

REV.
B

AS3534™

FEDERAL SUPPLY CLASS
5310

RATIONALE

UPDATE FPI REFERENCE, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, FIGURE 1 RE-DRAWN WITH EDITORIAL AND FORMAT REVISIONS, TABLES 1A & 1B REFORMATTED, GENERAL EDITORIAL UPDATE.

AS3534B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

A REAFFIRMED STATUS IS GIVEN TO TECHNICAL REPORTS THAT HAVE BEEN REVIEWED BY THE TECHNICAL COMMITTEE AND DEEMED TO BE CURRENT WITH NO NEED FOR IMMEDIATE REVISION. NO CHANGES HAVE BEEN MADE TO THIS DOCUMENT AS A RESULT OF THIS REVIEW.

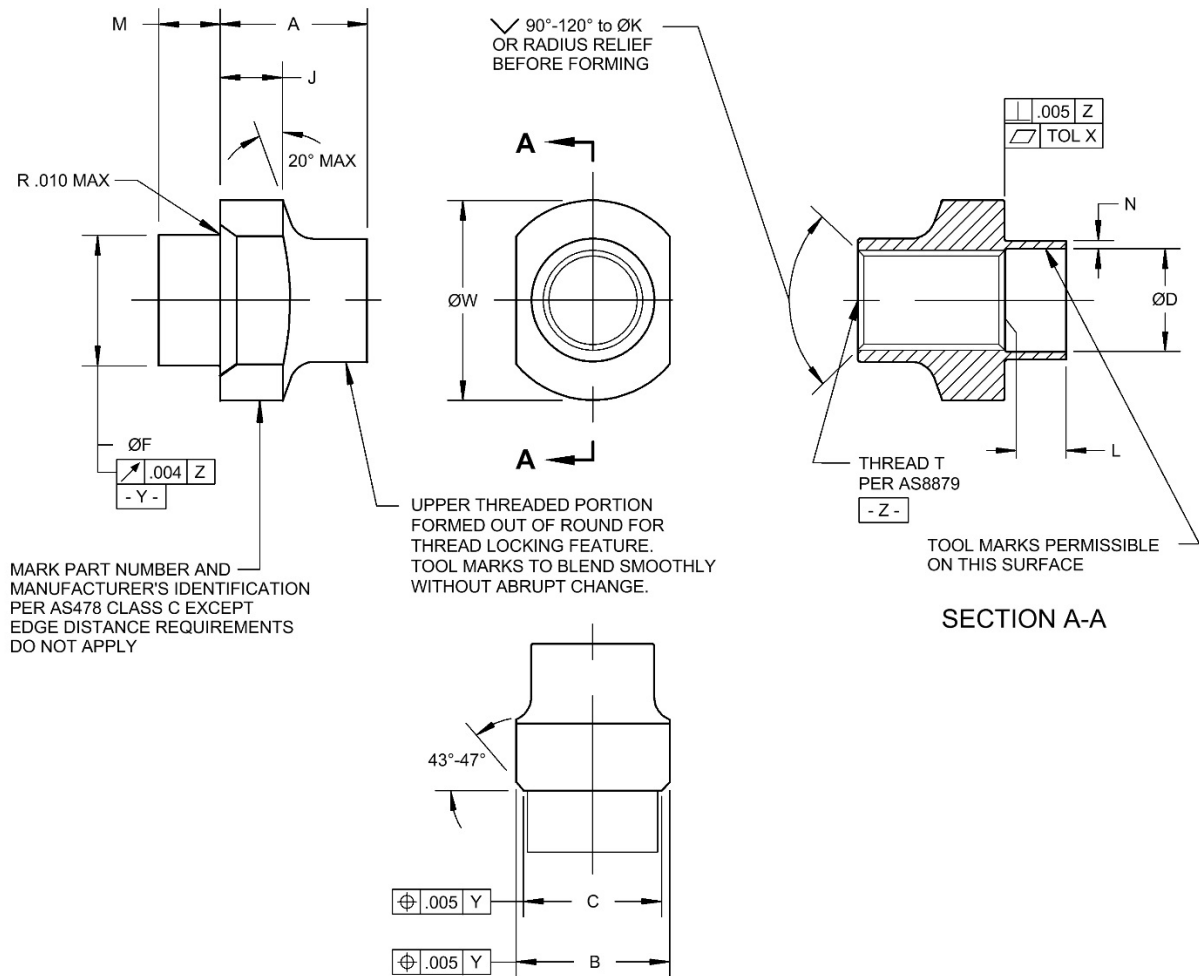
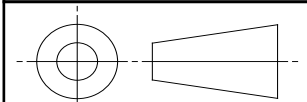


FIGURE 1 - NUT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3534B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4393



AEROSPACE STANDARD

NUT, SELF-LOCKING, SHANK, UNS S66286
SILVER PLATE ON THREAD ONLY,
UNJ THREAD

AS3534™
SHEET 1 OF 3

REV.
B

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TABLE 1 - DIMENSIONS

TABLE 1A - PART NUMBERS, THREAD T, DIMENSIONS A, B, C, ØD, ØF, AND ØW

PART NO.	THREAD T	A	B	C	ØD	ØF	ØW
AS3534-02	.1640-36UNJF-3B	.223-.238	.363-.373	.255-.263	.169-.174	.209-.213	.432-.452
AS3534-03	.1900-32UNJF-3B	.247-.262	.389-.399	.281-.289	.195-.200	.235-.239	.458-.478
AS3534-04	.2500-28UNJF-3B	.396-.411	.445-.455	.367-.375	.264-.269	.329-.333	.615-.635
AS3534-05	.3125-24UNJF-3B	.458-.473	.475-.485	.397-.405	.326-.331	.392-.396	.615-.635
AS3534-06	.3750-24UNJF-3B	.490-.505	.595-.605	.471-.479	.399-.404	.466-.470	.740-.760

TABLE 1B - PART NUMBERS, DIMENSIONS ØK, L, M, N, X, J AND APPROX MASS

PART NO.	ØK	L	M	N MIN	X TOL	J	APPROX MASS LB/100
AS3534-02	.164-.184	.053-.073	.060-.066	.015	.0014	.055-.085	.32
AS3534-03	.190-.210	.056-.076	.063-.069	.015	.0014	.090-.120	.50
AS3534-04	.250-.270	.070-.090	.077-.083	.027	.0014	.143-.173	1.38
AS3534-05	.312-.332	.098-.118	.105-.111	.027	.0016	.175-.205	1.61
AS3534-06	.375-.395	.109-.129	.116-.122	.027	.0016	.197-.227	2.74

NOTES

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL, AMS5731 OR AMS5734 (UNS S66286).
2. HEAT TREATMENT: SOLUTION AND PRECIPITATION HEAT TREATED; SEE PROCUREMENT SPECIFICATION.
3. HARDNESS: 32 TO 39 HRC.
4. ANNEALING OF SHANK (ØF) PERMISSIBLE AT 1800 °F MAXIMUM. IF ANNEALED, HARDNESS OF ADJACENT THREAD SHALL BE 32 HRC MINIMUM.
5. FINISH: SILVER PLATE THREADS ONLY PER AMS2411. SEE PROCUREMENT SPECIFICATION FOR THICKNESS REQUIREMENTS. OPTIONAL TO PLATE SHANK ID. PARTIAL COVERAGE ON THREAD COUNTERSINKS PERMISSIBLE. DIMENSIONS ARE AFTER PLATING.
6. FLUORESCENT PENETRANT INSPECTION: PER ASTM E1417/E1417M BEFORE PLATING. ACCEPTANCE CRITERIA PER AS4393.
7. PROCUREMENT SPECIFICATION: AS4393.
8. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
9. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
11. DIMENSIONS ARE IN INCHES.
12. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
13. FOR PARTICULARS OF ATTACHMENT FLANGE HOLE AND ABUTMENT SHOULDER, REFER TO AS4847. FOR INSTALLATION OR REMOVAL OF SHANK NUTS, REFER TO ARP4848.
14. DO NOT USE UNASSIGNED PART NUMBERS.

	AEROSPACE STANDARD		AS3534™ SHEET 2 OF 3	REV. B
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