC PERMEABILITY SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH H = 16 kA/m USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/A342M, TEST METHOD 3.
- (4) DIMENSIONS ARE IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (5) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /6/ INDICATES MINIMUM RADIAL FLOAT.
- (7) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (8) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (9) 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.

REVISION

4

NA0087

THRU NA0088

SHEET 2

④ COMPLETELY REVISED