

REV.
A

AS1620™

RATIONALE

FEDERAL SUPPLY CLASS

FIGURE REDRAWN, SPECS CORRECTED.

AS1620A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

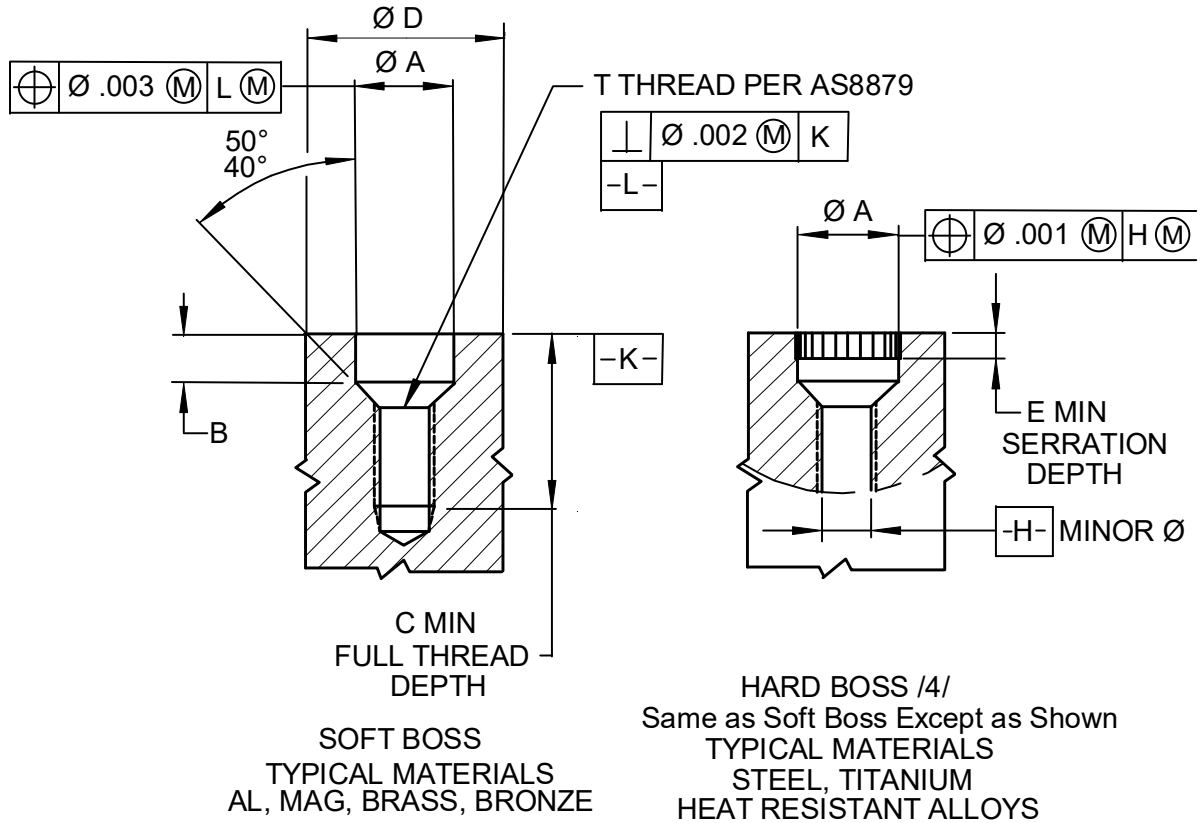
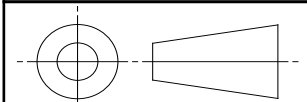


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS1620A/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

AEROSPACE STANDARD

STUD, LOCKED IN - RING, STRAIGHT,
HOLE PREPARATION FOR

AS1620™
SHEET 1 OF 2

REV.
A



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TABLE 1

BASIC STUD PART NUMBER (REF)	T THREAD /4/			A +.003 -.000	B +.020 -.000	C MIN	D MIN	E SERRATION DEPTH MIN
	SOFT MATERIALS UNJC-3B	HARD MATERIALS						
		UNJC-3B MOD	MOD MINOR DIA +.0020 -.0010					
AS3319	.1900-24	.1900-24	.1520	.258	.101	.473	.340	.073
AS3320	.2500-20	.2500-20	.2031	.337	.128	.623	.440	.099
AS3321	.3125-18	.3125-18	.2610	.381	.169	.747	.500	.145
AS3322	.3750-16	.3750-16	.3160	.448	.204	.880	.620	.181

NOTES:

1. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ANSI B46.1-1978. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
2. DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-1982 (ASME PUBLICATION).
3. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
4. HARD MATERIALS (STEEL, TI, AND HEAT RESISTANT ALLOYS) REQUIRE THE MODIFIED MINOR DIAMETER SHOWN AND BROACHED SERRATIONS IN COUNTERBORE AREA, REFER TO AS1561.
5. DIMENSIONS ARE IN INCHES.
6. NOMINAL USE: FOR INSTALLATION OF RING LOCKED STRAIGHT STUDS AS3319 THRU AS3322.
7. FOR DESIGN, INSTALLATION AND REMOVAL OF RING LOCKED STRAIGHT STUDS, REFER TO AS1561.
8. THIS IS A DESIGN STANDARD NOT TO BE USED AS A PART NUMBER.
9. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.

ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.

ASTM IS AN AMERICAN SOCIETY FOR TESTING AND MATERIALS PUBLICATION.

	AEROSPACE STANDARD		AS1620™ SHEET 2 OF 2	REV. A
	STUD, LOCKED IN - RING, STRAIGHT, HOLE PREPARATION FOR			



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