

AS3535A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

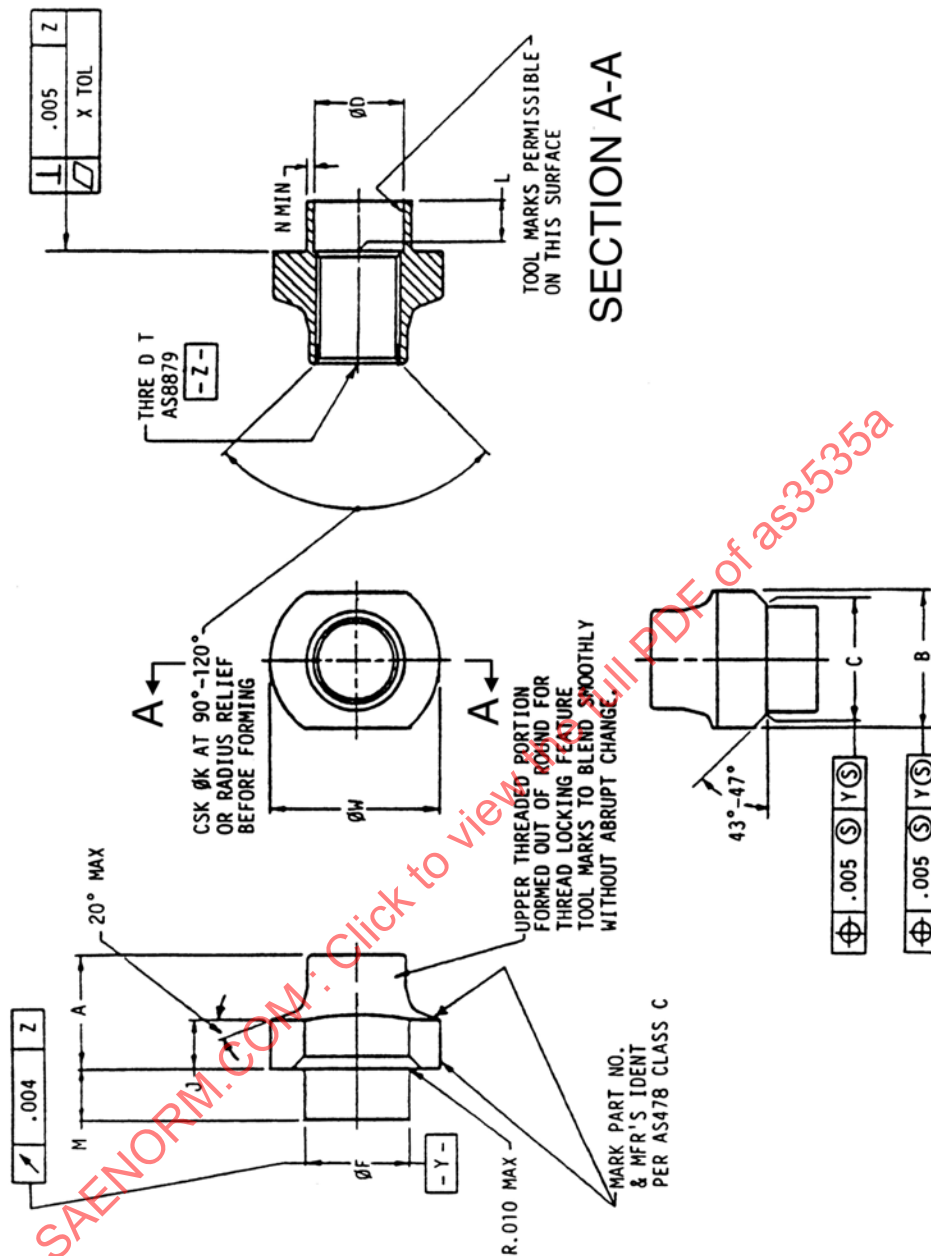
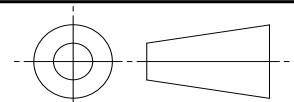


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3535A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7253

SAE Aerospace
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AEROSPACE STANDARD

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

SAE AS3535
SHEET 1 OF 3

REV. A

TABLE 1 - DIMENSIONS
TABLE 1A - DIMENSIONS A-W

PART NO.	THREAD T	A +.005 -.010	ØB ±.005	ØC ±.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:

1. MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY, AMS 5706 OR AMS 5708 (UNS N07001).
2. HEAT TREATMENT: SOLUTION, STABILIZATION, AND PRECIPITATION HEAT TREATED; SEE AMS 5706 OR AMS 5708.
3. HARDNESS: 32 TO 42 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 PER AMS 2411. PLATING ON OTHER SURFACES OPTIONAL AND MAY BE INCOMPLETE. SEE PROCUREMENT SPECIFICATION FOR THICKNESS REQUIREMENTS. DIMENSIONS ARE AFTER PLATING. PARTIAL COVERAGE ON THREAD COUNTERSINKS PERMISSIBLE.
6. FLUORESCENT PENETRANT INSPECTION: PER ASTM E 1417 BEFORE PLATING. ACCEPTANCE CRITERIA PER AS3071.
7. PROCUREMENT SPECIFICATION: AS7253.
8. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 µin 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. FOR PARTICULARS OF ATTACHMENT FLANGE HOLE AND ABUTMENT SHOULDER, REFER TO AS4847. FOR INSTALLATION OR REMOVAL OF SHANK NUTS, REFER TO ARP4848.
13. DO NOT USE UNASSIGNED PART NUMBERS.

 <i>An SAE International Group</i>	AEROSPACE STANDARD		 AS3535 SHEET 2 OF 3	REV. A
	NUT, SELF-LOCKING, SHANK, UNS N07001 SILVER PLATE, UNJ THREAD			