

FED. SUPPLY CLASS

5310

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.

REVISION DATE: MARCH 30, 2012

ISSUE DATE: FEBRUARY 1980

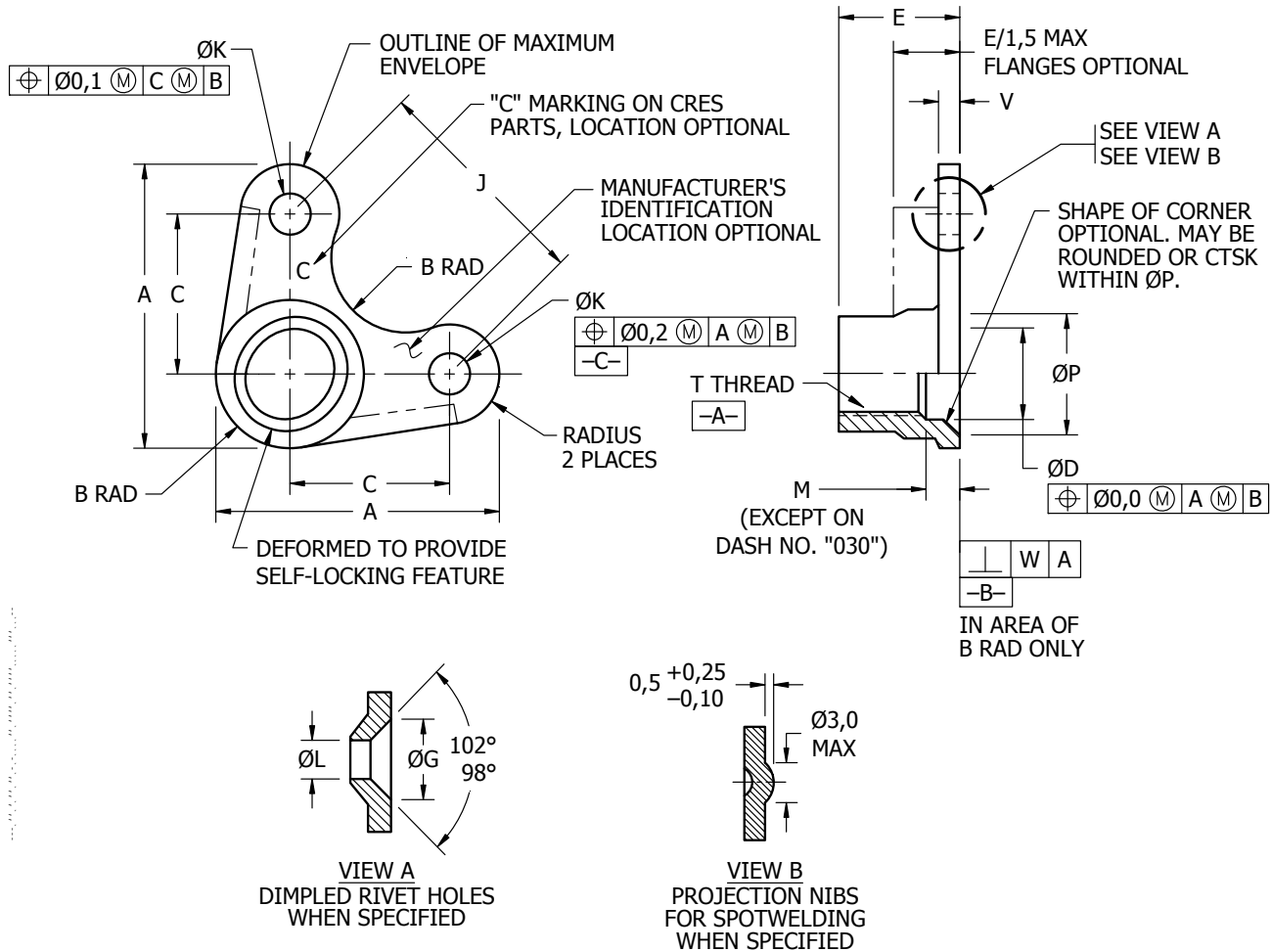


TABLE I - DIMENSIONS /6/

DASH NUMBER	T THREAD /4/	A MAX	B RAD 0 -0,70	C ±0,1	ØD CBORE MIN	E MAX /3/	ØG ±0,25	J ±0,05	ØK +0,2 0	ØL +0,4 0	ØP MAX	M CBORE MIN	V MAX	W TOL MAX
030	MJ3 X 0,5 - 4H6H	11,7	3,0	6,0	-	3,2	5,0	8,48	2,5	2,5	4,6	-	0,7	0,13
040	MJ4 X 0,7 - 4H6H	15,7	4,0	8,5	4,4	5,8	5,0	12,02	2,5	2,5	6,2	2,0	1,0	0,15
050	MJ5 X 0,8 - 4H6H	17,2	4,5	9,5	5,5	6,9	5,0	13,44	2,5	2,5	7,3	2,0	1,0	0,15
060	MJ6 X 1 - 4H5H	19,7	5,0	11,0	6,5	8,1	5,0	15,56	2,5	2,5	8,7	2,0	1,3	0,15
080	MJ8 X 1 - 4H5H	21,2	6,5	11,0	8,5	9,9	7,0	15,56	3,0	3,0	10,9	2,0	1,7	0,18
100	MJ10 X 1,25 - 4H5H	25,8	8,1	13,0	10,5	12,0	7,0	18,38	3,5	3,5	12,9	2,0	1,7	0,20

③ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 3
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, PLATE, CORNER, CRES, LOW HEIGHT, CBORE, 900 MPa, METRIC, 235 °C AND 425 °C	CLASSIFICATION PART STANDARD

MATERIAL:

A286 (UNS S66286) PER AMS5525, AMS5732, OR AMS5737.

FINISH:

FOR 425 °C, SILVER PLATE ON THREAD AREA PER AMS2410. THREADS SHALL SHOW COMPLETE COVERAGE. SILVER PLATING ON ALL OTHER SURFACES IS OPTIONAL. WHEN CODE "W" IS SPECIFIED, NO SILVER PLATE ON WELD NIBS.
PASSIVATE PER AMS2700, METHOD 1, CLASS 4, TYPE 2 OR 8.

LUBRICATION:

SOLID FILM LUBRICANT IN ACCORDANCE WITH AS5272, TYPE I OR II. NICKEL AND/OR COPPER STRIKE AS A PRETREATMENT FOR APPLICATION OF SOLID FILM LUBRICANT IS OPTIONAL. WHEN CODE "W" IS SPECIFIED, NO LUBRICANT IN AREA OF WELD NIBS.

CODE:

DASH NUMBER PREFIXED BY "—" SPECIFIES PLAIN RIVET HOLES.
DASH NUMBER PREFIXED BY "K" SPECIFIES DIMPLED RIVET HOLES.
DASH NUMBER PREFIXED BY "W" SPECIFIES PROJECTION WELD NIBS.
DASH NUMBER SUFFIXED BY "M" SPECIFIES DRY FILM LUBRICANT.
DASH NUMBER SUFFIXED BY "L" SPECIFIES SILVER PLATE.

EXAMPLES OF PART NUMBER:

NA0096-060L = MJ6 X 1 - 4H5H THREAD, PLAIN RIVET HOLES, SILVER PLATED, 425 °C.
NA0096K060L = MJ6 X 1 - 4H5H THREAD, DIMPLED RIVET HOLES, SILVER PLATED, 425 °C.
NA0096W060L = MJ6 X 1 - 4H5H THREAD, WELD NIBS, SILVER PLATED, 425 °C.
NA0096-060M = MJ6 X 1 - 4H5H THREAD, PLAIN RIVET HOLES, PASSIVATED, SOLID FILM LUBRICATED, 235 °C.
NA0096K060M = MJ6 X 1 - 4H5H THREAD, DIMPLED RIVET HOLES, PASSIVATED, SOLID FILM LUBRICATED, 235 °C.
NA0096W060M = MJ6 X 1 - 4H5H THREAD, WELD NIBS, PASSIVATED, SOLID FILM LUBRICATED, 235 °C.

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/ MINIMUM "E" LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATION.
- /4/ THREADS SHALL BE MJ FORM IN ACCORDANCE WITH FED-STD-H28/21. FOR ACCEPTABILITY SEE PROCUREMENT SPECIFICATION.
- (5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- /6/ THESE GRAPHIC DEPICTIONS ARE ENVELOPES. PARTS MAY VARY IN FORM AND SHAPE, BUT SHALL MEET DIMENSIONAL REQUIREMENTS.

REVISION

3

③ COMPLETELY REVISED



Documents
SHEET 2

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