FEDERAL SUPPLY CLASS
5310

RATIONALE

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

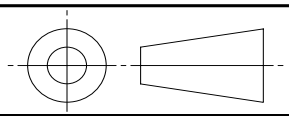
NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9553, 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 SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

ISSUED 1998-10 REVISED 2003-11 REAFFIRMED 2007-06

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

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AEROSPACE STANDARD

(R) NUT - HEXAGON, BOSS CONNECTION,
CRES - UNS S30400, 75 KSI

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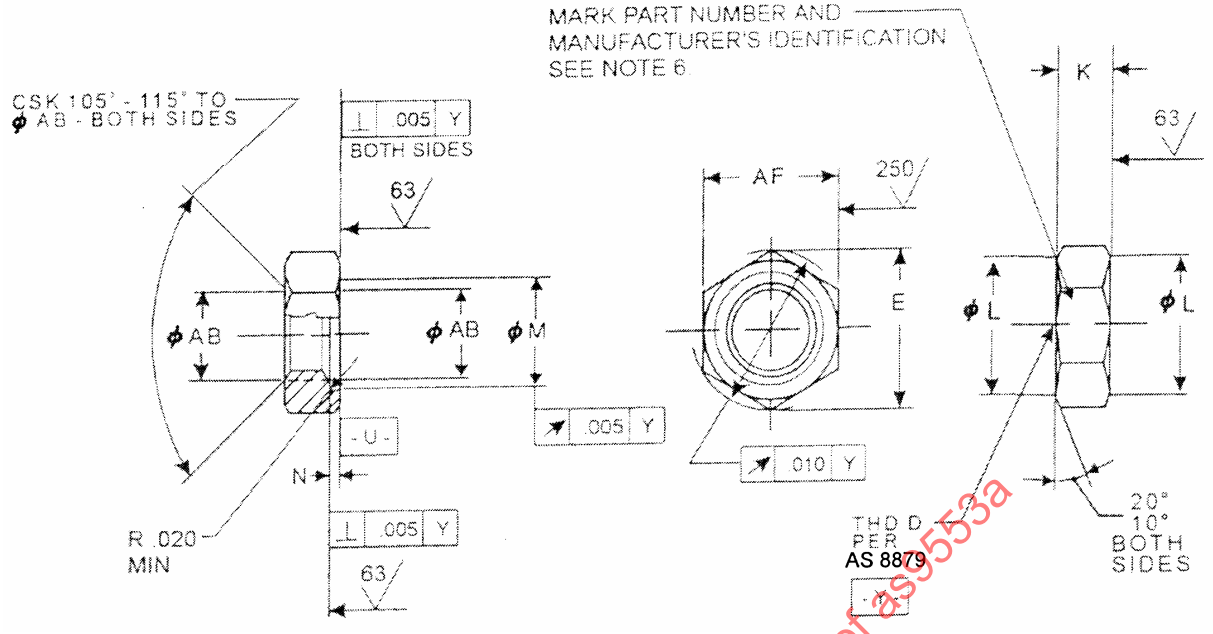

FIGURE 1

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	NOM TUBE OD	D NOMINAL THREAD	AF	E MIN	AB	K
MS9553-02	.125	.3125-24UNJF-3B	0.553-0.564	0.623	0.312-0.332	0.240-0.260
MS9553-03	.188	.3750-24UNJF-3B	0.616-0.627	0.694	0.375-0.395	0.240-0.260
MS9553-04	.250	.4375-20UNJF-3B	0.679-0.690	0.766	0.438-0.458	0.271-0.291
MS9553-05	.312	.5000-20UNJF-3B	0.741-0.752	0.836	0.500-0.520	0.271-0.291
MS9553-06	.375	.5625-18UNJF-3B	0.803-0.814	0.907	0.562-0.582	0.287-0.307
MS9553-07	.438	.6250-18UNJF-3B	0.865-0.877	0.978	0.625-0.645	0.287-0.307
MS9553-08	.500	.7500-16UNJF-3B	0.990-1.002	1.121	0.750-0.770	0.334-0.354
MS9553-09	.562	.8125-16UNJ-3B	1.052-1.064	1.191	0.812-0.832	0.334-0.354
MS9553-10	.625	.8750-14UNJF-3B	1.114-1.127	1.262	0.875-0.895	0.381-0.401
MS9553-11	.688	1.0000-12UNJF-3B	1.301-1.314	1.475	1.000-1.020	0.428-0.448
MS9553-12	.750	1.0625-12UNJ-3B	1.364-1.377	1.547	1.062-1.082	0.428-0.448
MS9553-14	.875	1.1875-12UNJ-3B	1.489-1.502	1.690	1.188-1.208	0.428-0.448
MS9553-16	1.000	1.3125-12UNJ-3B	1.614-1.627	1.833	1.312-1.332	0.428-0.448
MS9553-18	1.125	1.5000-12UNJ-3B	1.800-1.814	2.045	1.500-1.520	0.428-0.448
MS9553-20	1.250	1.6250-12UNJ-3B	1.926-1.940	2.189	1.625-1.645	0.428-0.448
MS9553-24	1.500	1.8750-12UNJ-3B	2.176-2.190	2.474	1.875-1.995	0.428-0.448
MS9553-28	1.750	2.2500-12UNJ-3B	2.549-2.564	2.899	2.250-1.270	0.428-0.448
MS9553-32	2.000	2.5000-12UNJ-3B	2.799-2.814	3.185	2.500-2.520	0.428-0.448