

REV.
C

SAE AS9360

RATIONALE

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

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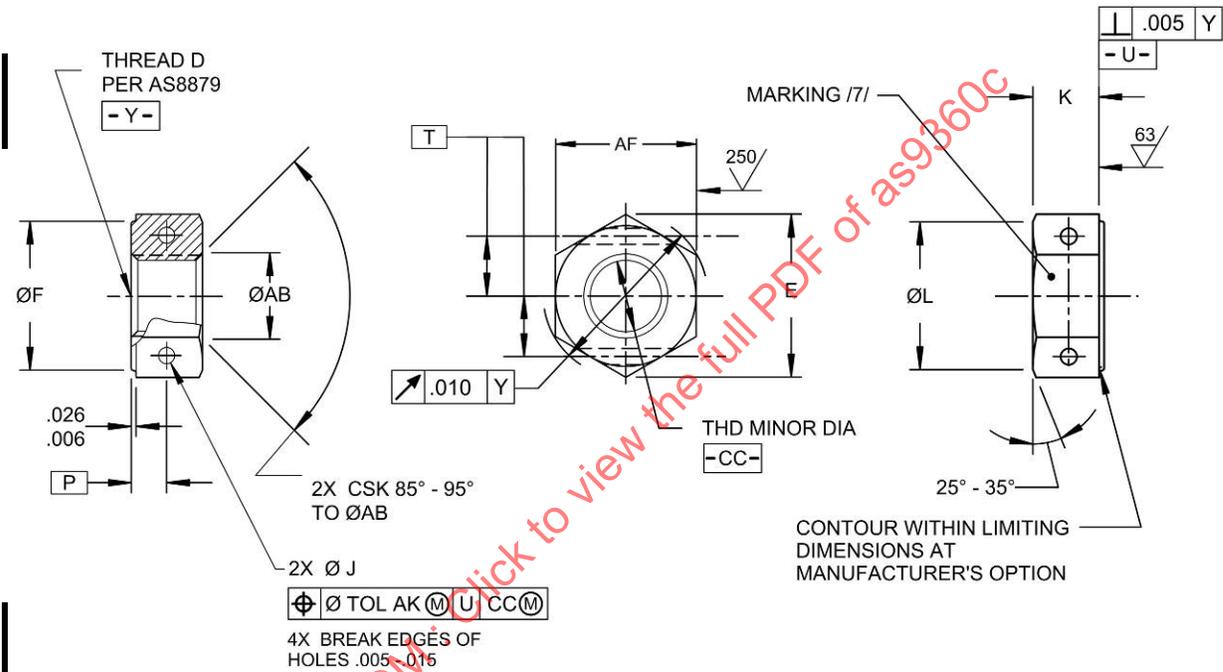
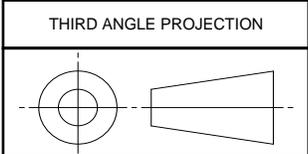


FIGURE 1 - NUT

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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

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:

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

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