

FED. SUPPLY CLASS

5310

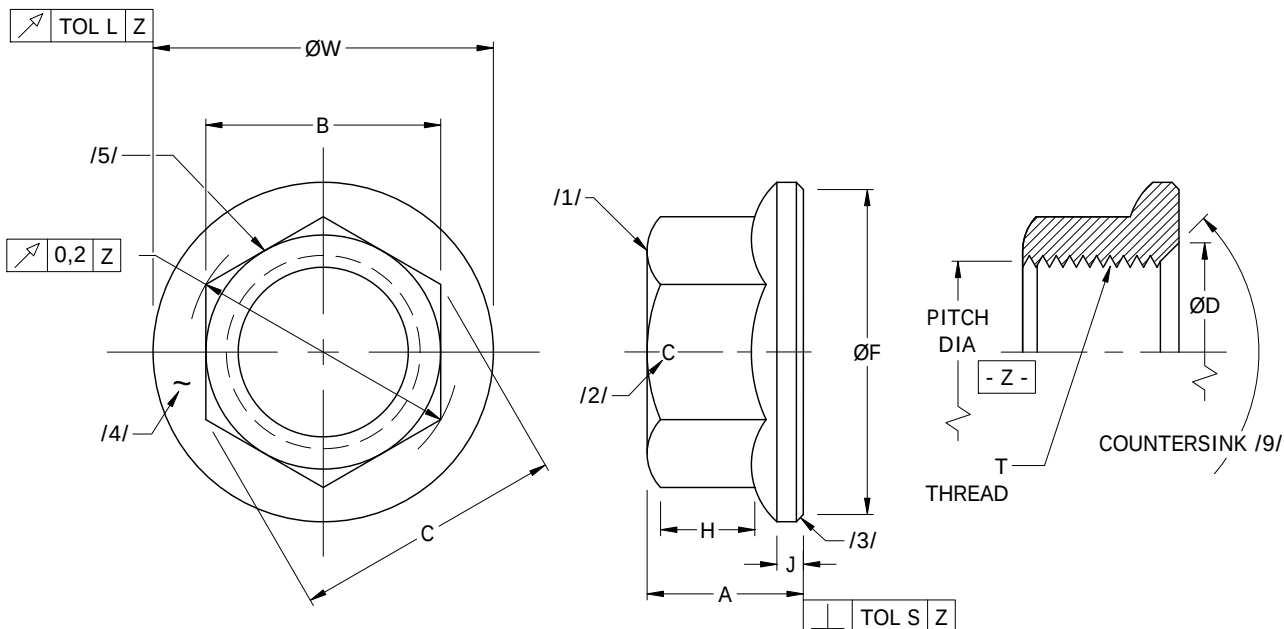
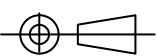


TABLE I – DASH NUMBERS, DIMENSIONS AND STRENGTH VALUES

T THREAD /8/	DASH NUMBER				A MAX /7/	B		C MIN	ØD /9/	ØF MIN	H MIN	J MIN	L	S	ØW MAX	MASS MAX Kg/100	AXIAL TENSILE FORCE kN
	STEEL		CRES														
	CAD W/ MoS ₂ 235 °C	CAD W/O MoS ₂ 235 °C	SILVER PLATE 425 °C	MoS ₂ 235 °C		MAX	MIN										
MJ3 x 0,5 - 4H6H	-030M	-030	C030	C030M	3,0	4,0	3,88	4,2	3,6	5,3	1,2	0,4	0,2	0,10	6,0	0,032	6,18
MJ4 x 0,7 - 4H6H	-040M	-040	C040	C040M	4,0	5,0	4,88	5,4	4,6	6,7	1,5	0,5	0,2	0,10	7,4	0,056	10,9
MJ5 x 0,8 - 4H6H	-050M	-050	C050	C040M	5,0	6,0	5,88	6,5	5,6	8,3	2,0	0,6	0,2	0,10	9,1	0,092	17,3
MJ6 x 1 - 4H5H	-060M	-060	C060	C060M	5,4	7,0	6,88	7,6	6,8	9,8	2,3	0,7	0,2	0,10	10,6	0,132	24,7
MJ8 x 1 - 4H5H	-080M	-080	C080	C080M	7,2	10,0	9,78	10,9	8,8	12,8	3,2	0,9	0,2	0,10	13,6	0,362	46,7
MJ10 x 1,25 - 4H5H	-100M	-100	C100	C100M	9,0	12,0	11,73	13,2	10,8	15,8	3,8	1,1	0,3	0,13	16,8	0,546	72,9
MJ12 x 1,25 - 4H5H	-120M	-120	C120	C120M	10,8	14,0	13,73	15,5	12,8	18,8	4,5	1,4	0,3	0,13	19,9	1,150	108
MJ14 x 1,5 - 4H5H	-140M	-140	C140	C140M	12,6	16,0	15,73	17,8	14,8	21,9	5,0	1,7	0,3	0,15	23,0	1,360	147
MJ16 x 1,5 - 4H5H	-160M	-160	C160	C160M	14,4	19,0	18,67	20,0	16,8	24,9	6,5	1,9	0,4	0,18	26,0	1,650	195

④ COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

4

PROCUREMENT
SPECIFICATION

NOTED

TITLE

**NUT, SELF-LOCKING, HEXAGON, EXTENDED WASHER
1100 MPa, METRIC, 235 °C AND 425 °C**

CLASSIFICATION
PART STANDARD

NA0033-0034 2014
SHEET 1 OF 3

MATERIAL:

STEEL - CARBON OR ALLOY STEEL HEAT TREATED.
CRES - A286 (UNS S66286) PER AMS5525, AMS5732, OR AMS5737.

FINISH:

STEEL - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. FOR DRY FILM LUBRICATED NUTS THE TYPE AND CLASS OF PLATING IS OPTIONAL IF NUTS WILL MEET THE SALT SPRAY REQUIREMENTS OF AMS-QQ-P-416, TYPE II.

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.

LUBRICANT:

DRY FILM LUBRICANT IN ACCORDANCE WITH AS5272 IS DESIGNATED BY CODE LETTER "M".

EXAMPLES OF PART NUMBERS:

NA0033-060M = MJ6x1,00 - 4H5H NUT, ALL METAL CONSTRUCTION OF STEEL, CADMIUM PLATED WITH DRY FILM LUBRICANT FOR 235 °C USE.
NA0033-060 = MJ6x1,00 - 4H5H NUT, ALL METAL CONSTRUCTION, CADMIUM PLATED, WITHOUT DRY FILM COATING OR ANY OTHER LUBRICANT FOR 235 °C USE.
NA0034C060M = MJ6x1,00 - 4H5H NUT, ALL METAL CONSTRUCTION OF A286, WITH DRY FILM LUBRICANT FOR 235 °C USE.
NA0034C060 = MJ6x1,00 - 4H5H NUT, ALL METAL CONSTRUCTION OF A286, SILVER PLATED FOR 425 °C USE.

NOTES:

- /1/ TOOL MARKS AND DISTORTION PERMISSIBLE IN LOCKING AREA.
- /2/ MARK CRES PARTS, SIZE -060 AND UP, WITH A "C", LOCATION OPTIONAL.
- /3/ 45° CHAMFER OR RADIUS TO "ØF" OPTIONAL.
- /4/ MANUFACTURER'S IDENTIFICATION AND LOCATION OPTIONAL EXCEPT MUST NOT BE LOCATED ON BEARING FACE.
- /5/ DESIGN OF WRENCH PAD FACES OPTIONAL PROVIDED AREA BETWEEN HEX POINTS IS WITHIN LIMITS OF DIMENSIONS "B", "C", AND "H" BEFORE DEFORMATION.
- (6) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- /7/ MINIMUM "A" LIMITED ONLY BY THE STRENGTH REQUIREMENTS OF THE SPECIFICATION.
- /8/ THREADS SHALL BE MJ FORM IN ACCORDANCE WITH FED-STD-H28/21. FOR ACCEPTABILITY SEE PROCUREMENT SPECIFICATION.
- /9/ COUNTERSINK, COUNTERSINK-COUNTERBORE OR RADIUS RELIEF TO THREAD WITHIN LIMITS OF "ØD" AND 90° TO 120°.

REVISION

4

④ COMPLETELY REVISED

NA0033-0034
SHEET 2



Documents
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