

REV.
B

AS3554™

RATIONALE

THIS IS A LIMITED SCOPE REVISION. IN DRAWING NOTE 6, UPDATE FPI REFERENCE AND REVISE SENSITIVITY LEVEL REQUIREMENT TO A MINIMUM LEVEL.

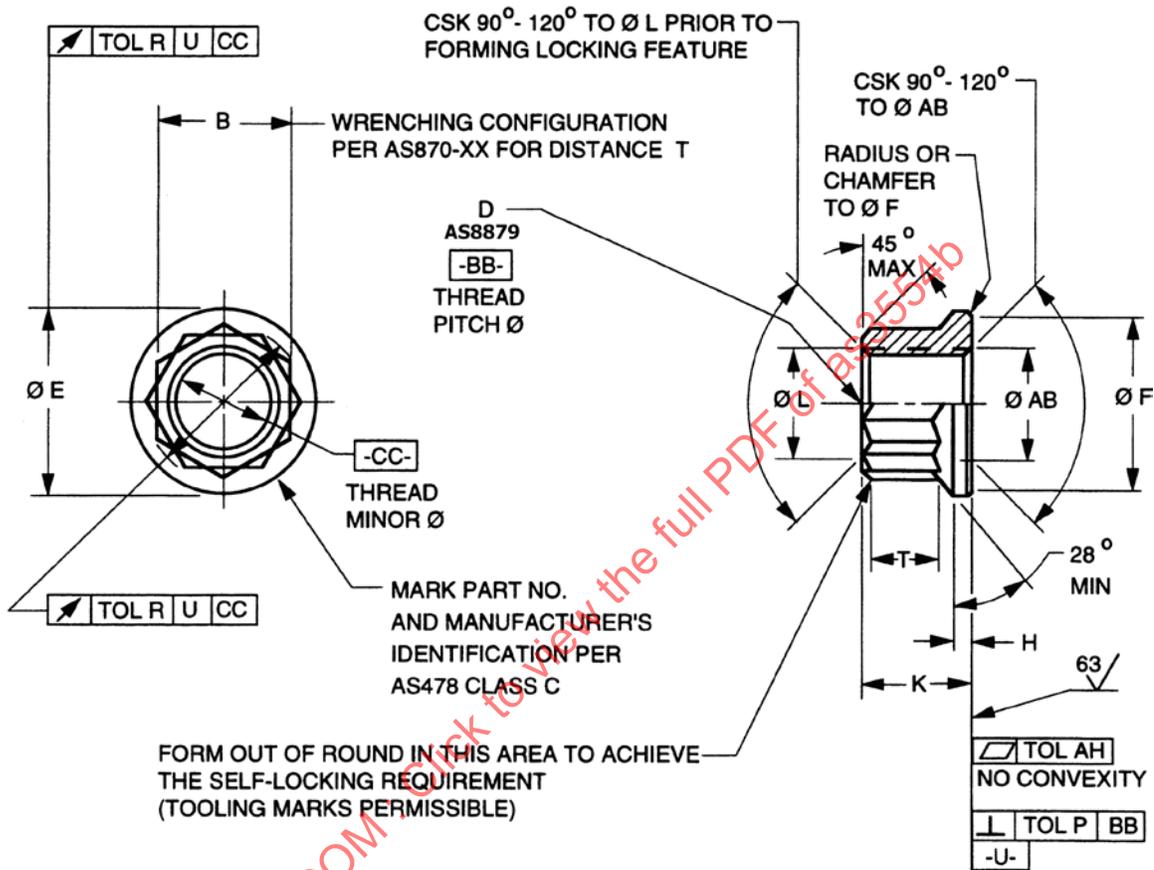
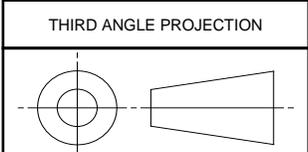


FIGURE 1

SAENORM.COM Link to view the full PDF of AS3554B

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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.
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ISSUED 1995-10 REAFFIRMED 2012-11 REVISED 2015-09

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:

- MATERIAL: HEAT RESISTING NICKEL ALLOY AMS5708.
- 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.

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|  | AEROSPACE STANDARD | AS3554™ SHEET 2 OF 3 | REV. B |
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