REV.
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AS172236 THRU
AS172270

FEDERAL SUPPLY CLASS
5310

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 MS172236 THRU MS172270 REVISION B, 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.
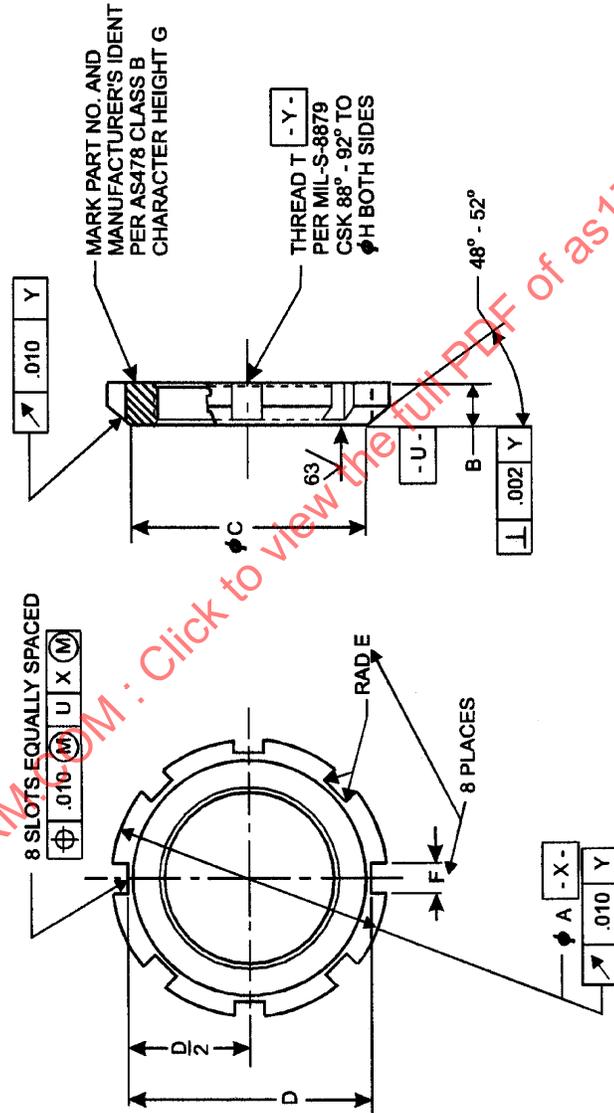
FIGURE 1 - NUT

THIRD ANGLE PROJECTION

ISSUED 2000-08   REVISED 2003-03   REAFFIRMED 2007-06
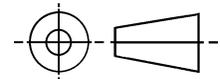
PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE & PROPULSION SYSTEMS

SAE Aerospace
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AEROSPACE STANDARD

(R)   NUT, SPANNER, BEARING RETAINING,
AERONAUTICAL, UNS G41400

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	NOMINAL BEARING BORE DIAMETER (REF) INCH	mm	THREAD T THREAD DESIGNATION	MINOR DIAMETER	PITCH DIAMETER	MAJOR DIAMETER	A	B	C	D
MS172236	.3937	10	.391 - 32 UNJS - 3B	.3606 - .3649	.3707 - .3733	.391	.704 - .724	.173 - .193	.511 - .531	.584 - .604
MS172237	.4724	12	.469 - 32 UNJS - 3B	.4386 - .4429	.4487 - .4513	.469	.797 - .817	.173 - .193	.605 - .625	.678 - .698
MS172238	.5906	15	.586 - 32 UNJS - 3B	.5556 - .5599	.5657 - .5687	.586	.923 - .943	.209 - .229	.730 - .750	.802 - .822
MS172239	.6693	17	.664 - 32 UNJS - 3B	.6336 - .6366	.6437 - .6467	.664	1.047 - 1.067	.209 - .229	.855 - .875	.928 - .948
MS172240	.7874	20	.781 - 32 UNJS - 3B	.7506 - .7540	.7607 - .7641	.781	1.173 - 1.193	.240 - .260	.980 - 1.000	1.052 - 1.072
MS172241	.9843	25	.969 - 32 UNJS - 3B	.9386 - .9420	.9487 - .9521	.969	1.360 - 1.380	.240 - .260	1.168 - 1.188	1.240 - 1.260
MS172242	1.1811	30	1.173 - 18 UNJS - 3B	1.1189 - 1.1230	1.1369 - 1.1409	1.173	1.673 - 1.693	.271 - .291	1.418 - 1.438	1.490 - 1.510
MS172243	1.3780	35	1.376 - 18 UNJS - 3B	1.3219 - 1.3260	1.3399 - 1.3439	1.376	1.891 - 1.911	.271 - .291	1.636 - 1.656	1.709 - 1.729
MS172244	1.5748	40	1.563 - 18 UNJS - 3B	1.5089 - 1.5134	1.5269 - 1.5314	1.563	2.079 - 2.099	.271 - .291	1.824 - 1.844	1.896 - 1.916
MS172245	1.7717	45	1.767 - 18 UNJS - 3B	1.7129 - 1.7174	1.7309 - 1.7354	1.767	2.297 - 2.317	.302 - .322	2.042 - 2.062	2.115 - 2.135
MS172246	1.9685	50	1.967 - 18 UNJS - 3B	1.9129 - 1.9174	1.9309 - 1.9354	1.967	2.485 - 2.505	.302 - .322	2.230 - 2.250	2.302 - 2.322
MS172247	2.1654	55	2.157 - 18 UNJS - 3B	2.1029 - 2.1080	2.1209 - 2.1260	2.157	2.735 - 2.755	.302 - .322	2.480 - 2.500	2.552 - 2.572
MS172248	2.3622	60	2.360 - 18 UNJS - 3B	2.3059 - 2.3110	2.3239 - 2.3290	2.360	2.923 - 2.943	.334 - .354	2.668 - 2.688	2.740 - 2.760
MS172249	2.5591	65	2.548 - 18 UNJS - 3B	2.4939 - 2.4990	2.5119 - 2.5170	2.548	3.110 - 3.130	.334 - .354	2.855 - 2.875	2.928 - 2.948
MS172250	2.7559	70	2.751 - 18 UNJS - 3B	2.6969 - 2.7020	2.7149 - 2.7200	2.751	3.329 - 3.349	.334 - .354	3.074 - 3.094	3.146 - 3.166
MS172251	2.9528	75	2.933 - 12 UNJS - 3B	2.8518 - 2.8572	2.8789 - 2.8843	2.933	3.673 - 3.693	.365 - .385	3.355 - 3.375	3.428 - 3.448
MS172252	3.1496	80	3.137 - 12 UNJS - 3B	3.0558 - 3.0617	3.0829 - 3.0888	3.137	3.891 - 3.911	.365 - .385	3.574 - 3.594	3.646 - 3.666
MS172253	3.3465	85	3.340 - 12 UNJS - 3B	3.2588 - 3.2662	3.2859 - 3.2933	3.340	4.110 - 4.130	.365 - .385	3.792 - 3.812	3.865 - 3.885
MS172254	3.5433	90	3.527 - 12 UNJS - 3B	3.4458 - 3.4532	3.4729 - 3.4803	3.527	4.297 - 4.317	.365 - .385	3.980 - 4.000	4.052 - 4.072
MS172255	3.7402	95	3.730 - 12 UNJS - 3B	3.6488 - 3.6562	3.6759 - 3.6833	3.730	4.516 - 4.536	.396 - .416	4.199 - 4.219	4.271 - 4.291
MS172256	3.9370	100	3.918 - 12 UNJS - 3B	3.8368 - 3.8442	3.8639 - 3.8713	3.918	4.704 - 4.724	.396 - .416	4.386 - 4.406	4.459 - 4.479
MS172257	4.1339	105	4.122 - 12 UNJS - 3B	4.0408 - 4.0491	4.0679 - 4.0762	4.122	4.891 - 4.911	.396 - .416	4.574 - 4.594	4.646 - 4.666
MS172258	4.3307	110	4.325 - 12 UNJS - 3B	4.2438 - 4.2521	4.2709 - 4.2792	4.325	5.110 - 5.130	.396 - .416	4.792 - 4.812	4.865 - 4.885

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