

FED. SUPPLY CLASS

5310

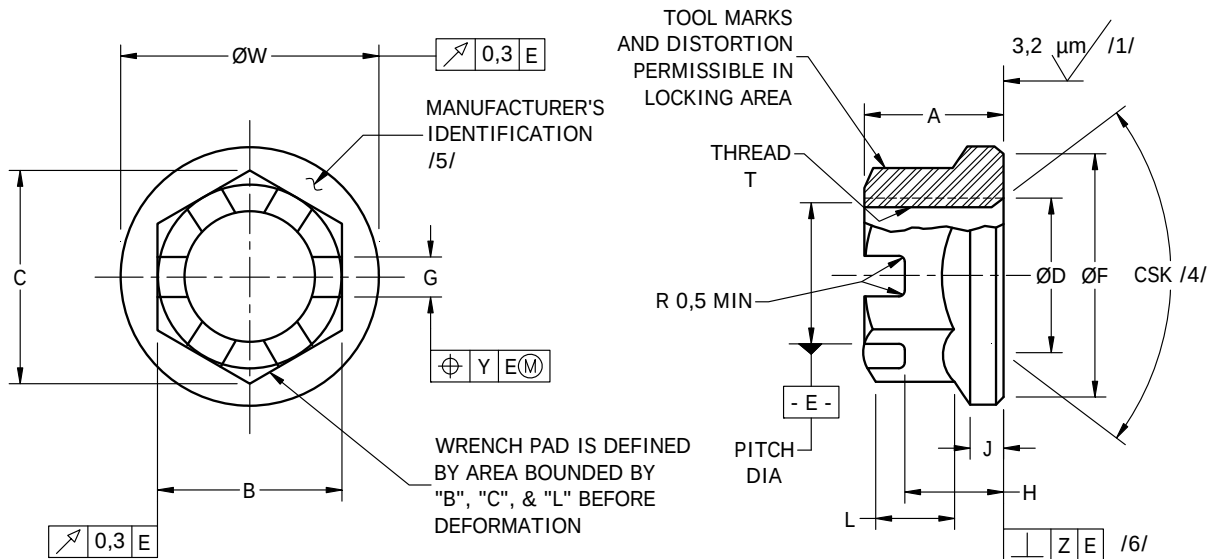


TABLE I – DIMENSIONS

DASH NO.	THREAD T	A ±0,25	B		C MIN	ØD MAX	ØF MIN	G		H		J MIN	L MIN	ØW MAX	Y MAX	Z MAX
			MAX	MIN				MIN	MAX	MIN	MAX					
040	MJ4 X 0,7 - 4H6H	4,1	5,0	4,8	5,3	4,6	6,7	1,30	1,55	1,85	2,10	0,6	2,1	7,4	0,20	0,10
050	MJ5 X 0,8 - 4H6H	4,8	6,0	5,8	6,5	5,6	8,3	1,70	1,95	2,15	2,40	0,6	2,7	9,1	0,20	0,10
060	MJ6 X 1 - 4H5H	5,4	7,0	6,8	7,6	6,8	9,8	1,70	1,95	2,75	3,00	0,9	2,9	10,6	0,20	0,10
080	MJ8 X 1 - 4H5H	6,0	10,0	9,8	10,9	8,8	12,8	2,10	2,35	2,90	3,20	1,1	2,9	13,6	0,20	0,10
100	MJ10 X 1,25 - 4H5H	7,6	12,0	11,7	13,2	10,8	15,8	2,60	2,85	3,70	4,00	1,3	3,9	16,8	0,25	0,13
120	MJ12 X 1,25 - 4H5H	8,4	14,0	13,7	15,5	12,8	18,8	2,60	2,85	4,50	4,80	2,0	3,7	19,9	0,25	0,13
140	MJ14 X 1,5 - 4H5H	10,0	16,0	15,7	17,7	14,8	21,9	3,20	3,50	5,30	5,60	2,0	4,8	23,0	0,25	0,15
160	MJ16 X 1,5 - 4H5H	10,8	19,0	18,7	21,1	16,8	24,9	3,20	3,50	6,04	6,40	2,0	5,3	26,0	0,30	0,18
180	MJ18 X 1,5 - 4H5H	12,4	22,0	21,7	24,5	18,8	28,0	4,00	4,30	6,84	7,20	2,0	6,4	29,1	0,30	0,18
200	MJ20 X 1,5 - 4H5H	13,2	24,0	23,7	26,8	20,8	31,2	4,00	4,30	7,64	8,00	2,3	6,5	32,3	0,30	0,18
220	MJ22 X 1,5 - 4H5H	14,0	27,0	26,7	30,2	22,8	34,2	4,00	4,30	8,44	8,80	2,3	6,9	35,4	0,30	0,18
240	MJ24 X 2 - 4H5H	15,3	30,0	29,7	33,6	24,8	36,9	4,00	4,30	9,24	9,60	2,3	7,9	38,0	0,30	0,18

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: JULY 31, 2012

ISSUE DATE: JANUARY 1981

② COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NOTED	TITLE NUT, SELF-LOCKING, CASTELLATED, REDUCED HEXAGON, 600 MPa, METRIC, 235 °C	CLASSIFICATION PART STANDARD

TABLE I – DIMENSIONS (CONTINUED)

DASH NO	T THREAD	COTTER PIN DIA (REF)	AXIAL TENSILE FORCE kN MIN	CALC. MASS, MAX kg/100
040	MJ4 X 0,7 - 4H6H	1,0	–	0,066
050	MJ5 X 0,8 - 4H6H	1,4	10,4	0,072
060	MJ6 X 1 - 4H5H	1,4	14,8	0,113
080	MJ8 X 1 - 4H5H	1,8	28,0	0,23
100	MJ10 X 1,25 - 4H5H	2,3	43,8	0,42
120	MJ12 X 1,25 - 4H5H	2,3	64,9	0,67
140	MJ14 X 1,5 - 4H5H	2,9	88,0	0,94
160	MJ16 X 1,5 - 4H5H	2,9	117,0	1,45
180	MJ18 X 1,5 - 4H5H	3,7	150,0	2,17
200	MJ20 X 1,5 - 4H5H	3,7	188,0	2,73
220	MJ22 X 1,5 - 4H5H	3,7	229,0	3,63
240	MJ24 X 2 - 4H5H	3,7	267,0	4,98

MATERIAL:

ALLOY STEEL, HEAT TREATED AS REQUIRED TO MEET PERFORMANCE.

FINISH:

CADMIUM PLATE AMS-QQ-P-416, TYPE II, CLASS 2.

LUBRICATION:

DRY FILM LUBRICANT, AS5272.

EXAMPLE OF PART NUMBER:

NA0049-100 = NUT, SELF-LOCKING, CASTELLATED, REDUCED HEX, SHEAR, MJ10 X 1,25.

NOTES:

- /1/ SURFACE ROUGHNESS: BEARING AREA SURFACE: 3,2 MICROMETERS Ra; ALL OTHER SURFACES EXCEPT THREADS 6,3 MICROMETERS Ra PER ASME B46.1. SURFACE TEXTURE SYMBOLS SHALL BE IN ACCORDANCE WITH ASME Y14.36M.
- (2) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (3) REMOVE ALL BURRS AND BREAK SHARP EDGES 0,1 TO 0,4.
- /4/ THREAD ENTRY FORM OPTIONAL WITHIN "ØD" & 90°-120°.
- /5/ MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-HDBK-57 REQUIRED ON SIZES "060" AND LARGER. MARKING SMALLER SIZES OPTIONAL. LOCATION OF MARK OPTIONAL EXCEPT NOT TO BE ON BEARING FACE.

REVISION

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NA0049
SHEET 2



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