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REV.
B

AS3477™

RATIONALE

FEDERAL SUPPLY CLASS
5310

REVISE THREAD SPECIFICATION TO AS8879, ADD CONVEXITY RESTRICTION AND REVISE SURFACE TEXTURE SYMBOL FOR BEARING FACE, CLARIFY COUNTERSINK CALLOUTS, REFORMAT TABLE 1, REDRAW FIGURE 1, AND GENERAL EDITORIAL UPDATE.

AS3477B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

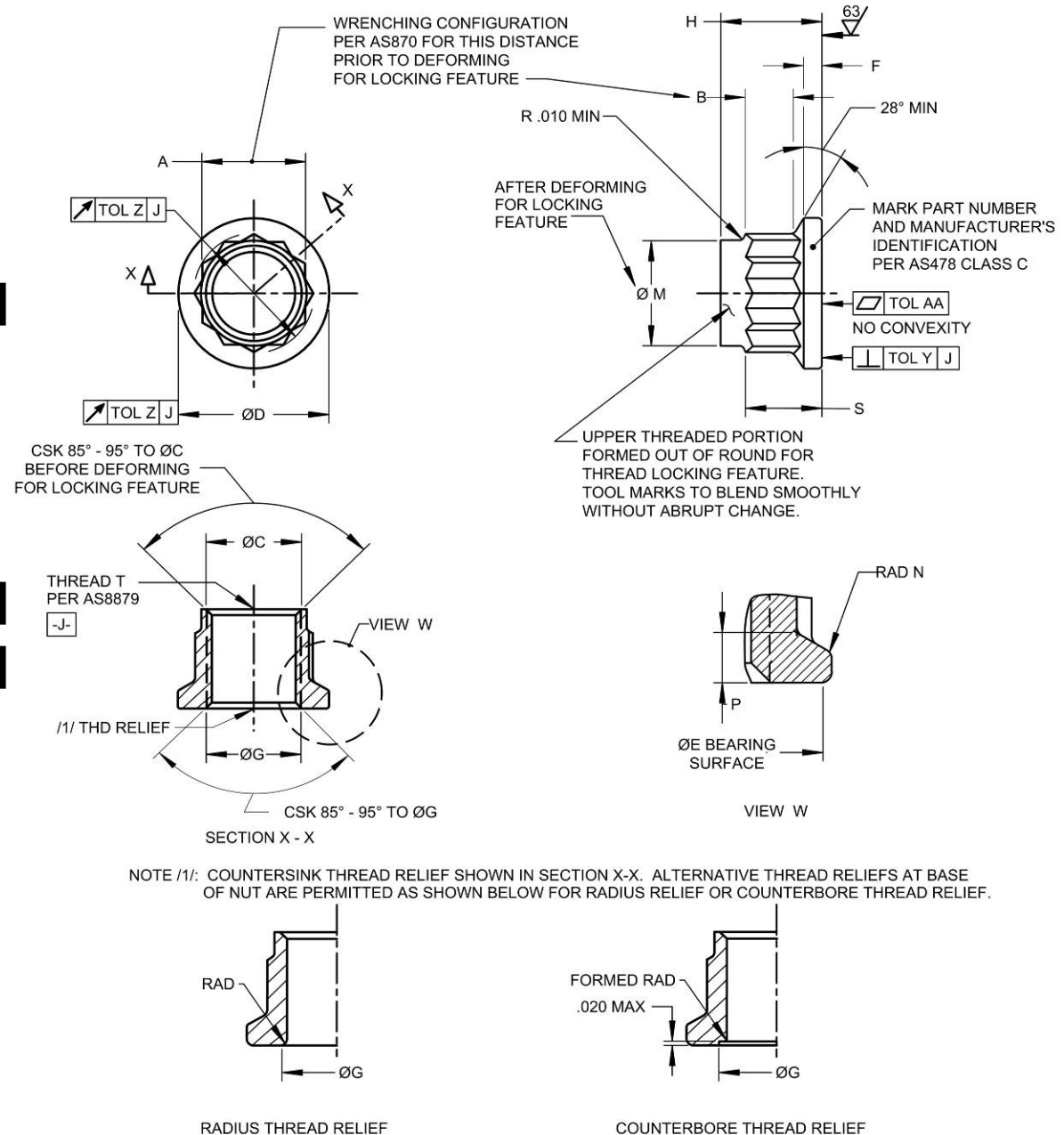


FIGURE 1 - NUT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3477B/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4393



AEROSPACE STANDARD
NUT, SELF LOCKING - DOUBLE HEXAGON,
EXTENDED WASHER, UNS S66286, SILVER PLATED,
UNJ THREAD

AS3477™
SHEET 1 OF 2

REV.
B

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TABLE 1A – PART NUMBERS AND DIMENSIONS T, A, B, C, D, E, F AND G

PART NUMBER	THREAD T	A NOM	B MIN	ØC	ØD MAX	ØE MIN	F	ØG
AS3477-08	.1640-36 UNJF-3B	.2188	.070	.164-.184	.294	.264	.045-.060	.164-.194
AS3477-09	.1900-32 UNJF-3B	.2500	.070	.190-.210	.355	.325	.045-.060	.190-.220
AS3477-10	.2500-28 UNJF-3B	.3125	.095	.250-.270	.450	.410	.045-.060	.250-.280
AS3477-11	.3125-24 UNJF-3B	.3750	.108	.312-.332	.535	.495	.060-.075	.312-.342
AS3477-12	.3750-24 UNJF-3B	.4375	.147	.375-.395	.608	.559	.070-.090	.375-.405
AS3477-13	.4375-20 UNJF-3B	.5625	.150	.438-.458	.692	.652	.080-.100	.438-.468
AS3477-14	.5000-20 UNJF-3B	.6250	.176	.500-.520	.786	.746	.100-.120	.500-.535
AS3477-15	.5625-18 UNJF-3B	.6875	.205	.562-.582	.880	.840	.110-.130	.562-.597

TABLE 1B – DIMENSIONS H, M, N, P, S, Y, Z, AA, AND APPROX. MASS

PART NUMBER	H	ØM MAX	N	P MAX	S	Y	Z	AA	APPROX MASS LB/100
AS3477-08	.230-.250	.229	.005-.020	.090	.135-.175	.004	.005	.0012	.17
AS3477-09	.230-.250	.262	.005-.030	.095	.150-.190	.004	.006	.0014	.22
AS3477-10	.308-.328	.326	.005-.030	.110	.190-.235	.005	.007	.0014	.41
AS3477-11	.340-.360	.392	.005-.035	.130	.220-.270	.005	.008	.0016	.70
AS3477-12	.438-.458	.458	.005-.040	.150	.270-.330	.005	.009	.0016	.99
AS3477-13	.449-.469	.588	.005-.040	.150	.270-.330	.006	.010	.0020	1.51
AS3477-14	.548-.568	.654	.005-.060	.180	.335-.405	.006	.012	.0020	2.35
AS3477-15	.613-.633	.720	.005-.070	.195	.380-.460	.007	.014	.0020	3.67

NOTES:

1. PROCUREMENT SPECIFICATION: AS4393 (NUTS, SELF-LOCKING, UNS S66286)
2. MATERIAL: AMS5731, AMS5734, OR AMS5853 (UNS S66286).
3. FINISH: SILVER PLATE PER AMS2411. SEE PROCUREMENT SPECIFICATION FOR THICKNESS REQUIREMENT. DIMENSIONS ARE AFTER PLATING.
4. FLUORESCENT PENETRANT INSPECTION: ASTM E1417/E1417M, TYPE I, SENSITIVITY LEVEL 2 MIN. ACCEPTANCE CRITERIA PER AS4393.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
6. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION)
8. DIMENSIONS ARE IN INCHES.
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. 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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ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD		AS3477™ SHEET 2 OF 2	REV. B
	NUT, SELF LOCKING - DOUBLE HEXAGON, EXTENDED WASHER, UNS S66286, SILVER PLATED, UNJ THREAD			