

REV.
C

SAE AS9360

FEDERAL SUPPLY CLASS
5310

RATIONALE

REVISE THREAD SPECIFICATION TO AS8879, UPDATE FPI REQUIREMENTS, UPDATE POSITIONAL TOLERANCE ON DRILLED HOLES, FIGURE 1 REDRAWN AND EDITORIAL UPDATE.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9360B, NOTICE 1. THIS SAE STANDARD MAY RETAIN 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 QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

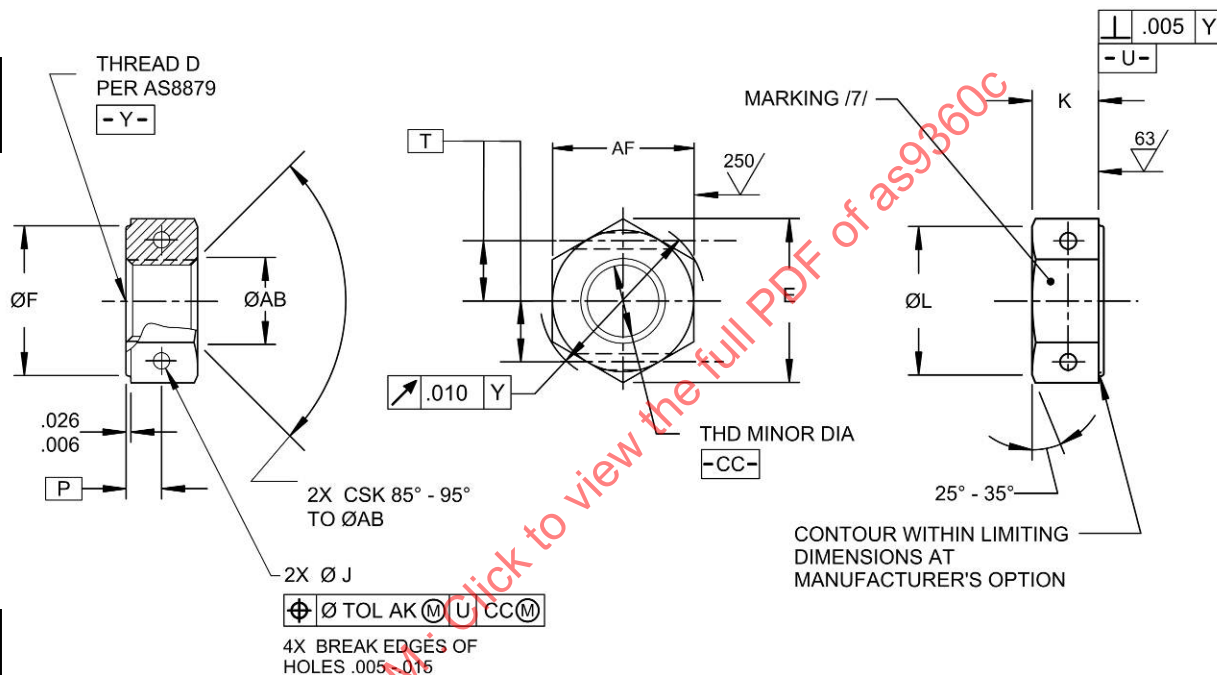


FIGURE 1 - NUT

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

SAE Aerospace
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AEROSPACE STANDARD

NUT, PLAIN, HEXAGON - DRILLED,
SILVER PLATED - UNS S66286,
130 KSI MIN

SAE AS9360
SHEET 1 OF 3

REV.
C

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ISSUED 1999-12 REAFFIRMED 2007-06 REVISED 2013-07

TABLE 1A – PART NUMBERS AND DIMENSIONS D, AF, E, F, AB, K, AND L

PART NUMBER	D THREAD	AF	E MIN	F MIN	ØAB	K	L MIN
MS9360-04	.1120-48 UNJF-3B	.243-.251	.268	.240	.112-.132	.126-.146	.240
MS9360-06	.1380-40 UNJF-3B	.305-.313	.339	.302	.138-.158	.126-.146	.302
MS9360-08	.1640-36 UNJF-3B	.336-.345	.375	.334	.164-.194	.126-.146	.334
MS9360-09	.1900-32 UNJF-3B	.367-.376	.410	.365	.190-.220	.146-.166	.365
MS9360-10	.2500-28 UNJF-3B	.429-.439	.481	.428	.250-.280	.209-.229	.428
MS9360-11	.3125-24 UNJF-3B	.492-.502	.552	.490	.312-.342	.256-.276	.490
MS9360-12	.3750-24 UNJF-3B	.553-.564	.623	.552	.375-.405	.318-.338	.552
MS9360-13	.4375-20 UNJF-3B	.679-.690	.765	.678	.438-.468	.365-.385	.678
MS9360-14	.5000-20 UNJF-3B	.741-.752	.836	.740	.500-.535	.428-.448	.740
MS9360-15	.5625-18 UNJF-3B	.865-.877	.978	.865	.562-.597	.474-.494	.865
MS9360-16	.6250-18 UNJF-3B	.928-.940	1.049	.928	.625-.660	.537-.557	.928
MS9360-17	.7500-16 UNJF-3B	1.052-1.064	1.192	1.052	.750-.785	.646-.666	1.052
MS9360-18	.8750-14 UNJF-3B	1.239-1.252	1.405	1.239	.875-.910	.756-.776	1.240
MS9360-19	1.0000-12 UNJF-3B	1.427-1.440	1.619	1.427	1.000-1.035	.865-.885	1.428

TABLE 1B – PART NUMBERS AND DIMENSIONS J, P, T, AK, AND APPROX. MASS

PART NUMBER	J	P	T	AK	APPROX. MASS LB/100
MS9360-04	.027-.035	.068	.090	.005	.17
MS9360-06	.043-.051	.068	.115	.005	.27
MS9360-08	.043-.051	.068	.135	.005	.32
MS9360-09	.043-.051	.078	.150	.005	.37
MS9360-10	.043-.051	.110	.185	.005	.75
MS9360-11	.043-.051	.133	.215	.005	1.11
MS9360-12	.043-.051	.164	.245	.010	1.63
MS9360-13	.066-.074	.187	.300	.010	2.93
MS9360-14	.066-.074	.219	.335	.010	3.84
MS9360-15	.066-.074	.362	.385	.010	6.04
MS9360-16	.066-.074	.400	.420	.010	7.50
MS9360-17	.066-.074	.485	.490	.010	10.69
MS9360-18	.066-.074	.570	.555	.010	17.50
MS9360-19	.066-.074	.655	.655	.010	26.78

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5732 OR AMS5737 (UNS S66286).
2. SURFACE FINISH: SILVER PLATE PER AMS2410. .0002 TO .0006 THICK ON THREAD AT PD. DIMENSIONS ARE AFTER PLATING.
3. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
4. FLUORESCENT PENETRANT INSPECTION BEFORE PLATING PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN AND AS5447.
5. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).

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	NUT, PLAIN, HEXAGON - DRILLED, SILVER PLATED - UNS S66286, 130 KSI MIN		