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REV. A

AS9553

FEDERAL SUPPLY CLASS
5310

RATIONALE

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

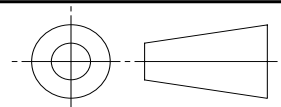
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AEROSPACE STANDARD

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

AS9553
SHEET 1 OF 3

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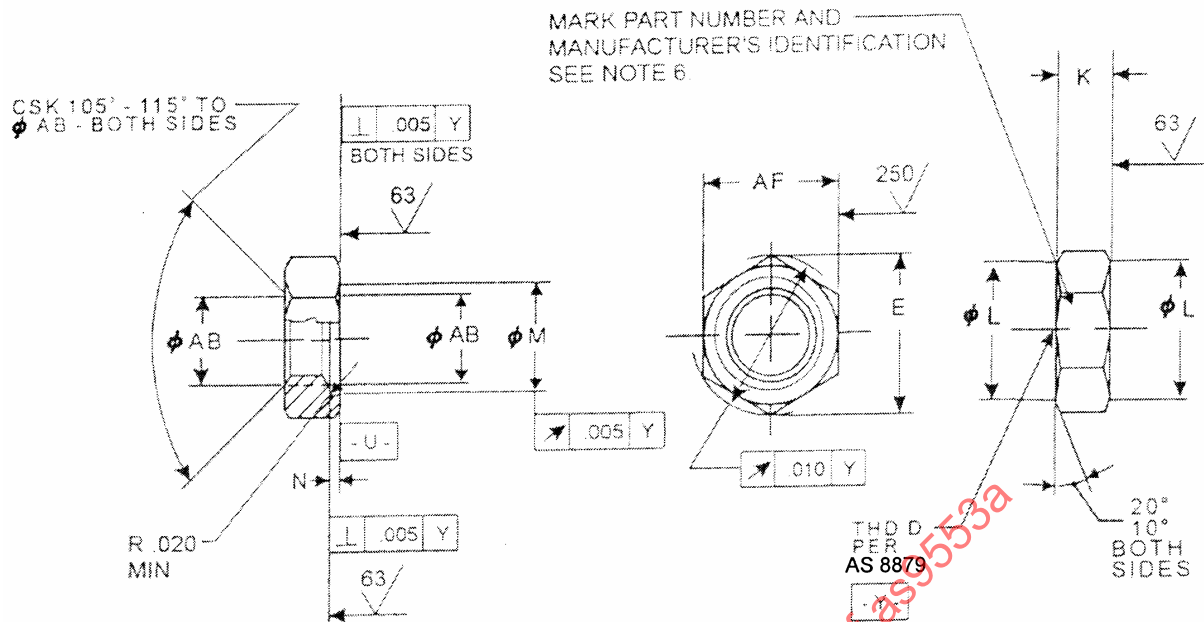


FIGURE 1

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