

RATIONALE

AS172321A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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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.

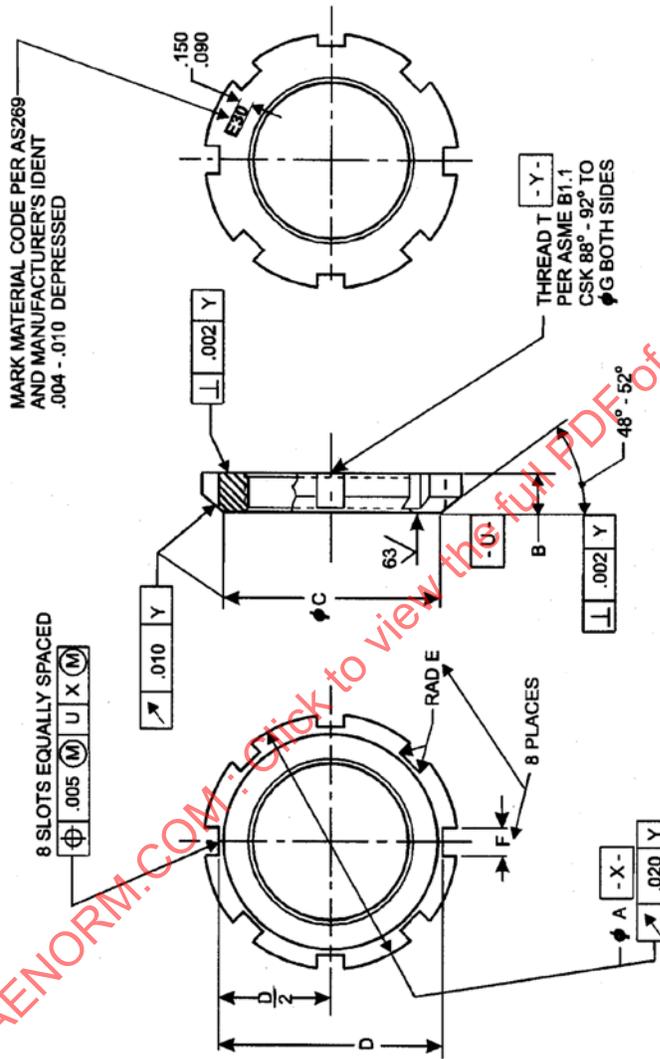
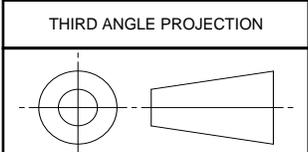


FIGURE 1 - NUT

INACTIVE FOR NEW DESIGN AFTER 1984-02-28
FOR PARTS WITH UNJ THREADS PER MIL-S-8879 SEE AS3163

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, SPANNER, AERONAUTICAL,
UNS G41400

**SAE AS172321
THRU AS172370**
SHEET 1 OF 3

REV. A

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REV. A
**SAE AS172321
THRU AS172370**

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	THREAD - T	A	B	C	D	E	F	G	APPROX. MASS LB
MS172321	.5000 - 28 UNEF - 3B	1.032 - 1.052	.178 - .198	.839 - .859	.912 - .932	.000 - .020	.120 - .130	.500 - .520	.030
MS172322	.5625 - 24 NEF - 3B	1.094 - 1.114	.209 - .229	.902 - .922	.974 - .994	.000 - .020	.120 - .130	.562 - .582	.039
MS172323	.6250 - 24 NEF - 3B	1.157 - 1.177	.209 - .229	.964 - .984	1.037 - 1.057	.000 - .020	.120 - .130	.625 - .645	.042
MS172324	.6875 - 24 NEF - 3B	1.297 - 1.317	.209 - .229	1.105 - 1.125	1.178 - 1.198	.000 - .020	.120 - .130	.688 - .708	.054
MS172325	.7500 - 20 UNEF - 3B	1.376 - 1.396	.240 - .260	1.183 - 1.203	1.256 - 1.276	.005 - .025	.178 - .198	.750 - .770	.068
MS172326	.8125 - 20 UNEF - 3B	1.454 - 1.474	.240 - .260	1.261 - 1.281	1.334 - 1.354	.005 - .025	.178 - .198	.812 - .832	.075
MS172327	.8750 - 20 UNEF - 3B	1.516 - 1.536	.240 - .260	1.324 - 1.344	1.396 - 1.416	.005 - .025	.178 - .198	.875 - .895	.079
MS172328	.9375 - 20 UNEF - 3B	1.579 - 1.599	.240 - .260	1.386 - 1.406	1.459 - 1.479	.005 - .025	.178 - .198	.938 - .958	.084
MS172329	1.0000 - 20 UNEF - 3B	1.704 - 1.724	.271 - .291	1.449 - 1.469	1.521 - 1.541	.005 - .025	.178 - .198	1.000 - 1.020	.105
MS172330	1.0625 - 18 NEF - 3B	1.797 - 1.817	.271 - .291	1.542 - 1.562	1.615 - 1.635	.005 - .025	.178 - .198	1.062 - 1.082	.117
MS172331	1.1250 - 18 NEF - 3B	1.860 - 1.880	.271 - .291	1.605 - 1.625	1.678 - 1.698	.005 - .025	.178 - .198	1.125 - 1.145	.123
MS172332	1.1875 - 18 NEF - 3B	1.923 - 1.943	.271 - .291	1.668 - 1.688	1.740 - 1.760	.005 - .025	.178 - .198	1.188 - 1.208	.129
MS172333	1.2500 - 18 NEF - 3B	1.985 - 2.005	.271 - .291	1.730 - 1.750	1.802 - 1.822	.005 - .025	.178 - .198	1.250 - 1.270	.134
MS172334	1.3125 - 18 NEF - 3B	2.047 - 2.067	.271 - .291	1.792 - 1.812	1.865 - 1.885	.005 - .025	.178 - .198	1.312 - 1.332	.140
MS172335	1.3750 - 18 NEF - 3B	2.110 - 2.130	.271 - .291	1.855 - 1.875	1.928 - 1.948	.005 - .025	.178 - .198	1.375 - 1.395	.146
MS172336	1.4375 - 18 NEF - 3B	2.173 - 2.193	.271 - .291	1.918 - 1.938	1.990 - 2.010	.010 - .030	.240 - .260	1.438 - 1.458	.149
MS172337	1.5000 - 18 NEF - 3B	2.235 - 2.255	.271 - .291	1.980 - 2.000	2.052 - 2.072	.010 - .030	.240 - .260	1.500 - 1.520	.154
MS172338	1.5625 - 18 NEF - 3B	2.297 - 2.317	.271 - .291	2.042 - 2.062	2.115 - 2.135	.010 - .030	.240 - .260	1.562 - 1.582	.160
MS172339	1.6250 - 18 NEF - 3B	2.360 - 2.380	.302 - .322	2.105 - 2.125	2.178 - 2.198	.010 - .030	.240 - .260	1.625 - 1.645	.186
MS172340	1.6875 - 18 NEF - 3B	2.423 - 2.443	.302 - .322	2.168 - 2.188	2.240 - 2.260	.010 - .030	.240 - .260	1.688 - 1.708	.192
MS172341	1.7500 - 16 UN - 3B	2.516 - 2.536	.302 - .322	2.261 - 2.281	2.334 - 2.354	.010 - .030	.240 - .260	1.750 - 1.770	.210
MS172342	1.8125 - 16 N - 3B	2.579 - 2.599	.302 - .322	2.324 - 2.344	2.396 - 2.416	.010 - .030	.240 - .260	1.812 - 1.832	.216
MS172343	1.8750 - 16 N - 3B	2.641 - 2.661	.302 - .322	2.386 - 2.406	2.458 - 2.478	.010 - .030	.240 - .260	1.875 - 1.895	.223
MS172344	1.9375 - 16 N - 3B	2.704 - 2.724	.302 - .322	2.449 - 2.469	2.521 - 2.541	.010 - .030	.240 - .260	1.938 - 1.958	.230
MS172345	2.0000 - 16 UN - 3B	2.766 - 2.786	.302 - .322	2.511 - 2.531	2.584 - 2.604	.010 - .030	.240 - .260	2.000 - 2.020	.236
MS172346	2.0625 - 16 N - 3B	2.829 - 2.849	.302 - .322	2.574 - 2.594	2.646 - 2.666	.010 - .030	.240 - .260	2.062 - 2.082	.243
MS172347	2.1250 - 16 N - 3B	2.891 - 2.911	.302 - .322	2.636 - 2.656	2.709 - 2.729	.010 - .030	.240 - .260	2.125 - 2.145	.249
MS172348	2.1875 - 16 N - 3B	2.954 - 2.974	.302 - .322	2.699 - 2.719	2.771 - 2.791	.010 - .030	.240 - .260	2.188 - 2.208	.256
MS172349	2.2500 - 16 UN - 3B	3.016 - 3.036	.302 - .322	2.761 - 2.781	2.834 - 2.854	.010 - .030	.240 - .260	2.250 - 2.270	.263
MS172350	2.3125 - 16 N - 3B	3.079 - 3.099	.302 - .322	2.824 - 2.844	2.896 - 2.916	.010 - .030	.240 - .260	2.312 - 2.332	.269
MS172351	2.3750 - 16 N - 3B	3.141 - 3.161	.302 - .322	2.886 - 2.906	2.959 - 2.979	.010 - .030	.240 - .260	2.375 - 2.395	.276
MS172352	2.4375 - 16 N - 3B	3.204 - 3.224	.302 - .322	2.949 - 2.969	3.021 - 3.041	.010 - .030	.240 - .260	2.438 - 2.458	.283
MS172353	2.5000 - 16 UN - 3B	3.266 - 3.286	.302 - .322	3.011 - 3.031	3.084 - 3.104	.010 - .030	.240 - .260	2.500 - 2.520	.289