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REV.
A

MA3424™

FEDERAL SUPPLY CLASS
5310

RATIONALE

FIGURE REDRAWN TO SHOW CORECT THREAD SPEC, TABLE RETYPED TO MAKE EASIER TO READ, EXISTING INVENTORY STATEMENT ADDED, AND NOTES GENERALLY UPDATED.

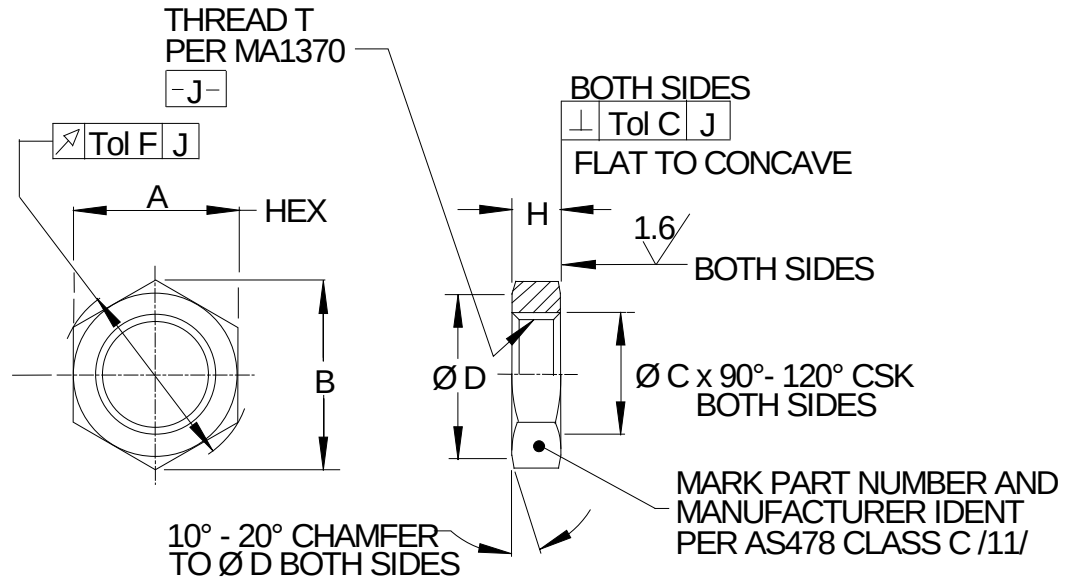


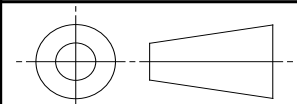
FIGURE1 - NUT

TABLE 1 - DIMENSIONS

PART NUMBER	T THREAD	A	B MIN	C	D	F	G	H	APPROX MASS Kg/100
MA3424-03	MJ3 x 0.5 - 4H6H	5.88 - 6.00	6.5	3.0 - 3.5	5.7 - 6.0	0.20	0.08	1.70 - 1.95	0.0369
MA3424-04	MJ4 x 0.7 - 4H6H	6.85 - 7.00	7.6	4.0 - 4.5	6.7 - 7.0	0.20	0.10	2.35 - 2.60	0.0636
MA3424-05	MJ5 x 0.8 - 4H6H	7.85 - 8.00	8.7	5.0 - 5.5	7.7 - 8.0	0.20	0.10	2.75 - 3.00	0.0899
MA3424-06	MJ6 x 1 - 4H5H	9.78 - 10.00	10.9	6.0 - 6.5	9.7 - 10.0	0.20	0.10	3.20 - 3.50	0.170
MA3424-07	MJ7 x 1 - 4H5H	10.73 - 11.00	12.0	7.0 - 7.5	10.7 - 11.0	0.20	0.10	3.70 - 4.00	0.222
MA3424-08	MJ8 x 1 - 4H5H	12.73 - 13.00	14.3	8.0 - 8.5	12.7 - 13.0	0.20	0.10	3.70 - 4.00	0.316
MA3424-10	MJ10 x 1.25 - 4H5H	16.73 - 17.00	18.9	10.0 - 10.5	16.7 - 17.0	0.25	0.13	4.70 - 5.00	0.706
MA3424-12	MJ12 x 1.25 - 4H5H	18.67 - 19.00	21.1	12.0 - 12.5	18.6 - 19.0	0.25	0.13	5.70 - 6.00	0.991
MA3424-14	MJ14 x 1.5 - 4H5H	21.67 - 22.00	24.5	14.0 - 14.5	21.6 - 22.0	0.25	0.15	6.64 - 7.00	1.542
MA3424-16	MJ16 x 1.5 - 4H5H	23.67 - 24.00	26.8	16.0 - 16.5	23.6 - 24.0	0.30	0.18	7.64 - 8.00	1.989
MA3424-18	MJ18 x 1.5 - 4H5H	26.67 - 27.00	30.2	18.0 - 18.5	26.6 - 27.0	0.30	0.18	8.64 - 9.00	2.817
MA3424-20	MJ20 x 1.5 - 4H5H	29.67 - 30.00	33.6	20.0 - 20.5	29.6 - 30.0	0.30	0.18	9.64 - 10.00	3.849

For more information on this standard, visit
<https://www.sae.org/standards/content/MA3424A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: MA1937



METRIC AEROSPACE STANDARD

(R) NUT, PLAIN HEX - THIN, UNS S66286,
SILVER PLATE, MJ THREAD, METRIC

MA3424™
SHEET 1 OF 2

REV.
A

Documents

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NOTES:

1. MATERIAL: CRES, AMS5731, AMS5732, AMS5734, OR AMS5737 (UNS S66286).
2. HEAT TREATMENT: AMS5731 AND AMS5734 PRECIPITATION HEAT TREAT PER MATERIAL SPEC.
3. HARDNESS: 26 - 39 HRC OR EQUIVALENT.
4. FINISH: SILVER PLATE PER AMS2411. SEE PROCUREMENT SPECIFICATION FOR THICKNESS REQUIREMENTS. DIMENSIONS ARE AFTER PLATING.
5. FLUORESCENT PENETRANT INSPECTION: ASTM E1417/E1417M BEFORE PLATING, ACCEPTANCE CRITERIA PER MA1937.
6. PROCUREMENT SPECIFICATION: MA1937, STRENGTH CLASS 516 MPa.
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. MULTIPLE MARKING OF BAR STOCK IS PERMISSIBLE PROVIDED POSITIVE IDENTIFICATION IS SHOWN. PARTS SHALL BE MARKED BEFORE THREADING. DASH NUMBERS MAY APPEAR ON ADJACENT FLATS.
12. DO NOT USE UNASSIGNED PART NUMBERS.
13. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
14. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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ANSI IS AN AMERICAN NATIONAL STANDARDS INSTITUTE PUBLICATION.

	METRIC AEROSPACE STANDARD		MA3424™ SHEET 2 OF 2	REV. A
	(R) NUT, PLAIN HEX - THIN, UNS S66286, SILVER PLATE, MJ THREAD, METRIC			



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