

REV.
C

SAE AS172236
THRU AS172270

FEDERAL SUPPLY CLASS
5310

RATIONALE

DOCUMENT MADE INACTIVE FOR NEW DESIGNS A NEW STANDARD INCORPORATING PHOSPHATE TREATMENT IS AVAILABLE [AS6140] AND SHOULD BE CONSIDERED FOR NEW DESIGNS.

NOTICE

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.

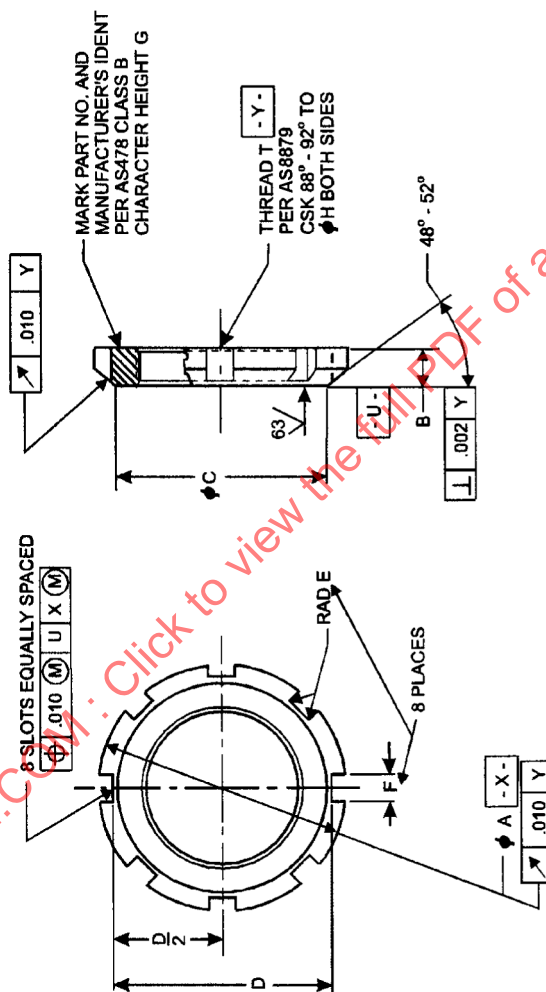
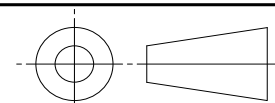


FIGURE 1 - NUT

INACTIVE : SEE NOTE 10

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS172236C>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

NUT, SPANNER,
BEARING RETAINING,
AERONAUTICAL, UNS G41400

SAE AS172236
THRU AS172270
SHEET 1 OF 4

REV.
C

TABLE 1A - PART NUMBERS AND DIMENSIONS

PART NUMBER	NOMINAL BEARING DIA REF	THREAD T /9/				ØA	B
		THREAD DESIGNATION	MINOR DIA	PITCH DIA	MAJOR DIA		
MS172236	.3937	.391-32 UNJS-3B	.3606-3649	.3707-.3733	.391	.704-.724	.173-.193
MS172237	.4724	.469-32 UNJS-3B	.4386-4429	.4487-4513	.469	.797-.817	.173-.193
MS172238	.5906	.586-32 UNJS-3B	.5556-.5599	.5657-.5687	.586	.923-.943	.209-.229
MS172239	.6693	.664-32 UNJS-3B	.6336-.6366	.6437-.6467	.664	1.047-1.067	.209-.229
MS172259	.7474	.781-32 UNJS-3B	.7506-.7540	.7607-.7641	.781	1.173-1.193	.240-.260
MS172241	.9843	.969-32 UNJS-3B	.9386-.9420	.9487-.9521	.969	1.360-1.380	.240-.260
MS172242	1.1811	1.173-18 UNJS-3B	1.1189-1.1230	1.1369-1.1409	1.173	1.673-1.693	.271-.291
MS172243	1.3780	1.376-18 UNJS-3B	1.3219-1.3260	1.3399-1.3439	1.376	1.891-1.911	.271-.291
MS172244	1.5748	1.563-18 UNJS-3B	1.5089-1.5134	1.5269-1.5314	1.563	2.079-2.099	.271-.291
MS172245	1.7717	1.767-18 UNJS-3B	1.7129-1.7174	1.7309-1.7354	1.767	2.297-2.317	.302-.322
MS172246	1.9685	1.967-18 UNJS-3B	1.9129-1.9174	1.9309-1.9354	1.967	2.485-2.505	.302-.322
MS172247	2.1654	2.157-18 UNJS-3B	2.1029-2.1080	2.1209-2.1260	2.157	2.735-2.755	.302-.322
MS172248	2.3622	2.360-18 UNJS-3B	2.3059-2.3110	2.3239-2.3290	2.360	2.923-2.943	.334-.354
MS172249	2.5591	2.548-18 UNJS-3B	2.4939-2.4990	2.5119-2.5170	2.548	3.110-3.130	.334-.354
MS172250	2.7559	2.751-18 UNJS-3B	2.6969-2.7020	2.7149-2.7200	2.751	3.329-3.349	.334-.354
MS172251	2.9528	2.933-12 UNJS-3B	2.8518-2.8572	2.8789-2.8843	2.933	3.673-3.693	.365-.385
MS172252	3.1496	3.137-12 UNJS-3B	3.0558-3.0617	3.0829-3.0888	3.137	3.891-3.911	.365-.385
MS172253	3.3465	3.340-12 UNJS-3B	3.2588-3.2662	3.2859-3.2933	3.340	4.110-4.130	.365-.385
MS172254	3.5433	3.527-12 UNJS-3B	3.4458-3.4532	3.4729-3.4803	3.527	4.297-4.317	.365-.385
MS172255	3.7402	3.730-12 UNJS-3B	3.6488-3.6562	3.6759-3.6833	3.730	4.516-4.536	.396-.416
MS172256	3.9370	3.918-12 UNJS-3B	3.8368-3.8442	3.8639-3.8713	3.918	4.704-4.724	.396-.416
MS172257	4.1339	4.122-12 UNJS-3B	4.0408-4.0491	4.0679-4.0762	4.122	4.891-4.911	.396-.416
MS172258	4.3307	4.325-12 UNJS-3B	4.2438-4.2521	4.2709-4.2792	4.325	5.110-5.130	.396-.416

INACTIVE : SEE NOTE 10

	AEROSPACE STANDARD	SAE AS172236 THRU AS172270 SHEET 2 OF 4	REV. C
	NUT, SPANNER, BEARING RETAINING, AERONAUTICAL, UNS G41400		

TABLE 1B - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NUMBER	ØC	D	E	F	G	ØH	APPROX MASS LBS
MS172236	.511-.531	.584-.604	.000 - .020	.115 - .135	.030 - .090	.391 - .411	.010
MS172237	.605-.625	.678-.698	.000 - .020	.115 - .135	.030 - .090	.469 - .489	.014
MS172238	.730-.750	.802-.822	.000 - .020	.115 - .135	.030 - .090	.586 - .606	.021
MS172239	.855-.875	.928-.948	.000 - .020	.115 - .135	.030 - .090	.664 - .684	.028
MS172259	.980-1.000	1.052-1.072	.005 - .025	.178 - .198	.030 - .090	.781 - .801	.036
MS172241	1.168-1.188	1.240-1.260	.005 - .025	.178 - .198	.030 - .090	.969 - .989	.045
MS172242	1.418-1.438	1.490-1.510	.005 - .025	.178 - .198	.050 - .110	1.173 - 1.193	.055
MS172243	1.636-1.656	1.709-1.729	.005 - .025	.178 - .198	.050 - .110	1.376 - 1.396	.067
MS172244	1.824-1.844	1.896-1.916	.010 - .030	.240 - .260	.050 - .110	1.563 - 1.583	.074
MS172245	2.042-2.062	2.115-2.135	.010 - .030	.240 - .260	.090 - .150	1.767 - 1.787	.134
MS172246	2.230-2.250	2.302-2.322	.010 - .030	.240 - .260	.090 - .150	1.967 - 1.987	.144
MS172247	2.480-2.500	2.552-2.572	.010 - .030	.240 - .260	.090 - .150	2.157 - 2.177	.180
MS172248	2.668-2.688	2.740-2.760	.010 - .030	.240 - .260	.090 - .150	2.360 - 2.380	.211
MS172249	2.855-2.875	2.928-2.948	.010 - .030	.240 - .260	.090 - .150	2.548 - 2.568	.226
MS172250	3.074-3.094	3.146-3.166	.010 - .030	.240 - .260	.090 - .150	2.751 - 2.771	.252
MS172251	3.355-3.375	3.428-3.448	.015 - .035	.365 - .385	.090 - .150	2.933 - 2.953	.371
MS172252	3.574-3.594	3.649-3.666	.015 - .035	.365 - .385	.090 - .150	3.137 - 3.157	.405
MS172253	3.792-3.812	3.865-3.885	.015 - .035	.365 - .385	.090 - .150	3.340 - 3.360	.440
MS172254	3.980-4.000	4.052-4.072	.015 - .035	.365 - .385	.090 - .150	3.527 - 3.547	.464
MS172255	4.199-4.219	4.271-4.291	.015 - .035	.365 - .385	.090 - .150	3.730 - 3.750	.546
MS172256	4.386-4.406	4.459-4.479	.015 - .035	.365 - .385	.090 - .150	3.918 - 3.938	.572
MS172257	4.574-4.594	4.646-4.666	.020 - .040	.490 - .510	.090 - .150	4.122 - 4.142	.577
MS172258	4.792-4.812	4.865-4.885	.020 - .040	.490 - .510	.090 - .150	4.325 - 4.345	.620

INACTIVE: SEE NOTE 10

	AEROSPACE STANDARD	SAE AS172236 THRU AS172270 SHEET 3 OF 4	REV. C
	NUT, SPANNER, BEARING RETAINING, AERONAUTICAL, UNS G41400		