

AS3534A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

RATIONALE

FEDERAL SUPPLY CLASS
5310

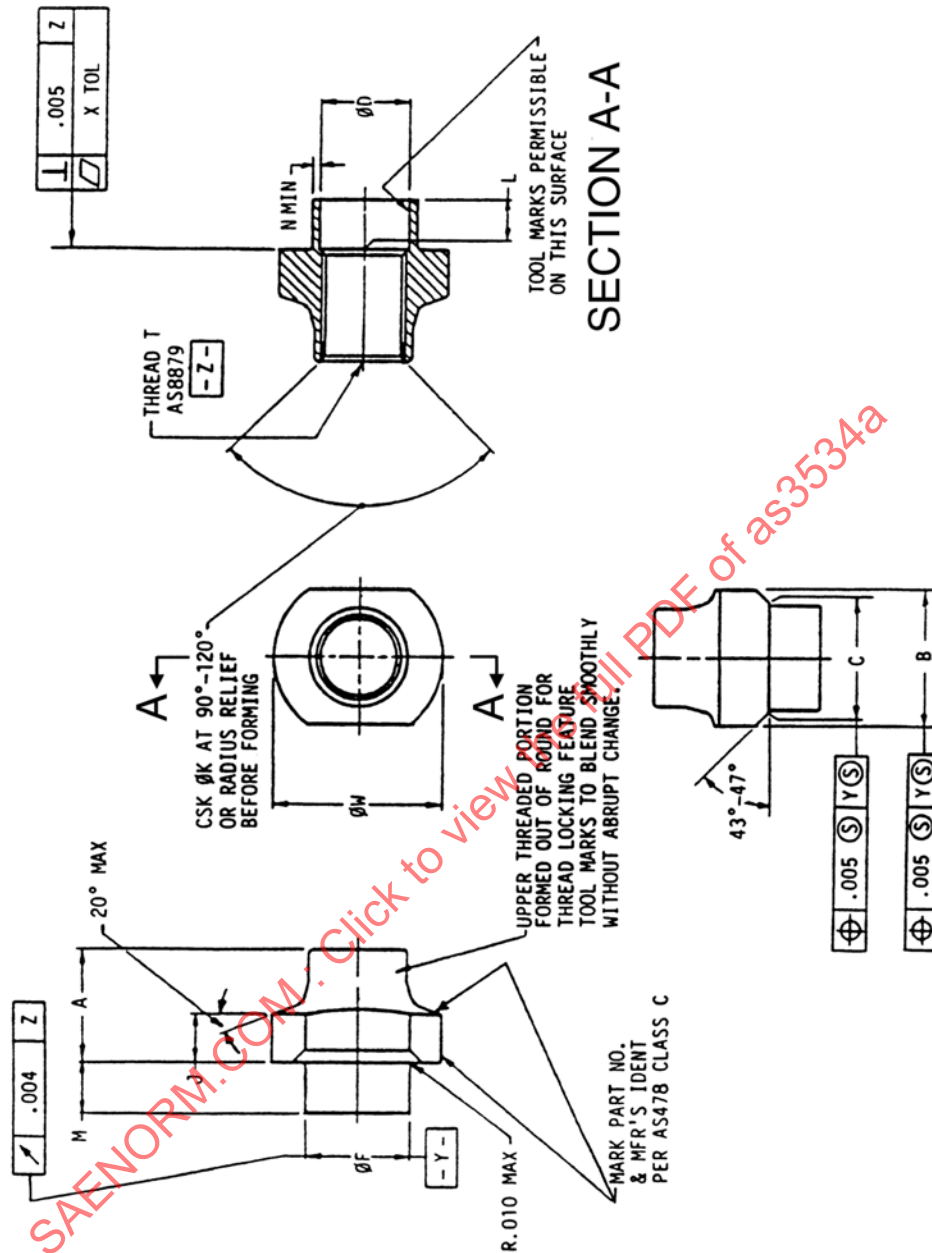
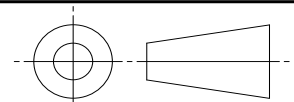


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3534A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4393

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS3534
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
AS3534-02	.1640-36UNJF-3B	.233	.368	.259	.171	.211	.442
AS3534-03	.1900-32UNJF-3B	.257	.394	.285	.197	.237	.468
AS3534-04	.2500-28UNJF-3B	.406	.450	.371	.266	.331	.625
AS3534-05	.3125-24UNJF-3B	.468	.480	.401	.328	.394	.625
AS3534-06	.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
AS3534-02	.164	.063	.063	.015	.0014	.070	.32
AS3534-03	.190	.066	.066	.015	.0014	.105	.50
AS3534-04	.250	.080	.080	.027	.0014	.158	1.38
AS3534-05	.312	.108	.108	.027	.0016	.190	1.61
AS3534-06	.375	.119	.119	.027	.0016	.212	2.74

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL, AMS 5731 OR AMS 5734 (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 AMS 2411. 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 E 1417 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 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.

 An SAE International Group	AEROSPACE STANDARD		SAE AS3534 SHEET 2 OF 3	REV. A
	NUT, SELF-LOCKING, SHANK, UNS S66286 SILVER PLATE ON THD ONLY, UNJ THREAD			