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REV. A

SAE AS3534

FEDERAL SUPPLY CLASS  
5310

RATIONALE

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

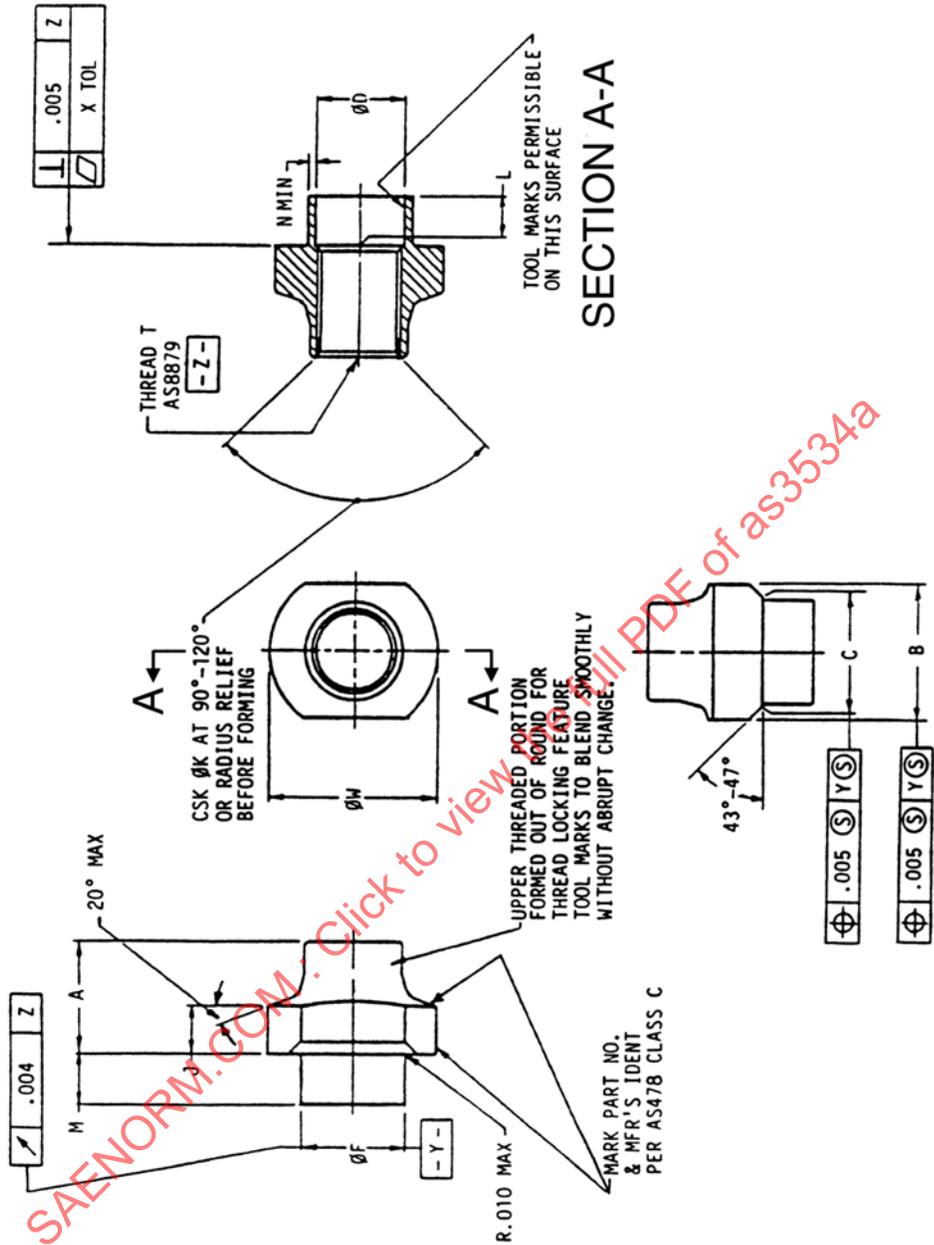
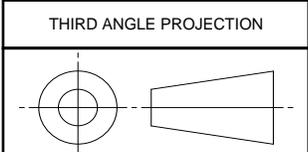


FIGURE 1

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



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

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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	±0.005	±0.004	+0.003 -0.002	±0.002	±0.010
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	L	M	N	X	J	APPROX MASS
	+0.020 -0.000	±0.010	±0.003	MIN	TOL	±0.015	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	<b>AEROSPACE STANDARD</b>	<b>SAE AS3534</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	NUT, SELF-LOCKING, SHANK, UNS S66286 SILVER PLATE ON THD ONLY, UNJ THREAD		