

REV
A

SAE AS3554

FEDERAL SUPPLY CLASS
5310

RATIONALE

AS3554A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

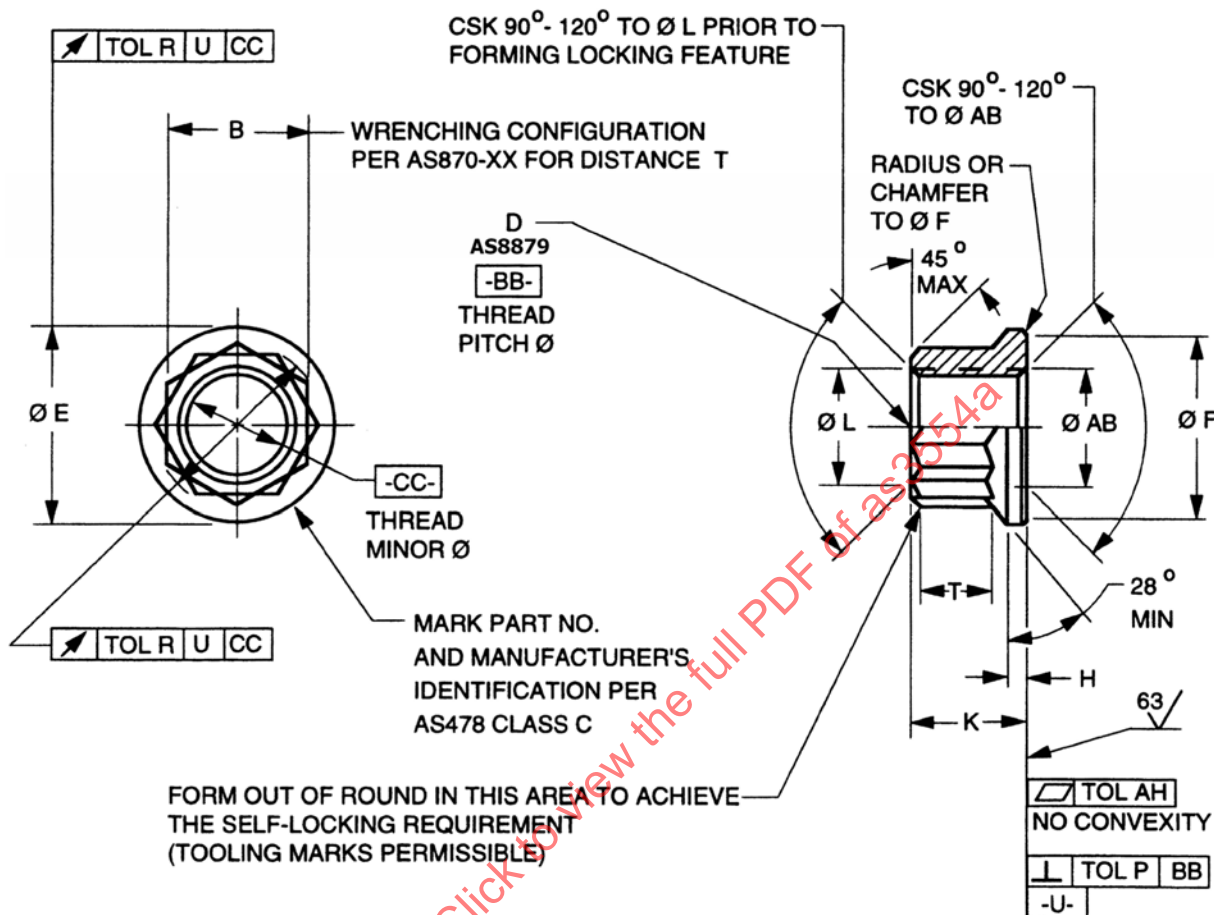
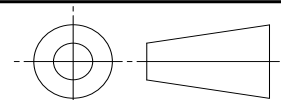


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3554A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, SELF-LOCKING, DOUBLE HEXAGON,
SILVER PLATED, REDUCED HEIGHT
180 KSI, 1400 °F, UNS N07001

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TABLE 1A

PART NUMBER	D THREAD	B NOM	DASH NO.	E MAX	F MIN	AB	H MIN	K MAX
AS3554-09	.190-32 UNJF-3B	.2500	08	.340	.325	.190-.220	.045	.250
AS3554-10	.250-28 UNJF-3B	.3125	10	.450	.410	.250-.280	.045	.322
AS3554-11	.3125-24 UNJF-3B	.3750	12	.525	.495	.312-.342	.060	.360
AS3554-12	.375-24 UNJF-3B	.4375	14	.600	.560	.375-.405	.070	.458
AS3554-13	.4375-20 UNJF-3B	.5625	18	.690	.650	.438-.468	.080	.535
AS3554-14	.500-20 UNJF-3B	.6250	20	.780	.740	.500-.532	.100	.610
AS3554-15	.5625-18 UNJF-3B	.6875	22	.880	.840	.562-.597	.110	.680
AS3554-16	.625-18 UNJF-3B	.7812	25	.970	.925	.625-.660	.120	.790
AS3554-17	.750-16 UNJF-3B	.9375	30	1.230	1.180	.750-.785	.130	.935

TABLE 1B

PART NUMBER	L	T MIN	P	R	AH	APPROX MASS LB/100
AS3554-09	.190-.210	.082	.004	.006	.0014	.25
AS3554-10	.250-.270	.130	.005	.007	.0014	.46
AS3554-11	.312-.332	.170	.005	.008	.0016	.71
AS3554-12	.375-.395	.210	.005	.009	.0016	1.26
AS3554-13	.438-.458	.230	.005	.010	.0020	2.56
AS3554-14	.500-.520	.260	.006	.012	.0020	3.11
AS3554-15	.562-.582	.320	.006	.014	.0020	4.63
AS3554-16	.625-.645	.370	.007	.015	.0020	6.81
AS3554-17	.750-.770	.500	.007	.016	.0020	12.30

NOTES:

1. MATERIAL: HEAT RESISTING NICKEL ALLOY AMS 5708.
2. HARDNESS: 32 TO 44 HRC.
3. FINISH: SILVER PLATE PER AMS 2411; SILVER PLATE ONLY ON THREADS WITH OPTIONAL COVERAGE ON COUNTERSINKS. NO SILVER SHALL ENCROACH ON THE SEATING SURFACE. DIMENSIONS APPLY AFTER PLATING.
4. PROCUREMENT SPECIFICATION: AS7253
5. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
6. FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417 TYPE I, SENSITIVITY LEVEL 2, PRIOR TO PLATING.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 μ in Ra.
8. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION)
9. DIMENSIONS ARE IN INCHES.
10. DO NOT USE UNASSIGNED PART NUMBERS.

 An SAE International Group	AEROSPACE STANDARD	SAE AS3554 SHEET 2 OF 3	REV. A
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