

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

FED. SUPPLY CLASS

5310

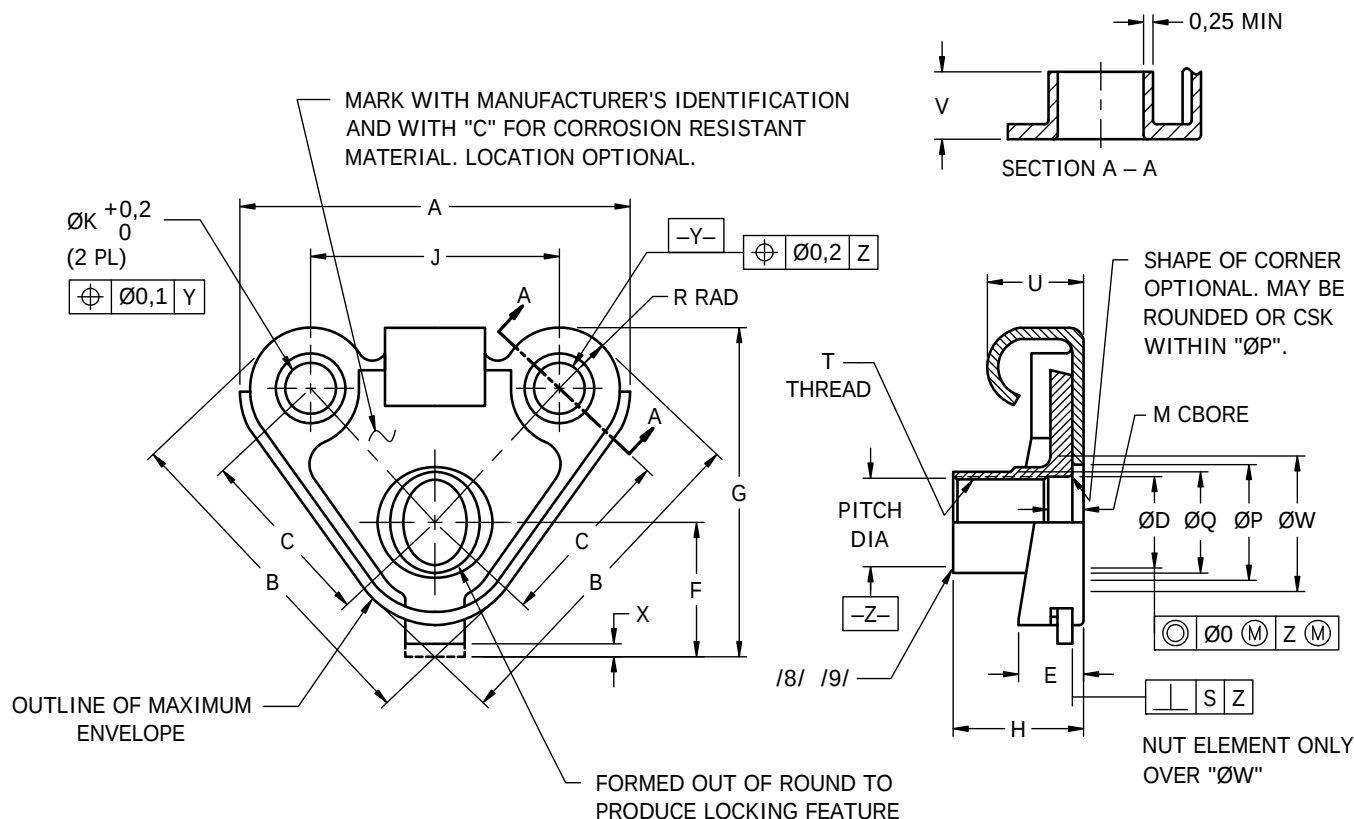


TABLE I – DIMENSIONS

DASH NUMBER				T THREAD /8/	A MAX	B MAX	C ±0,1	ØD MIN	E MAX	F MAX	G MAX	H 0 -0,8	J ±0,05
STEEL		CRES											
CADMIUM + MoS ₂ 235 °C	CADMIUM 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	19,9	17,5	8,5	4,4	3,8	7,9	17,1	5,8	12,02
050M	050	050L	050M	MJ5 x 0,8 - 4H6H	21,3	19,5	9,5	5,5	3,8	8,7	18,7	6,9	13,44
060M	060	060L	060M	MJ6 x 1 - 4H5H	24,6	22,0	11,0	6,5	5,2	9,4	20,9	8,1	15,56
080M	080	080L	080M	MJ8 x 1 - 4H5H	24,6	24,5	11,0	8,5	5,6	11,3	23,0	9,9	15,56

DASH NUMBER				ØK	M MIN	ØP MAX	ØQ MIN	R MIN	S MAX	U MAX	V ±0,2	ØW MIN	X MIN
STEEL		CRES											
CADMIUM + MoS ₂ 235 °C	CADMIUM W/O MoS ₂ 235 °C	SILVER PLATE 425 °C	MoS ₂ W/O SILVER 235 °C										
040M	040	040L	040M	2,5	2,2	6,2	5,5	3,0	0,15	4,5	1,95	8,0	0,5
050M	050	050L	050M	2,5	2,4	7,3	6,5	3,0	0,15	4,5	1,95	9,0	0,7
060M	060	060L	060M	2,5	2,7	8,7	7,5	3,5	0,15	5,1	2,62	10,0	0,7
080M	080	080L	080M	3,0	2,7	10,9	9,5	3,5	0,18	5,1	2,62	13,0	0,75

(2) COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, FLOATING, PLATE, CORNER, LOW HEIGHT, CBORED, 1100 MPa, METRIC, 235 °C, 425 °C	CLASSIFICATION PART STANDARD NA0093 THRU NA0099 SHEET 1 OF 3	2

REVISION DATE: APRIL 29, 2011

ISSUE DATE: FEBRUARY 1980

MATERIAL:

STEEL – CARBON OR ALLOY STEEL, HEAT TREATED.
CRES – A286 PER AMS5525.

HEAT TREAT:

DEVELOP BASIC MATERIAL PROPERTIES AS FOLLOWS, WITH CONTROLS PER AMS-H-6875 OR AMS2759:
ALLOY STEEL: 160-180 KSI Ft_u
CRES: 160-190 KSI Ft_u

FINISH:

STEEL – CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, 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 20 mm DIA. BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED. BASKET PASSIVATED PER AMS2700, METHOD 1, CLASS 4.

LUBRICANT:

MOLY DISULFIDE DRY FILM LUBRICANT IN ACCORDANCE WITH MIL-L-46010 AS5272 WHEN DESIGNATED BY CODE LETTER "M".

CODE:

DASH NUMBER SUFFIXED BY "M" SPECIFIES DRY FILM LUBRICANT.
DASH NUMBER SUFFIXED BY "L" SPECIFIES SILVER PLATE.

EXAMPLES OF PART NUMBER:

STEEL

NA0093-060M = MJ6 x 1-4H5H THREAD, CADMIUM PLATED WITH DRY FILM LUBRICANT.
NA0093-060 = MJ6 x 1-4H5H THREAD, CADMIUM PLATED AND WITHOUT DRY FILM LUBRICANT.

CRES

NA0094-060L = MJ6 x 1-4H5H THREAD, SILVER PLATED.
NA0094-060M = MJ6 x 1-4H5H THREAD, DRY FILM LUBRICATED.

NOTES:

- (1) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (2) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (3) 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 A 342/A 342M, TEST METHOD 3.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

REVISION
2
NA0093 THRU NA0094
SHEET 2

② COMPLETELY REVISED



Documents

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