

FED. SUPPLY CLASS

5310

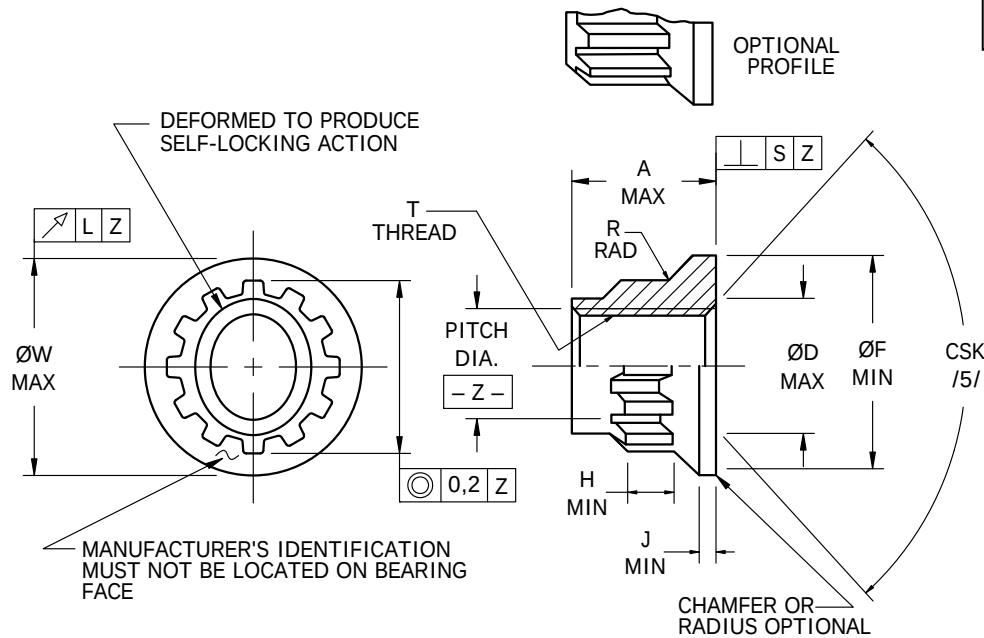


TABLE I - DIMENSIONS

DASH NUMBER				T THREAD /4/	SPLINE NUMBER /6/	A MAX /3/	ØD MAX /5/	ØF MIN	H MIN	J MIN	L MAX	R RAD MIN	S MAX	ØW MAX	MASS MAX kg/100	AXIAL TENSILE FORCE kN
CAD + MOS ₂ 235 °C	CAD W/O MoS ₂ 235 °C	SILVER PLATE 425 °C	MoS ₂ 235 °C													
050M	050	050	050M	MJ5 x 0,80 - 4H6H	7	7,0	5,6	8,1	2,0	1,2	0,2	0,5	0,10	9,1		19,7
060M	060	060	060M	MJ6 x 1 - 4H5H	8	8,1	6,8	9,5	2,3	1,2	0,2	0,6	0,10	10,5		28,1
080M	080	080	080M	MJ8 x 1 - 4H5H	10	10,4	8,8	12,7	2,8	1,2	0,2	0,8	0,10	13,7		53,0
100M	100	100	100M	MJ10 x 1,25 - 4H5H	12	13,0	10,8	15,8	3,1	1,2	0,3	1,0	0,10	16,8		82,9
120M	120	120	120M	MJ12 x 1,25 - 4H5H	15	15,0	12,8	19,0	3,5	1,4	0,3	1,2	0,13	20,0		123,0
140M	140	140	140M	MJ14 x 1,50 - 4H5H	17	17,5	14,8	22,1	4,0	1,7	0,3	1,4	0,13	23,1		167,0
160M	160	160	160M	MJ16 x 1,50 - 4H5H	19	20,0	16,8	25,3	4,7	1,9	0,3	1,6	0,15	26,3		222,0
180M	180	180	180M	MJ18 x 1,50 - 4H5H	22	22,5	18,8	28,5	5,6	2,1	0,4	1,8	0,18	29,5		285,0
200M	200	200	200M	MJ20 x 1,50 - 4H5H	24	25,0	20,8	31,7	6,8	2,3	0,4	2,0	0,18	32,7		355,0
220M	220	220	220M	MJ22 x 1,50 - 4H5H	27	27,5	22,8	34,9	8,3	2,5	0,4	2,2	0,20	35,9		434,0
240M	240	240	240M	MJ24 x 2 - 4H5H	30	30,0	24,8	37,8	10,1	2,7	0,4	2,4	0,20	38,8		506,0

③ COMPLETELY REVISED

THIRD
ANGLE
PROJECTION

CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

3

PROCUREMENT
SPECIFICATION

NOTED

TITLE
**NUT, SELF-LOCKING, SPLINE DRIVE,
1250 MPa, 235 °C, 425 °C,
METRIC**

③

CLASSIFICATION
PART STANDARD

NA0029
THRU NA0030
SHEET 1 OF 3



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MATERIAL:

STEEL – AMS6304 OR AMS6322, 43 HRC MAX. /8/
CRES – A286 (UNS S66286) PER 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 – FOR 425 °C USE, SILVERPLATE PER AMS2411 TO A 5 µm MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A SØ20 mm BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.

LUBRICANT:

MOLYBDENUM DISULFIDE DRY FILM LUBRICANT IN ACCORDANCE WITH MIL-L-46010 AS5272 IS DESIGNATED BY CODE LETTER “M”.

EXAMPLES OF PART NUMBER:

NA0029-060M = MJ6 x 1 - 4H5H NUT, ALL METAL CONSTRUCTION OF STEEL, CADMIUM PLATED WITH AN APPROVED DRY FILM LUBRICANT FOR 235 °C USE.
NA0029-060 = MJ6 x 1 - 4H5H NUT, ALL METAL CONSTRUCTION, CADMIUM PLATED, WITHOUT DRY FILM COATING OR ANY OTHER LUBRICANT FOR 235 °C USE.
NA0030-060M = MJ6 x 1 - 4H5H NUT, ALL METAL CONSTRUCTION OF A286, WITH AN APPROVED DRY FILM LUBRICANT FOR 235 °C USE.
NA0030-060 = MJ6 x 1 - 4H5H NUT, ALL METAL CONSTRUCTION OF A286, SILVER PLATED FOR 425 °C USE.

PROCUREMENT SPECIFICATION:

STEEL NUTS – NA0009, CLASS III
CRES NUT – NA0044, CLASS II

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 “A” LIMITED ONLY BY THE STRENGTH REQUIREMENTS OF THE SPECIFICATION.
- /4/ THREADS SHALL BE MJ FORM IN ACCORDANCE WITH FED-STD-H28/21. FOR ACCEPTABILITY SEE PROCUREMENT SPECIFICATION.
- /5/ COUNTERSINK: COUNTERBORE OR RADIUS RELIEF TO THREAD WITHIN LIMITS OF “ØD” AND 90 TO 120 DEGREES.
- /6/ SPLINE DIMENSIONS, BEFORE FORMING OUT OF ROUND, PER MA1549.

REVISION
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NA0029 THRU NA0030 SHEET 2

③ COMPLETELY REVISED