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REV. A
SAE AS3535

FEDERAL SUPPLY CLASS
5310

RATIONALE

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

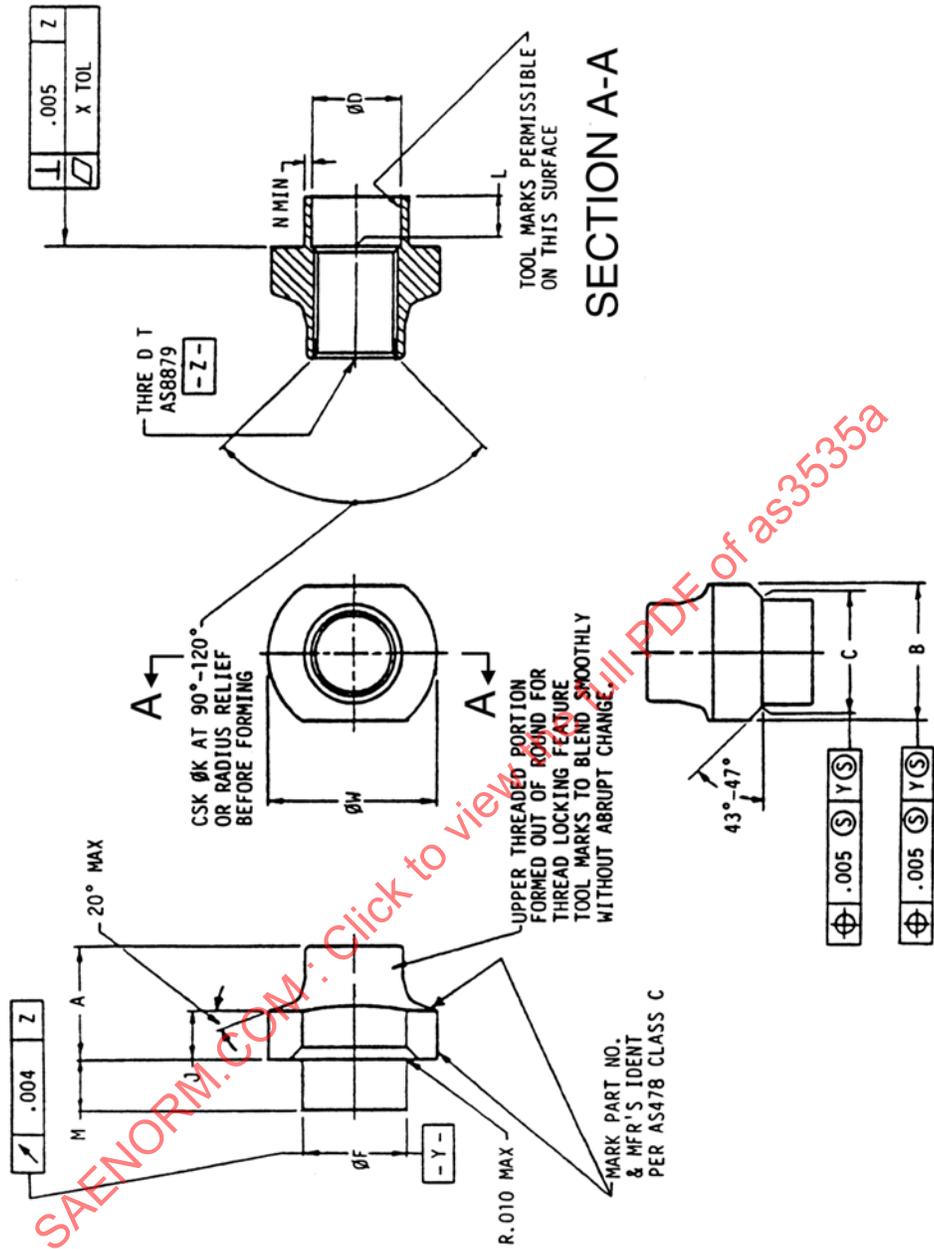
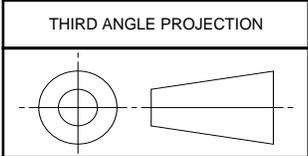


FIGURE 1

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



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7253	
		AEROSPACE STANDARD NUT, SELF-LOCKING, SHANK, UNS N07001 SILVER PLATE, UNJ THREAD	
		SAE AS3535 SHEET 1 OF 3	REV. A

ISSUED 1994-11 REVISED 2007-07 REAFFIRMED 2012-11

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

PART NO.	THREAD T	A	ØB	ØC	ØD	ØF	ØW
		+0.005 -0.010	±.005	±.004	+0.003 -0.002	±.002	±.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	L	M	N	X	J	APPROX MASS
	+0.020 -0.000	±.010	±.003	MIN	TOL	±.015	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, AMS 5706 OR AMS 5708 (UNS N07001).
- HEAT TREATMENT: SOLUTION, STABILIZATION, AND PRECIPITATION HEAT TREATED; SEE AMS 5706 OR AMS 5708.
- 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 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.
- FLUORESCENT PENETRANT INSPECTION: PER ASTM E 1417 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 µin 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.

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