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REV.
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AS3483™

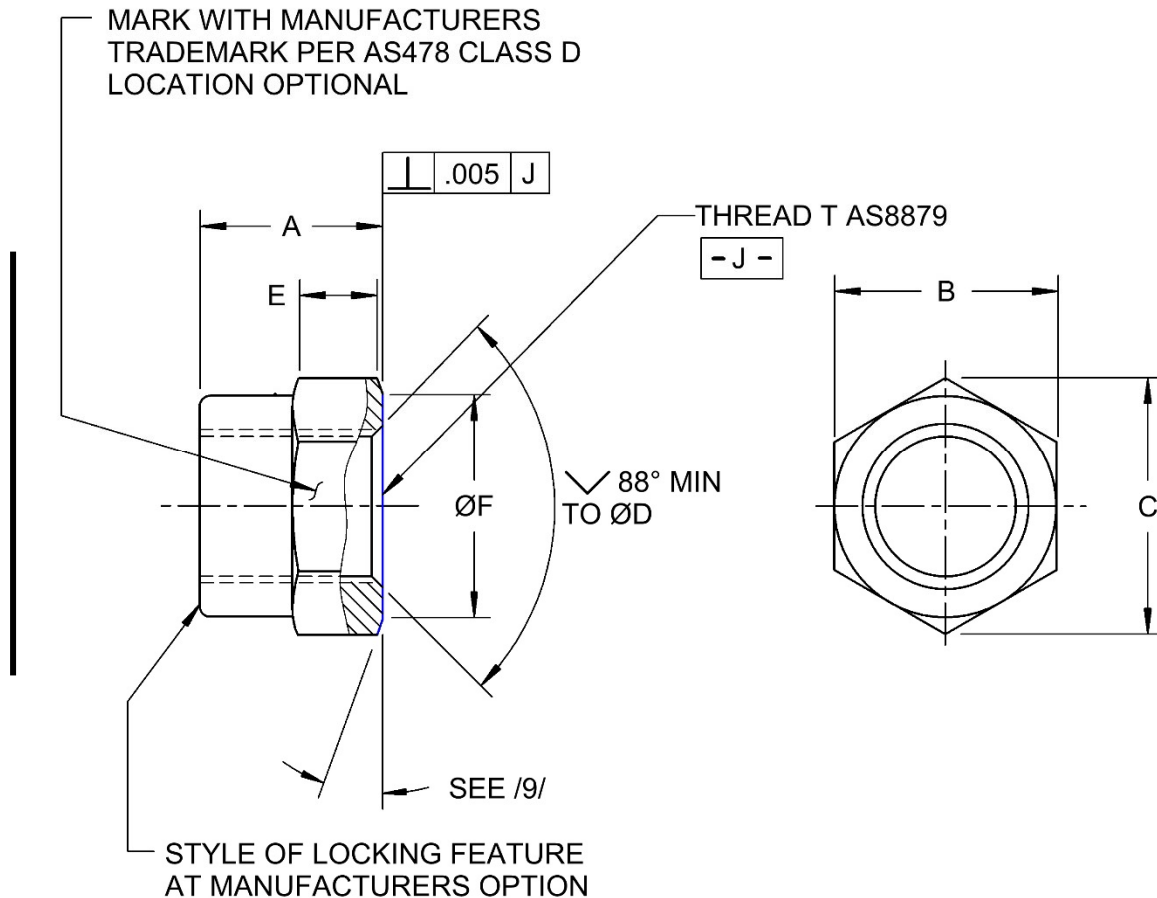
FEDERAL SUPPLY CLASS
5310

RATIONALE

NOTES FOR PROCUREMENT SPECIFICATION AND EXCEPTIONS REARRANGED FOR CLARITY OF INTENT, FIGURE 1 REDRAWN, E AND ØF DIMENSION CALLOUTS CORRECTED, UPDATE FORMATS TO ASME Y14.5M, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL EDITORIAL UPDATES.

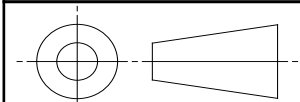
AS3483C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

A REAFFIRMED STATUS IS GIVEN TO TECHNICAL REPORTS THAT HAVE BEEN REVIEWED BY THE TECHNICAL COMMITTEE AND DEEMED TO BE CURRENT WITH NO NEED FOR IMMEDIATE REVISION. NO CHANGES HAVE BEEN MADE TO THIS DOCUMENT AS A RESULT OF THIS REVIEW.



For more information on this standard, visit
<https://www.sae.org/standards/content/AS3483C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4393 /2/



AEROSPACE STANDARD

NUT, SELF LOCKING, HEXAGON,
REGULAR HEIGHT, UNS S66286,
CLASS: 125 KSI/800 °F

AS3483™
SHEET 1 OF 2

REV.
C

Documents

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TABLE 1 - PART NUMBERS, DIMENSIONS, AXIAL STRENGTH, AND APPROX MASS

PART NUMBER	T THREAD	A	B	C MIN	ØD ±.020	E MIN	ØF MIN	AXIAL STRENGTH LBF MIN	APPROX MASS LB/100
AS3483-01	.1380-32UNJC-3B	.160- .188	.305- .313	.339	.161	.072	.285	1130	.30
AS3483-02	.1640-32UNJC-3B	.219- .250	.336- .345	.374	.188	.091	.316	1720	.50
AS3483-03	.1900-32UNJF-3B	.208- .250	.367- .376	.410	.210	.085	.347	2460	.58
AS3483-04	.2500-28UNJF-3B	.240- .328	.430- .439	.482	.273	.116	.410	4580	.99
AS3483-05	.3125-24UNJF-3B	.271- .360	.492- .502	.552	.336	.123	.472	7390	1.40
AS3483-06	.3750-24UNJF-3B	.318- .469	.553- .564	.622	.398	.153	.533	11450	2.15
AS3483-07	.4375-20UNJF-3B	.435- .469	.679- .690	.766	.467	.178	.659	15450	3.40
AS3483-08	.5000-20UNJF-3B	.575- .610	.741- .752	.837	.531	.221	.721	21110	4.70
AS3483-09	.5625-18UNJF-3B	.623- .704	.865- .877	.978	.594	.243	.845	26810	7.80
AS3483-10	.6250-18UNJF-3B	.732- .766	.928- .940	1.051	.656	.274	.908	34130	9.50
AS3483-11	.7500-16UNJF-3B	.855- .891	1.052-1.064	1.191	.787	.316	1.032	50020	13.60
AS3483-12	.8750-14UNJF-3B	.965-1.016	1.239-1.252	1.403	.918	.570	1.219	68440	21.00
AS3483-13	1.0000-12UNJF-3B	1.010-1.141	1.427-1.440	1.615	1.044	.635	1.407	92180	31.00
AS3483-14	1.1250-12UNJF-3B	1.130-1.266	1.614-1.627	1.826	1.171	.710	1.594	116700	46.00
AS3483-15	1.2500-12UNJF-3B	1.300-1.454	1.801-1.814	2.038	1.295	.795	1.781	147940	65.00

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT ALLOY AMS5731 OR AMS5734 (COMPOSITION SIMILAR TO UNS S66286).
- /2/ PROCUREMENT SPECIFICATION: AS4393 EXCEPT AS FOLLOWS:
 - a. HEAT TREATMENT: AFTER FORMING, NUTS SHALL BE PRECIPITATION HEAT TREATED TO MEET HARDNESS SPECIFIED IN NOTE 2d.
 - b. BAKE AT 800 °F ± 15 °F IN LIEU OF 1200 °F FOR NUTS TESTED AFTER BAKE.
 - c. COMPLETELY RECRYSTALLIZED MICROSTRUCTURE IS NOT REQUIRED.
 - d. HARDNESS: 44 HRC MAXIMUM.
3. FINISH: SILVER PLATE PER AMS2411; PLATING IS PERMITTED ONLY ON THREADS WITH OPTIONAL COVERAGE ON COUNTERSINK. DIMENSIONS APPLY AFTER PLATING.
4. REMOVE BURRS AND SHARP EDGES.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
6. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1982 (ASME PUBLICATION).
7. DIMENSIONS ARE IN INCHES.
8. DO NOT USE UNASSIGNED PART NUMBERS.
- /9/ 30° ± 5° CHAMFER OR RADIUS PERMISSIBLE AS LONG AS "E" MINIMUM AND "F" DIAMETER ARE MET.
10. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
11. 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.

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	AEROSPACE STANDARD	AS3483™ SHEET 2 OF 2 	REV. 
	NUT, SELF LOCKING, HEXAGON, REGULAR HEIGHT, UNS S66286, CLASS: 125 KSI/800 °F		



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