

REV.
B

SAE MA3353

FEDERAL SUPPLY CLASS
5310

RATIONALE

CADMIUM PLATE NOTICE REVISED AND MOVED TO THE CORRECT PLACE AND GENERAL UPDATING OF THE STANDARD

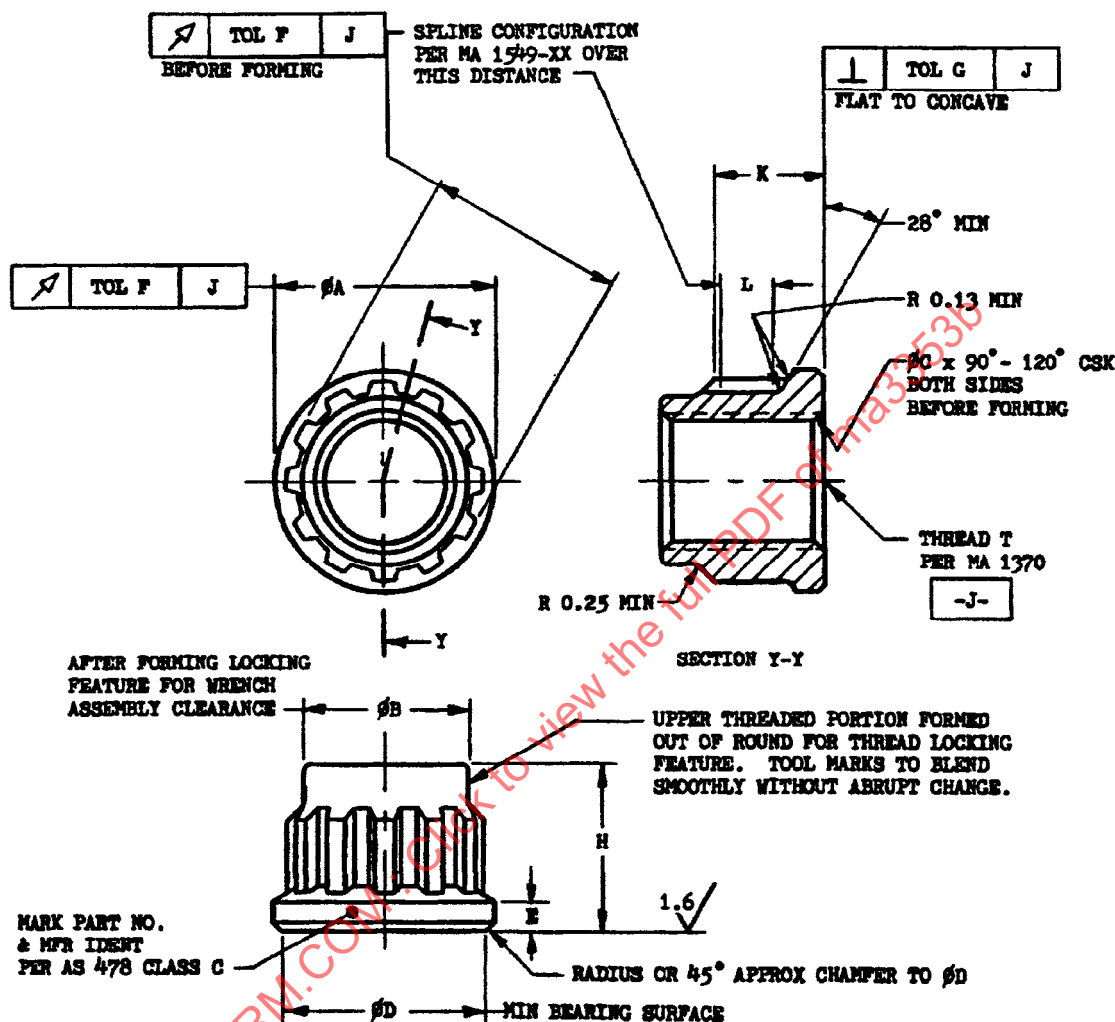
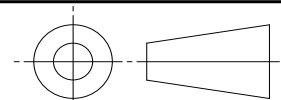


FIGURE 1 – NUT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/MA3353B>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: MA1573

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, SELF LOCKING - SPLINE DRIVE,
EXTENDED WASHER, UNS G87400, CADMIUM
PLATE, MJ THREAD, METRIC

SAE MA3353
SHEET 1 OF 3

REV.
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TABLE 1 - DIMENSIONS

PART NO.	THREAD T	XX SPLINE DASH NO.	A MAX	B MAX	C	D MIN
MA3353-05	MJ5 X 0.8-4H6H	07	9.1	7.22	5.2 - 5.8	8.3
MA3353-06	MJ6 X 1-4H5H	08	10.6	8.26	6.3 - 7.1	9.8
MA3353-07	MJ7 X 1-4H5H	09	12.1	9.31	7.3 - 8.1	11.3
MA3353-08	MJ8 X 1-4H5H	10	13.6	10.36	8.3 - 9.1	12.8
MA3353-10	MJ10 X 1.25-4H5H	12	16.7	12.44	10.3 - 11.1	15.7
MA3351-12	MJ12 X 1.25-4H5H	15	19.9	15.54	12.3 - 13.1	18.8

TABLE 1 - DIMENSIONS (CONTINUED)

PART NO.	E MIN	F	G	H h14 1/	K MAX	L MIN	APPROX MASS kg/100
MA3353-05	1.8	0.13	0.10	6.64 - 7.00	5.4	1.3	0.172
MA3353-06	1.8	0.15	0.10	7.74 - 8.10	5.7	1.4	0.243
MA3353-07	1.8	0.18	0.10	8.74 - 9.10	6.7	2.0	0.323
MA3353-08	1.8	0.20	0.10	9.97 - 10.40	7.9	2.7	0.428
MA3353-10	2.0	0.25	0.13	12.57 - 13.00	10.0	3.1	0.717
MA3353-12	2.6	0.30	0.13	14.57 - 15.00	12.0	3.5	1.362

1/ TOLERANCE GRADE TO ANSI B4.2-1978

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE

NOTES:

1. MATERIAL: STEEL, AMS6322 (UNS G87400)
2. HEAT TREATMENT: HARDEN AND TEMPER TO PRODUCE THE HARDNESS IN NOTE 3.
3. HARDNESS: 35-40 HRC OR EQUIVALENT.
4. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
5. MAGNETIC PARTICLE INSPECTION: AMS2640 AFTER PLATING. ACCEPTANCE CRITERIA PER MA1573.
6. PROCUREMENT SPECIFICATION: MA1573.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1 UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 3.2 MICROMETERS Ra.
8. BREAK EDGES 0.1 TO 0.4 UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982.[ASME PUBLICATION]
10. ALL LINEAR DIMENSIONS IN SI MILLIMETERS.
11. PRODUCT QUALIFICATION: QUALIFICATION TESTS IN ACCORDANCE WITH MA1573 SHALL BE PERFORMED BY THE MANUFACTURER PRIOR TO FIRST SHIPMENT OF PARTS.
12. DO NOT USE UNASSIGNED PART NUMBERS.

 An SAE International Group	AEROSPACE STANDARD	SAE MA3353 SHEET 2 OF 3	REV. B
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