

REV.
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AS9882

RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9882, NOTICE 1. THIS SAE STANDARD RETAINS 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.

WARNING

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.

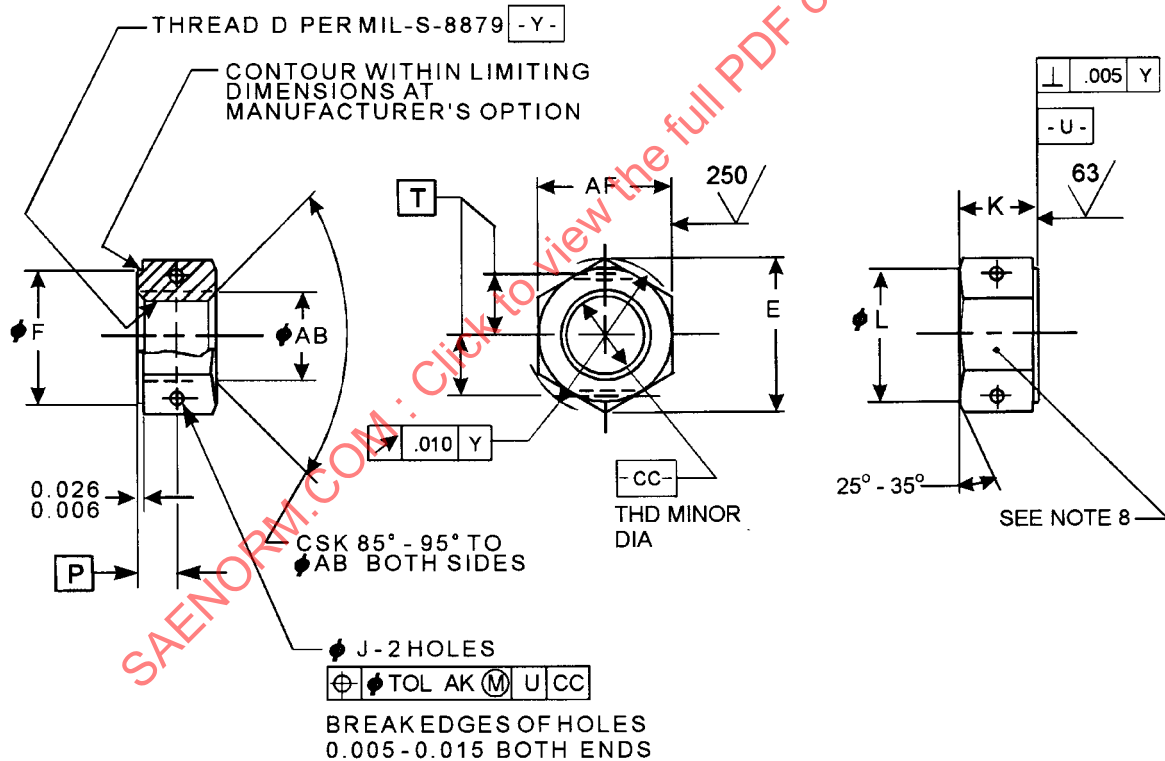
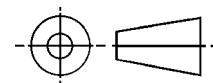


FIGURE 1 - NUT

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

SAE Aerospace
An SAE International Group

(R)

AEROSPACE STANDARD

NUT, PLAIN, HEXAGON - DRILLED,
CADMIUM PLATED - UNS G87400,
125 KSI MIN

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	D NOMINAL THREAD UNJF-3B	AF	E MIN	F MIN	AB	K	L MIN
MS9882-04	.1120-48	0.243 - 0.251	0.268	0.240	0.112 - 0.132	0.126 - 0.146	0.240
MS9882-05	.1380-40	0.305 - 0.313	0.339	0.302	0.138 - 0.158	0.126 - 0.146	0.302
MS9882-08	.1640-36	0.336 - 0.345	0.375	0.334	0.164 - 0.194	0.126 - 0.146	0.334
MS9882-09	.1900-32	0.367 - 0.376	0.410	0.365	0.190 - 0.220	0.146 - 0.166	0.365
MS9882-10	.2500-28	0.429 - 0.439	0.481	0.428	0.250 - 0.280	0.209 - 0.229	0.428
MS9882-11	.3125-24	0.492 - 0.502	0.552	0.490	0.312 - 0.342	0.256 - 0.276	0.490
MS9882-12	.3750-24	0.553 - 0.564	0.623	0.552	0.375 - 0.405	0.318 - 0.338	0.552
MS9882-13	.4375-20	0.679 - 0.690	0.765	0.678	0.438 - 0.468	0.365 - 0.385	0.678
MS9882-14	.5000-20	0.741 - 0.752	0.836	0.740	0.500 - 0.535	0.428 - 0.448	0.740
MS9882-15	.5625-18	0.865 - 0.877	0.978	0.865	0.562 - 0.597	0.474 - 0.494	0.865
MS9882-16	.6250-18	0.928 - 0.940	1.049	0.928	0.625 - 0.660	0.537 - 0.557	0.928
MS9882-17	.7500-16	1.052 - 1.064	1.192	1.052	0.750 - 0.785	0.646 - 0.666	1.052
MS9882-18	.8750-14	1.239 - 1.252	1.405	1.239	0.875 - 0.910	0.756 - 0.776	1.240
MS9882-19	1.0000-12	1.427 - 1.440	1.619	1.427	1.000 - 1.035	0.865 - 0.885	1.428

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	J	P	T	AK	APPROX. MASS LB/100
MS9882-04	0.027 - 0.035	0.068	0.090	0.005	0.18
MS9882-06	0.043 - 0.051	0.068	0.115	0.005	0.25
MS9882-08	0.043 - 0.051	0.068	0.135	0.005	0.30
MS9882-09	0.043 - 0.051	0.078	0.150	0.005	0.41
MS9882-10	0.043 - 0.051	0.110	0.185	0.005	0.74
MS9882-11	0.043 - 0.051	0.133	0.215	0.005	1.11
MS9882-12	0.043 - 0.051	0.164	0.245	0.010	1.60
MS9882-13	0.066 - 0.074	0.187	0.300	0.010	2.87
MS9882-14	0.066 - 0.074	0.219	0.335	0.010	3.79
MS9882-15	0.066 - 0.074	0.362	0.385	0.010	5.94
MS9882-16	0.066 - 0.074	0.400	0.420	0.010	7.40
MS9882-17	0.066 - 0.074	0.485	0.490	0.010	10.58
MS9882-18	0.066 - 0.074	0.570	0.555	0.010	17.32
MS9882-19	0.066 - 0.074	0.655	0.655	0.010	26.55