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REV.
B

AS9882

FEDERAL SUPPLY CLASS
5310

RATIONALE

DOCUMENT FULLY UPDATED TO INCLUDE LATEST THREAD SPEC., TABLE RE-TYPED, PART NUMBER FOR AS9882-05 CORRECTED TO AS9882-06 AND PART NUMBER FOR AS9882-06 CORRECTED TO AS9882-08 AND NOTES UPDATED.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9882, 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 QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

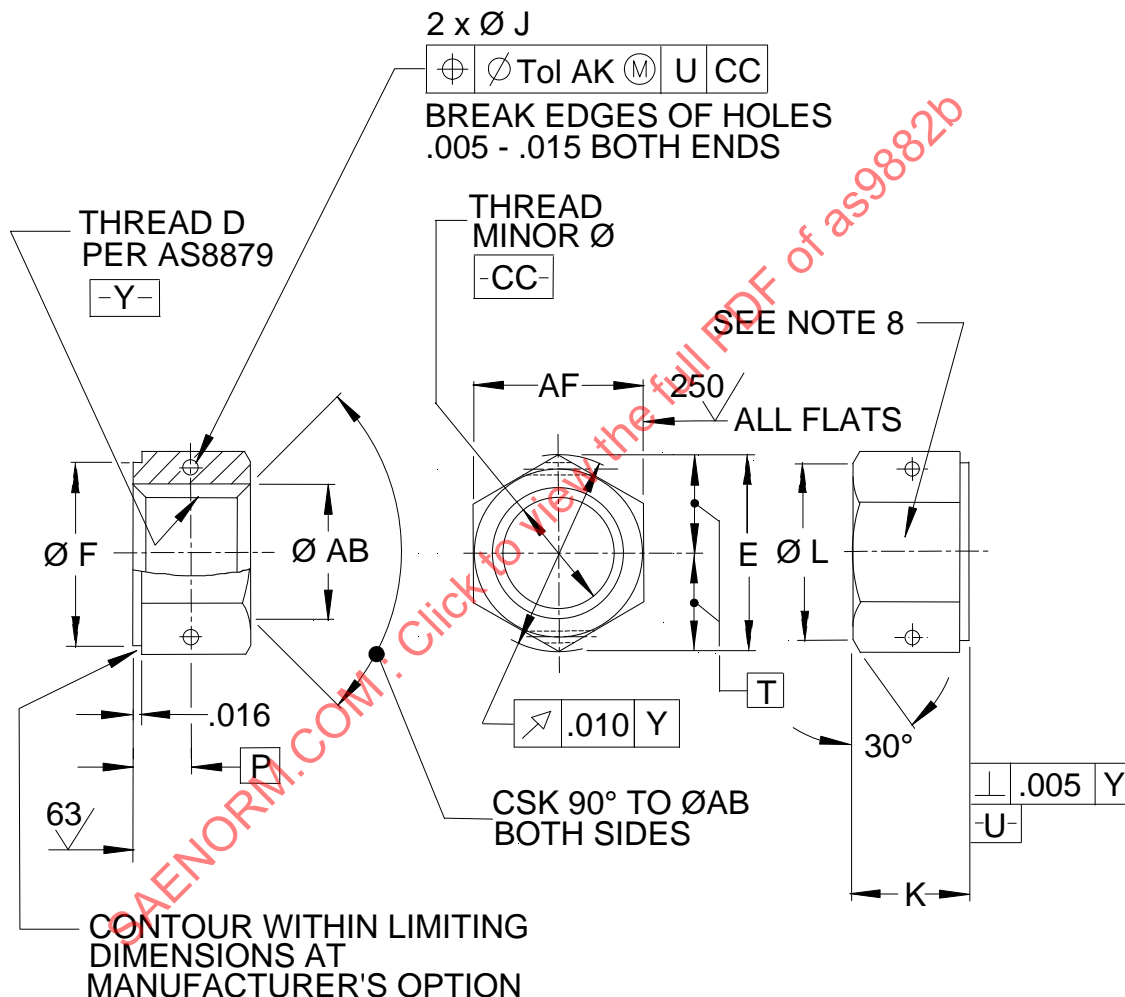
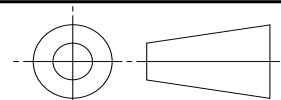


FIGURE 1

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS9882B>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

(R) NUT, PLAIN, HEXAGON - DRILLED,
CADMIUM PLATED - UNS G878400,
125 KSI MIN

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	D NOMINAL THREAD	AF	E MIN	F MIN	AB	K	L MIN
MS9882-04	.1120-48 UNJF-3B	.243 - .251	.268	.240	.112 - .132	.136	.240
MS9882-06	.1380-40 UNJF-3B	.305 - .313	.339	.302	.138 - .158	.136	.302
MS9882-08	.1640-36 UNJF-3B	.336 - .345	.375	.334	.164 - .194	.136	.334
MS9882-09	.1900-32 UNJF-3B	.367 - .376	.410	.365	.190 - .220	.156	.365
MS9882-10	.2500-28 UNJF-3B	.429 - .439	.481	.428	.250 - .280	.219	.428
MS9882-11	.3125-24 UNJF-3B	.492 - .502	.552	.490	.312 - .342	.266	.490
MS9882-12	.3750-24 UNJF-3B	.553 - .564	.623	.552	.375 - .405	.328	.552
MS9882-13	.4375-20 UNJF-3B	.679 - .690	.765	.678	.438 - .468	.375	.678
MS9882-14	.5000-20 UNJF-3B	.741 - .752	.836	.740	.500 - .535	.438	.740
MS9882-15	.5625-18 UNJF-3B	.865 - .877	.978	.865	.562 - .597	.484	.865
MS9882-16	.6250-18 UNJF-3B	.928 - .940	1.049	.928	.625 - .660	.547	.928
MS9882-17	.7500-16 UNJF-3B	1.052 - 1.064	1.192	1.052	.750 - .785	.656	1.052
MS9882-18	.8750-14 UNJF-3B	1.239 - 1.252	1.405	1.239	.875 - .910	.766	1.240
MS9882-19	1.0000-12 UNJF-3B	1.427 - 1.440	1.619	1.427	1.000 - 1.035	.875	1.428

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NUMBER	J	P	T	AK	APPROX MASS LB/100
MS9882-04	.027 - .035	.068	.090	.005	.18
MS9882-06	.043 - .051	.068	.115	.005	.25
MS9882-08	.043 - .051	.068	.135	.005	.30
MS9882-09	.043 - .051	.078	.150	.005	.41
MS9882-10	.043 - .051	.110	.185	.005	.74
MS9882-11	.043 - .051	.133	.215	.005	1.11
MS9882-12	.043 - .051	.164	.245	.010	1.60
MS9882-13	.066 - .074	.187	.300	.010	2.87
MS9882-14	.066 - .074	.219	.335	.010	3.79
MS9882-15	.066 - .074	.362	.385	.010	5.94
MS9882-16	.066 - .074	.400	.420	.010	7.40
MS9882-17	.066 - .074	.485	.490	.010	10.58
MS9882-18	.066 - .074	.570	.555	.010	17.32
MS9882-19	.066 - .074	.655	.655	.010	26.55

NOTES:

NOTICE

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

1. MATERIAL: STEEL AMS6322 (UNS G87400).
2. HARDNESS: 26-32 HRC.
3. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
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 PER ASTM E1444 AND AS5447 AFTER PLATING.
6. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

**AEROSPACE STANDARD**

(R) NUT, PLAIN, HEXAGON - DRILLED,
CADMIUM PLATED - UNS G878400,
125 KSI MIN

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