

REV  
A

SAE AS3552

RATIONALE

AS3552A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

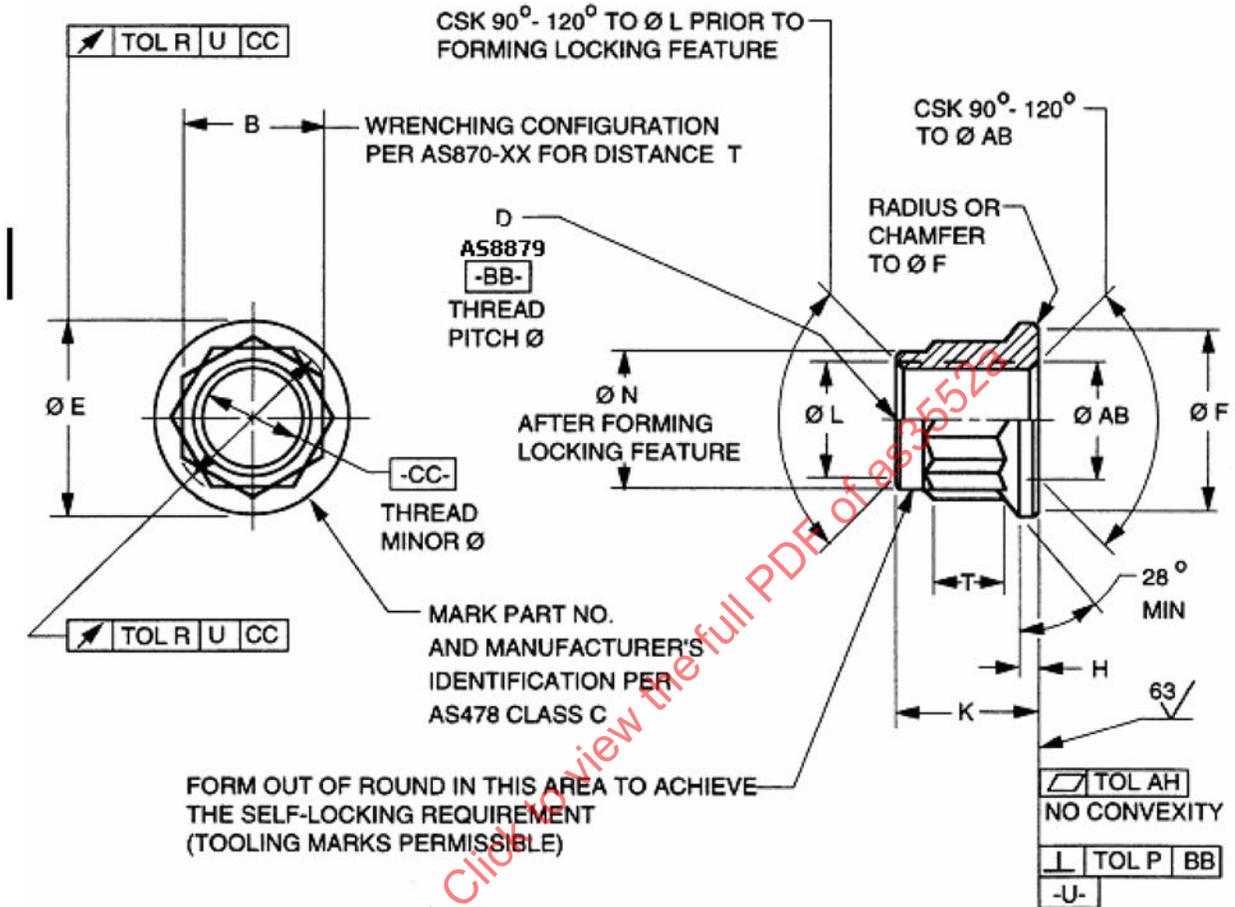
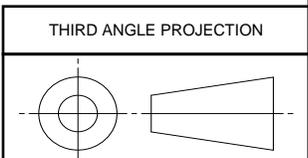


FIGURE 1

SAENORM.COM : Click to view the full PDF of AS3552A

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

NUT, SELF-LOCKING, DOUBLE HEXAGON, SILVER PLATED, EXTENDED WRENCH PAD  
180 KSI, 1400 °F, UNS N07001

**SAE AS3552**  
SHEET 1 OF 3

REV.  
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ISSUED 1995-10 REVISED 2007-08 REAFFIRMED 2012-11

TABLE 1A

PART NUMBER	D THREAD	B NOM	DASH NO.	E MAX	F MIN	AB	H MIN	K MAX
AS3552-09	.190-32 UNJF-3B	.2500	08	.340	.325	.190-.220	.045	.305
AS3552-10	.250-28 UNJF-3B	.3125	10	.450	.410	.250-.280	.045	.400
AS3552-11	.3125-24 UNJF-3B	.3750	12	.525	.495	.312-.342	.060	.455
AS3552-12	.375-24 UNJF-3B	.4375	14	.600	.560	.375-.405	.070	.520
AS3552-13	.4375-20 UNJF-3B	.5625	18	.690	.650	.438-.468	.080	.595
AS3552-14	.500-20 UNJF-3B	.6250	20	.780	.740	.500-.532	.100	.680
AS3552-15	.5625-18 UNJF-3B	.6875	22	.880	.840	.562-.597	.110	.758
AS3552-16	.625-18 UNJF-3B	.7812	25	.970	.925	.625-.660	.120	.850
AS3552-17	.750-16 UNJF-3B	.9375	30	1.230	1.180	.750-.785	.130	1.032

TABLE 1B

PART NUMBER	L	N MAX	T MIN	P	R	AH	APPROX MASS LB/100
AS3552-09	.190-.210	.262	.082	.004	.006	.0014	.28
AS3552-10	.250-.270	.326	.130	.005	.007	.0014	.51
AS3552-11	.312-.332	.392	.170	.005	.008	.0016	.83
AS3552-12	.375-.395	.458	.210	.005	.009	.0016	1.34
AS3552-13	.438-.458	.588	.230	.005	.010	.0020	2.74
AS3552-14	.500-.520	.654	.260	.006	.012	.0020	3.34
AS3552-15	.562-.582	.720	.320	.006	.014	.0020	4.92
AS3552-16	.625-.645	.817	.370	.007	.015	.0020	7.12
AS3552-17	.750-.770	.980	.500	.007	.016	.0020	13.01

## NOTES:

- MATERIAL: HEAT RESISTING NICKEL ALLOY AMS 5708.
- HARDNESS: 32 TO 44 HRC.
- 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.
- PROCUREMENT SPECIFICATION: AS7253
- BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417 TYPE I, SENSITIVITY LEVEL 2, PRIOR TO PLATING.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M; REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125  $\mu$ m Ra.
- DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION)
- DIMENSIONS ARE IN INCHES.

 An SAE International Group	<b>AEROSPACE STANDARD</b>	<b>SAE AS3552</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	NUT, SELF-LOCKING, DOUBLE HEXAGON, SILVER PLATED, EXTENDED WRENCH PAD 180 KSI, 1400 °F, UNS N07001		