

REV.  
D

AS3554™

RATIONALE

ADD DIMENSION AJ TO TABLE 1B, CORRECT THREAD DATUM CALLOUT, AND DELETE DATUM U.

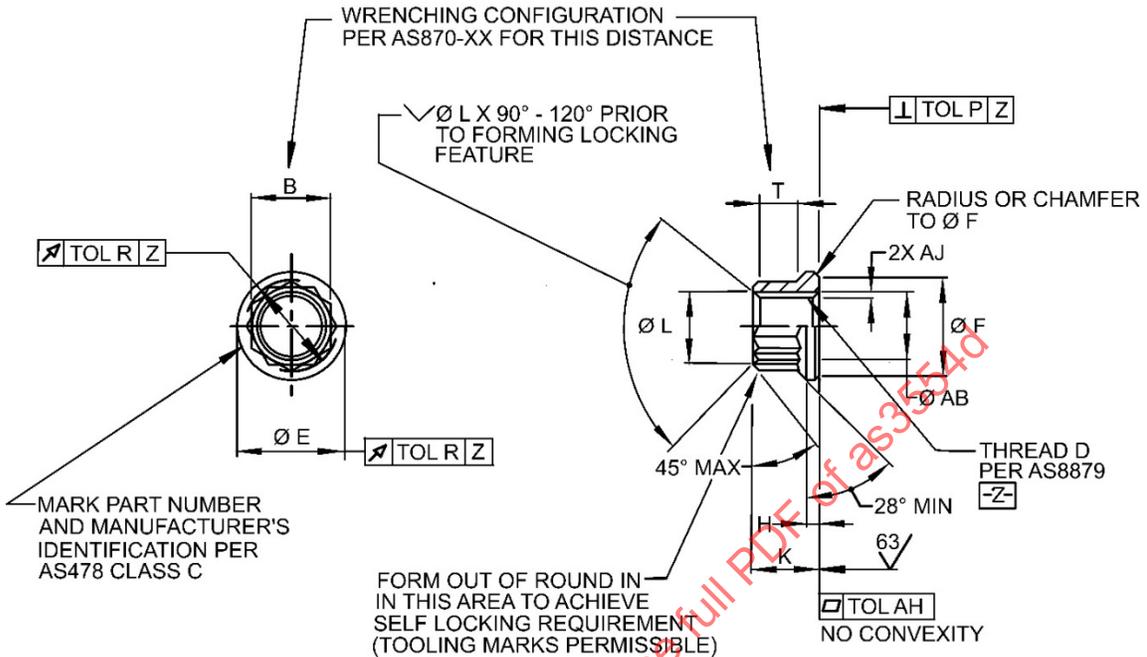
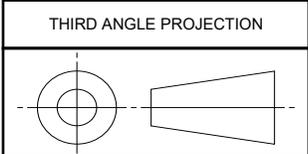


FIGURE 1

SAENORM.COM : Click to view the full PDF of AS3554

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS3554D/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7253



**AEROSPACE STANDARD**

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

AS3554™  
SHEET 1 OF 3

REV.  
D

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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	AJ MIN	APPROX MASS LB/100
AS3554-09	.190-.210	.082	.004	.006	.0014	.006	.25
AS3554-10	.250-.270	.130	.005	.007	.0014	.009	.46
AS3554-11	.312-.332	.170	.005	.008	.0016	.011	.71
AS3554-12	.375-.395	.210	.005	.009	.0016	.012	1.26
AS3554-13	.438-.458	.230	.005	.010	.0020	.015	2.56
AS3554-14	.500-.520	.260	.006	.012	.0020	.015	3.11
AS3554-15	.562-.582	.320	.006	.014	.0020	.018	4.63
AS3554-16	.625-.645	.370	.007	.015	.0020	.018	6.81
AS3554-17	.750-.770	.500	.007	.016	.0020	.021	12.30

NOTES:

- MATERIAL: HEAT RESISTING NICKEL ALLOY AMS5708 (COMPOSITION SIMILAR TO UNS N07001).
- HARDNESS: 32 TO 44 HRC.
- FINISH: SILVER PLATE PER AMS2411; SILVER PLATE ONLY ON THREADS WITH OPTIONAL COVERAGE ON COUNTERSINKS. NO SILVER SHALL ENCROACH ON THE SEATING SURFACE. DIMENSIONS APPLY AFTER PLATING.
- PROCUREMENT SPECIFICATION: AS7253.
- BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN, PRIOR TO PLATING.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
- DIMENSIONS ARE IN INCHES.
- DO NOT USE UNASSIGNED PART NUMBERS.
- UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	<b>AEROSPACE STANDARD</b>	<b>AS3554™</b> SHEET 2 OF 3	<b>REV.</b> <b>D</b>
	NUT, SELF-LOCKING, DOUBLE HEXAGON, SILVER PLATED, REDUCED HEIGHT 180 KSI, 1400 °F, UNS N07001		