REV. C

AS3554™

FEDERAL SUPPLY CLASS
5310

RATIONALE

FIGURE REDRAWN TO AS1132 STANDARD, USAGE NOTE ADDED, SPECS UPDATED.

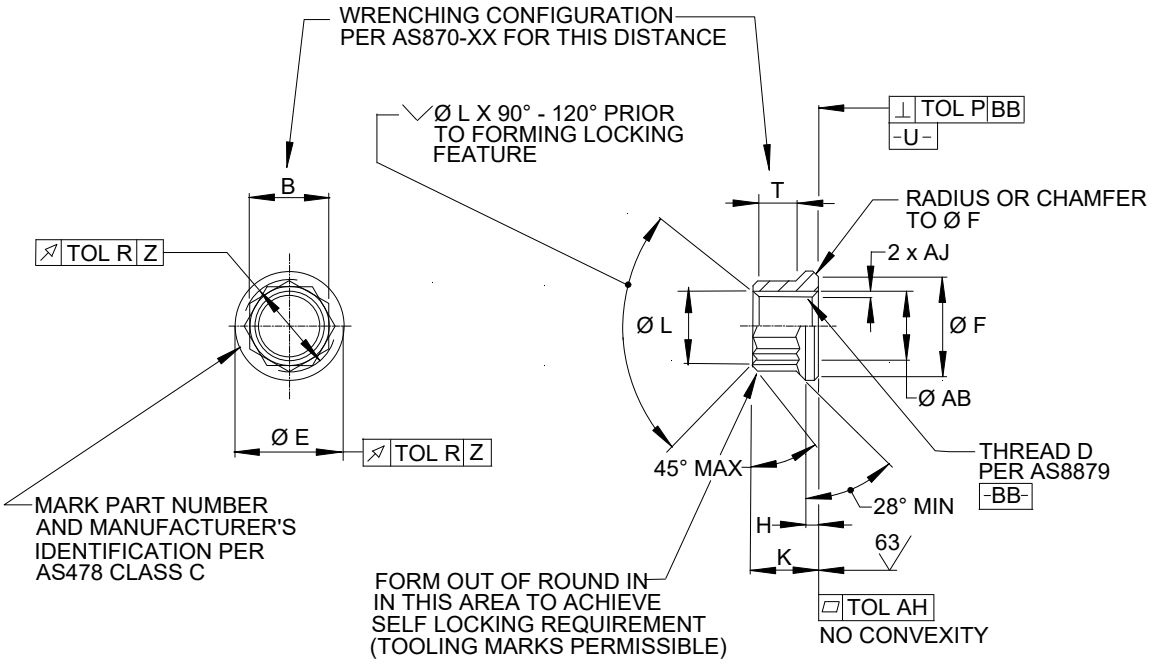
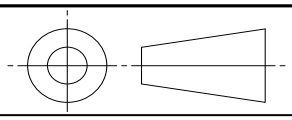


FIGURE 1

THIRD ANGLE PROJECTION



For more information on this standard, visit
https://www.sae.org/standards/content/AS3554C/

ISSUED 1995-10 REAFFIRMED 2012-11 REVISED 2021-05

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7253

SAE INTERNATIONAL

AEROSPACE STANDARD

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

AS3554™
SHEET 1 OF 3

REV. C

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Documents
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Full document details: SAE AS3554C

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 AMS5708 (COMPOSITION SIMILAR TO UNS N07001).
2. HARDNESS: 32 TO 44 HRC.
3. 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.
4. PROCUREMENT SPECIFICATION: AS7253.
5. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN, PRIOR TO PLATING.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
8. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
9. DIMENSIONS ARE IN INCHES.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

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