

FED. SUPPLY CLASS

5310

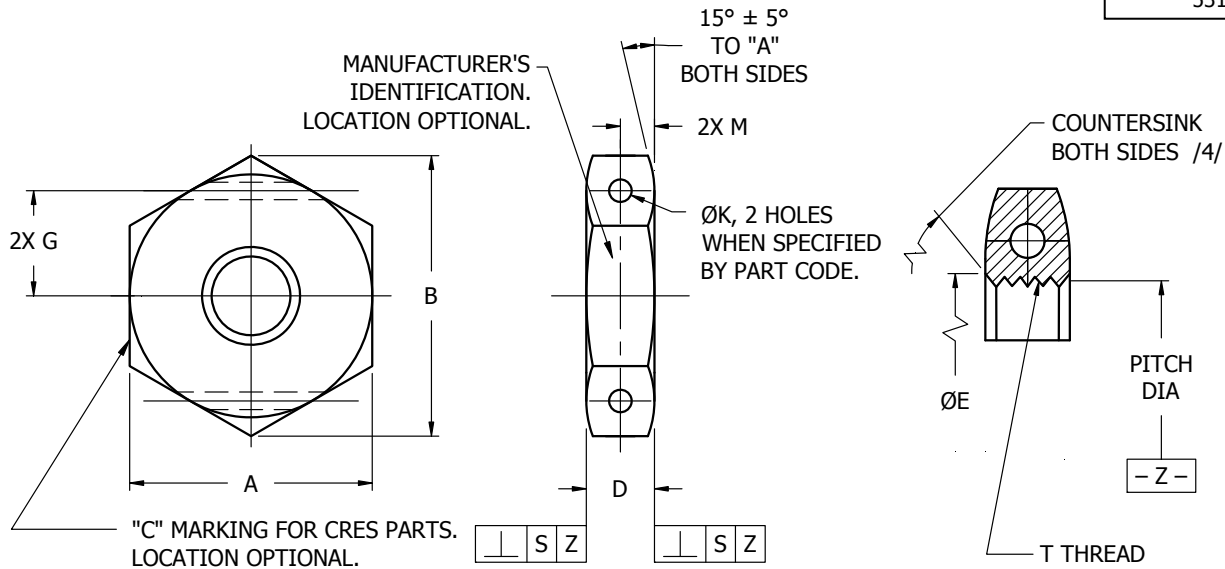


TABLE I – DIMENSIONS

DASH NO.				T THREAD	A		B	D			LOCKWIRE HOLE DATA						S MAX	ØE /4/
STEEL CADMIUM PLATED	CRES	BRASS OXIDE PLATED	BRASS SILVER PLATED		MAX	MIN	MIN	MAX	MIN	M		G		ØK				
										MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
016D	016P	016B	016L	MJ1,6 x 0,35	3,2	3,08	3,3	1,0	0,7	—	—	—	—	—	—	0,10	2,2	
020D	020P	020B	020L	MJ2 x 0,4	4,0	3,88	4,2	1,2	0,9	—	—	—	—	—	—	0,10	2,6	
030D	030P	030B	030L	MJ3 x 0,5	6,0	5,88	6,5	1,8	1,5	—	—	—	—	—	—	0,10	3,6	
040D	040P	040B	040L	MJ4 x 0,7	7,0	6,85	7,6	2,2	1,9	—	—	—	—	—	—	0,10	4,6	
050D	050P	050B	050L	MJ5 x 0,8	8,0	7,85	8,7	2,7	2,4	1,20	1,00	3,7	3,3	1,14	1,0	0,10	5,6	
060D	060P	060B	060L	MJ6 x 1	10,0	9,78	10,9	3,2	2,9	1,45	1,25	4,6	4,2	1,54	1,4	0,10	6,8	
070D	070P	070B	070L	MJ7 x 1	11,0	10,73	12,0	3,6	3,3	1,65	1,45	5,1	4,7	1,54	1,4	0,10	7,8	
080D	080P	080B	080L	MJ8 x 1	13,0	12,73	14,3	4,0	3,7	1,85	1,65	5,9	5,5	1,54	1,4	0,10	8,8	
100D	100P	100B	100L	MJ10 x 1,25	17,0	16,73	18,9	5,0	4,7	2,35	2,15	7,6	7,2	1,74	1,6	0,13	10,8	
120D	120P	120B	120L	MJ12 x 1,25	19,0	18,67	21,1	6,0	5,7	2,85	2,65	8,6	8,2	1,74	1,6	0,13	12,8	
140D	140P	140B	140L	MJ14 x 1,5	22,0	21,67	24,5	7,0	6,7	3,35	3,15	10,0	9,6	1,74	1,6	0,15	14,8	
160D	160P	160B	160L	MJ16 x 1,5	24,0	23,67	26,8	8,0	7,7	3,85	3,65	11,1	10,7	1,74	1,6	0,18	16,8	
180D	180P	180B	180L	MJ18 x 1,5	27,0	26,67	30,2	9,0	8,7	4,35	4,15	12,4	12,0	1,74	1,6	0,18	18,8	
200D	200P	200B	200L	MJ20 x 1,5	30,0	29,67	33,6	10,0	9,7	4,85	4,65	13,8	13,4	1,74	1,6	0,18	20,8	
220D	220P	220B	220L	MJ22 x 1,5	32,0	31,61	35,8	11,0	10,7	5,35	5,15	14,8	14,4	1,74	1,6	0,18	22,8	
240D	240P	240B	240L	MJ24 x 2	36,0	35,61	40,4	12,0	11,7	5,85	5,65	16,5	16,1	1,74	1,6	0,18	24,8	
270D	270P	270B	270L	MJ27 x 2	41,0	40,61	46,1	13,5	13,2	6,60	6,40	18,6	18,2	1,74	1,6	0,18	27,8	

MATERIAL:

STEEL – CARBON OR ALLOY STEEL, 400 MPa MINIMUM ULTIMATE TENSILE.

CRES – 300 SERIES PER AMS-QQ-S-763.

BRASS – COPPER ALLOY NO 360 (UNS C36000) PER QQ-B-626 ASTM B16/B16M, HALF HARD.

② COMPLETELY REVISED

THIRD ANGLE PROJECTION		CUSTODIAN	REVISION
		NATIONAL AEROSPACE STANDARDS COMMITTEE	2
PROCUREMENT SPECIFICATION	TITLE	CLASSIFICATION PART STANDARD	NA0064 THRU NA0066 SHEET 1 OF 2
NONE	NUT, THIN, WITH OPTIONAL LOCKWIRE HOLE, METRIC		

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Full document details: AIA NA0064-0066 2012

FINISH:

STEEL – CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2.
CRES – PASSIVATE PER AMS2700, METHOD 1, CLASS 4.
BRASS – BLACK OXIDE PLATE PER MIL-F-495 OR SILVER PLATE PER ASTM B700, TYPE 1.

CODE:

DASH NUMBER PREFIXED BY "H" SPECIFIES LOCKWIRE HOLES.

EXAMPLES OF PART NUMBERS:

STEEL – NA0064 (BASIC PART NUMBER)
NA0064-080D = MJ8 x 1 - 4H5H NUT, CADMIUM PLATED
NA0064H080D = MJ8 x 1 - 4H5H NUT, CADMIUM PLATED WITH LOCKWIRE HOLES
CRES – NA0065 (BASIC PART NUMBER)
NA0065-080P = MJ8 x 1 - 4H5H NUT, PASSIVATED
NA0065H080P = MJ8 x 1 - 4H5H NUT, PASSIVATED WITH LOCKWIRE HOLES
BRASS – NA0066 (BASIC PART NUMBER)
NA0066-080B = MJ8 x 1 - 4H5H NUT, BLACK OXIDE PLATED
NA0066H080B = MJ8 x 1 - 4H5H NUT, BLACK OXIDE PLATED WITH LOCKWIRE HOLES
NA0066-080L = MJ8 x 1 - 4H5H NUT, SILVER PLATED
NA0066H080L = MJ8 x 1 - 4H5H NUT, SILVER PLATED WITH LOCKWIRE HOLES

NOTES:

- (1) DIMENSIONS ARE IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (2) THREADS IN ACCORDANCE WITH FED-STD-H28/21, SYSTEM 22.
- (3) SURFACE ROUGHNESS: THREADS AND NUT FACES: 3,2 µm Ra; ALL OTHER SURFACES: 6,3 µm Ra PER ASME B46.1.
- /4/ COUNTERSINK THREAD WITHIN LIMITS OF "ØE" AND 110 TO 120 DEGREES.
- (5) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (6) ALL PARTS MUST MEET QUALIFICATION AND INSPECTION REQUIREMENTS. MANUFACTURERS SHALL PROVIDE EVIDENCE OF QUALIFICATION WHEN REQUIRED. TESTING SHALL BE PERFORMED BY THE MANUFACTURER OR AN INDEPENDENT LABORATORY. PROCURING AGENCY MAY CONDUCT CONFIRMING QUALIFICATION TESTS. NO QPL SHALL BE ESTABLISHED.
- (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.

② COMPLETELY REVISED

REVISION
2
NA0064 THRU NA0066 SHEET 2



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