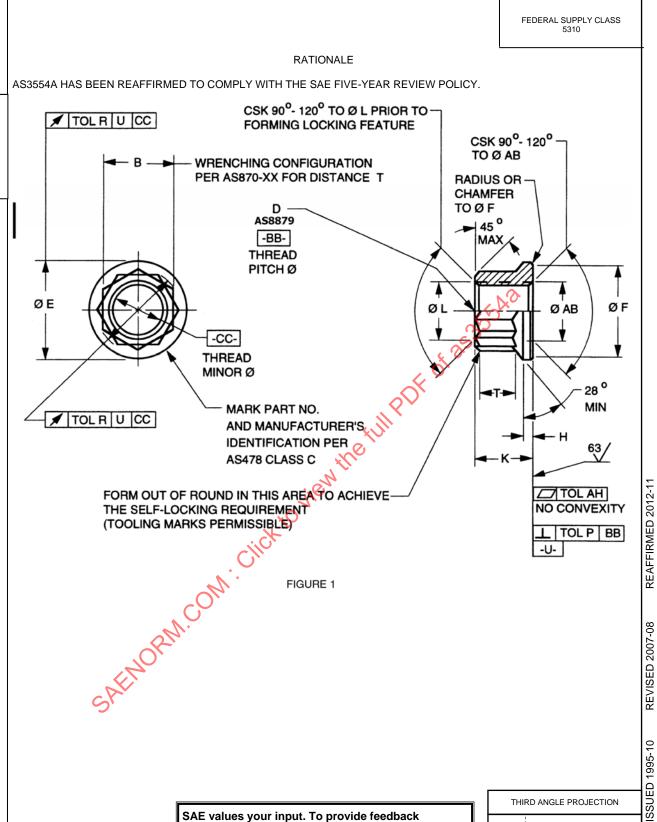
REV A

SAE AS3554

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

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

SAE AS3554 SHEET 1 OF 3

REV. Α

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TABLE 1A

PART	D	В	DASH	Е	F		Н	K
NUMBER	THREAD	NOM	NO.	MAX	MIN	AB	MIN	MAX
AS3554-09	.190-32 UNJF-3B	.2500	08	.340	.325	.190220	.045	.250
AS3554-10	.250-28 UNJF-3B	.3125	10	.450	.410	.250280	.045	.322
AS3554-11	.3125-24 UNJF-3B	.3750	12	.525	.495	.312342	.060	.360
AS3554-12	.375-24 UNJF-3B	.4375	14	.600	.560	.375405	.070	.458
AS3554-13	.4375-20 UNJF-3B	.5625	18	.690	.650	.438468	.080	.535
AS3554-14	.500-20 UNJF-3B	.6250	20	.780	.740	.500532	.100	.610
AS3554-15	.5625-18 UNJF-3B	.6875	22	.880	.840	.562597	.110	.680
AS3554-16	.625-18 UNJF-3B	.7812	25	.970	.925	.625660	.120	.790
AS3554-17	.750-16 UNJF-3B	.9375	30	1.230	1.180	.750785	.130	.935

TABLE 1B

						APPROX]
PART		T				MASS	
UMBER	L	MIN	Р	R	AH	LB/100	
3554-09	.190210	.082	.004	.006	.0014	.25	()
3554-10	.250270	.130	.005	.007	.0014	.46 🦪	לט
3554-11	.312332	.170	.005	.008	.0016	.71 💪	7
						600	
3554-12	.375395	.210	.005	.009	.0016	1.26	
3554-13	.438458	.230	.005	.010	.0020	2.56	
3554-14	.500520	.260	.006	.012	.0020	3.11	
					\sim	Ť	
3554-15	.562582	.320	.006	.014	.0020	4.63	
3554-16	.625645	.370	.007	.015	0020	6.81	
3554-17	.750770	.500	.007	.016	.0020	12.30	
	UMBER 33554-09 33554-10 33554-11 33554-12 33554-13 33554-14 33554-15	UMBER L 33554-09 .190210 .3554-10 .250270 .33554-11 .312332 .33554-12 .375395 .33554-13 .438458 .33554-14 .500520 .33554-15 .562582 .33554-16 .625645	UMBER L MIN 33554-09 .190210 .082 33554-10 .250270 .130 33554-11 .312332 .170 33554-12 .375395 .210 33554-13 .438458 .230 33554-14 .500520 .260 33554-15 .562582 .320 33554-16 .625645 .370	UMBER L MIN P 33554-09 .190210 .082 .004 33554-10 .250270 .130 .005 33554-11 .312332 .170 .005 33554-12 .375395 .210 .005 33554-13 .438458 .230 .005 33554-14 .500520 .260 .006 33554-15 .562582 .320 .006 33554-16 .625645 .370 .007	UMBER L MIN P R 33554-09 .190210 .082 .004 .006 33554-10 .250270 .130 .005 .007 33554-11 .312332 .170 .005 .008 33554-12 .375395 .210 .005 .009 33554-13 .438458 .230 .005 .010 33554-14 .500520 .260 .006 .012 33554-15 .562582 .320 .006 .014 33554-16 .625645 .370 .007 .015	UMBER L MIN P R AH 33554-09 .190210 .082 .004 .006 .0014 33554-10 .250270 .130 .005 .007 .0014 33554-11 .312332 .170 .005 .008 .0016 33554-12 .375395 .210 .005 .009 .0016 33554-13 .438458 .230 .005 .010 .0020 33554-14 .500520 .260 .006 .012 .0020 33554-15 .562582 .320 .006 .014 .0020 33554-16 .625645 .370 .007 .015 .0020	PART UMBER L MIN P R AH L8/100 33554-09 .190210 .082 .004 .006 .0014 .25 33554-10 .250270 .130 .005 .007 .0014 .46 .33554-11 .312332 .170 .005 .008 .0016 .71 33554-12 .375395 .210 .005 .009 .0016 .26 33554-13 .438458 .230 .005 .010 .0020 .311 33554-14 .500520 .260 .006 .012 .0020 .3.11 33554-15 .562582 .320 .006 .014 .0020 4.63 33554-16 .625645 .370 .007 .015 .0020 6.81

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.
- FLUORESCENT PENETRANTINSPECTION 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 µin Ra.
- 8. DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION)
- 9. DIMENSIONS ARE IN INCHES.
- 10. DO NOT USE UNASSIGNED PART NUMBERS.