

REV.
D

SAE AS150426
THRU AS150450

RATIONALE

FEDERAL SUPPLY CLASS
5310

THIS DOCUMENT HAS BEEN DETERMINED TO CONTAIN BASIC AND STABLE TECHNOLOGY WHICH IS NOT DYNAMIC IN NATURE.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD AN150426 THRU AN150450 REV. 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

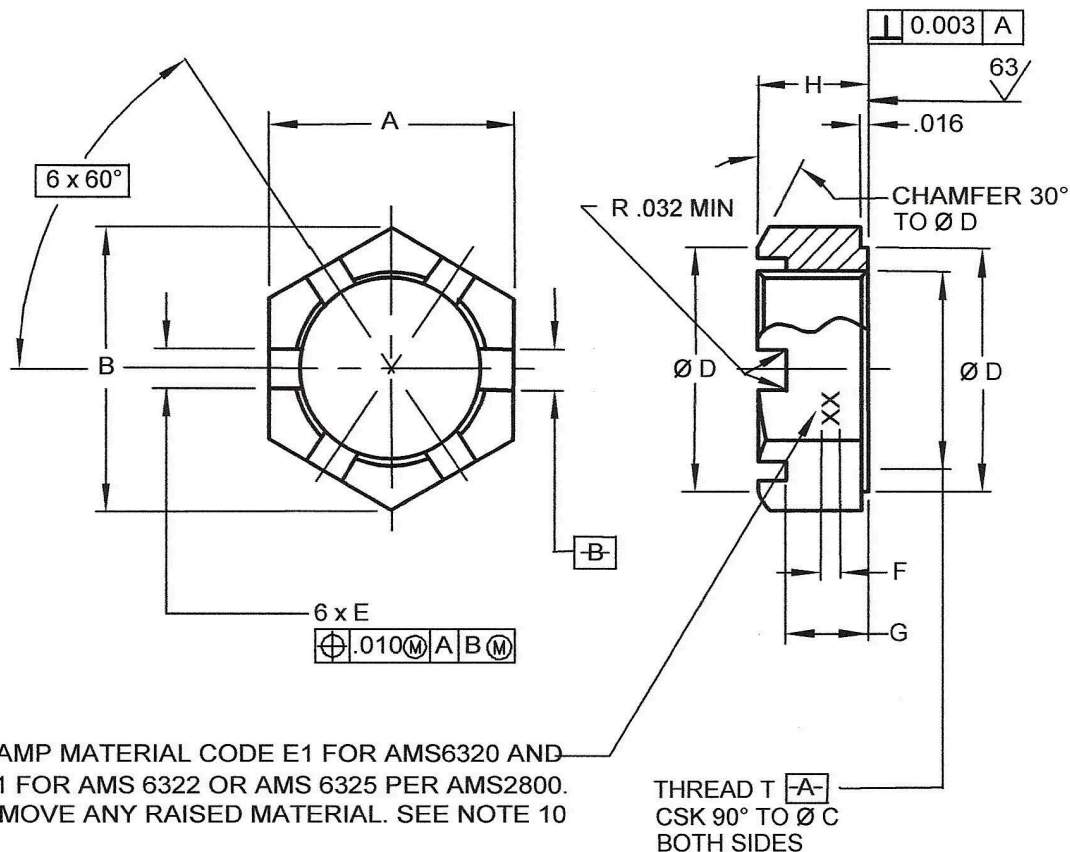
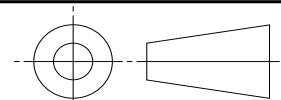


FIGURE 1 - NUT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS150426D>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
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AEROSPACE STANDARD

NUT – HEX, CHECK,
AMS6320, AMS6322 OR AMS6325

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TABLE 1 – PART NUMBERS AND DIMENSIONS

THREAD T	A +.002 -.007	B MIN	Ø C	Ø D	E	F	G	H	PART NUMBER
.1900-32 UNJF-3B	.375	.410	.200	.375	.072 -.088	.040 -.080	.094	.188	AN150432
.2500-28 UNJF-3B	.437	.481	.260	.438	.072 -.088	.040 -.080	.094	.188	AN150433
.3125-24 UNJF-3B	.500	.552	.322	.500	.072 -.088	.040 -.080	.094	.188	AN150434
.3750-24 UNJF-3B	.562	.623	.385	.562	.125	.100 -.140	.109	.219	AN150435
.4375-24 UNJF-3B	.625	.696	.448	.625	.125	.100 -.140	.109	.219	AN150436
.5000-20 UNJF-3B	.750	.836	.510	.750	.125	.100 -.140	.141	.250	AN150437
.5625-18 UNJF-3B	.875	.978	.572	.875	.156	.090 -.150	.188	.312	AN150438
.6250-18 UNJF-3B	.938	1.049	.635	.938	.156	.090 -.150	.188	.312	AN150439
.7500-16 UNJF-3B	1.062	1.192	.760	1.062	.156	.090 -.150	.250	.375	AN150440

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE

NOTES

1. MATERIAL: STEEL AMS6320, AMS6322, OR AMS6325.
2. HARDNESS: ROCKWELL C19-26: PARTS SHALL BE HARDENED (OIL QUENCHED) AND TEMPERED BEFORE THREADING.
3. FINISH: CADMIUM PLATE PER AMS2400.
4. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES Ra.
5. MAGNETIC PARTICLE INSPECTION TO ASTM E 1444, ACCEPTANCE TO AS5447.
6. SCREW THREADS PER AS8879. PARTS MANUFACTURED PRIOR TO REVISION A OF THIS STANDARD AND MEETING THE REQUIREMENTS OF SCREW THREAD SERIES UNF-3B ARE ACCEPTABLE.
7. BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES, LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS ± 2 DEGREES.
9. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).
10. MULTIPLE MARKINGS OF BAR STOCK IS PERMISSIBLE PROVIDED POSITIVE IDENTIFICATION IS SHOWN. PARTS MARKED BEFORE THREADING. DASH NUMBERS MAY APPEAR ON ADJACENT FLATS
11. DO NOT USE UNASSIGNED PART NUMBERS.
12. 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.

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 ASME IS AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION
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