

REV.
C

AS3535™

FEDERAL SUPPLY CLASS
5310

RATIONALE

FIGURE REDRAWN, USAGE NOTE ADDED, SPECS UPDATED.

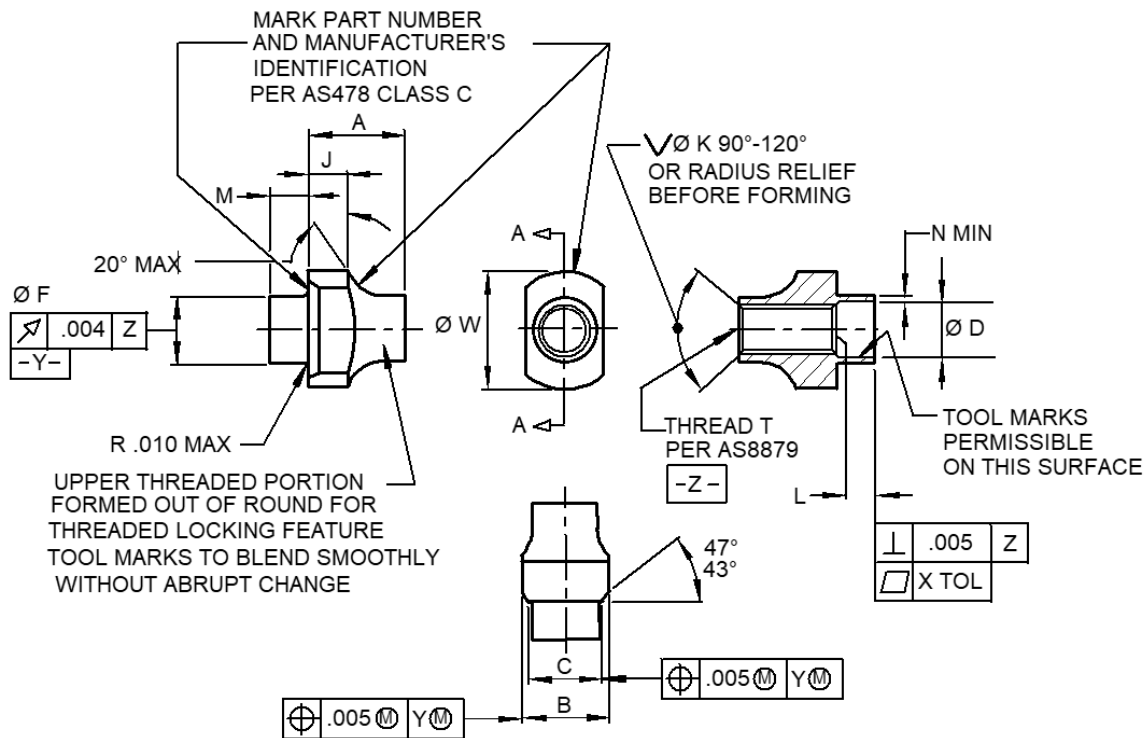
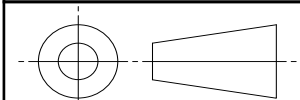


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3535C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7253



AEROSPACE STANDARD

NUT, SELF-LOCKING, SHANK, UNS N07001
SILVER PLATE, UNJ THREAD

AS3535™
SHEET 1 OF 2

REV.
C

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TABLE 1A - DIMENSIONS A-W

PART NO.	THREAD T	A +.005 -.010	B ±.005	C ±.004	ØD +.003 -.002	ØF ±.002	ØW ±.010
AS3535-02	.1640-36UNJF-3B	.233	.368	.259	.171	.211	.442
AS3535-03	.1900-32UNJF-3B	.257	.394	.285	.197	.237	.468
AS3535-04	.2500-28UNJF-3B	.406	.450	.371	.266	.331	.625
AS3535-05	.3125-24UNJF-3B	.468	.480	.401	.328	.394	.625
AS3535-06	.3750-24UNJF-3B	.500	.600	.475	.401	.468	.750

TABLE 1B - DIMENSIONS K-J

PART NO.	ØK +.020 -.000	L ±.010	M ±.003	N MIN	X TOL	J ±.015	APPROX MASS LB/100
AS3535-02	.164	.063	.063	.015	.0014	.070	.33
AS3535-03	.190	.066	.066	.015	.0014	.105	.52
AS3535-04	.250	.080	.080	.027	.0014	.158	1.43
AS3535-05	.312	.108	.108	.027	.0016	.190	1.67
AS3535-06	.375	.119	.119	.027	.0016	.212	2.84

NOTES:

- MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY, AMS5706 OR AMS5708 (BOTH SIMILAR TO UNS N07001).
- HARDNESS: 32 TO 42 HRC.
- ANNEALING OF SHANK (ØF) PERMISSIBLE AT 1800 °F MAXIMUM. IF ANNEALED, HARDNESS OF ADJACENT THREAD SHALL BE 32 HRC MINIMUM.
- FINISH: SILVER PLATE THREADS PER AMS2411. PLATING ON OTHER SURFACES OPTIONAL AND MAY BE INCOMPLETE. REFER TO PROCUREMENT SPECIFICATION FOR THICKNESS REQUIREMENTS. DIMENSIONS ARE AFTER PLATING. PARTIAL COVERAGE ON THREAD COUNTERSINKS PERMISSIBLE.
- FLUORESCENT PENETRANT INSPECTION: PER ASTM E1417/E1417M TYPE 1 SENSITIVITY LEVEL 2 MIN BEFORE PLATING. ACCEPTANCE CRITERIA PER AS3071.
- PROCUREMENT SPECIFICATION: AS7253.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
- DIMENSIONS ARE IN INCHES.
- FOR PARTICULARS OF ATTACHMENT FLANGE HOLE AND ABUTMENT SHOULDER, REFER TO AS4847. FOR INSTALLATION OR REMOVAL OF SHANK NUTS, REFER TO ARP4848.
- DO NOT USE UNASSIGNED PART NUMBERS.
- UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- 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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ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS3535™ SHEET 1 OF 2	REV. 6
	NUT, SELF-LOCKING, SHANK, UNS N07001 SILVER PLATE, UNJ THREAD			



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