

REV.
B

SAE AS9902

FEDERAL SUPPLY CLASS
5365

RATIONALE

CORRECT OBSOLETE SPECIFICATION REFERENCES, REFORMATED FOR READABILITY AND CORRECT TYPOS REGARDING DATUM REFERENCE "-A-" WAS "-C-" AND COLUMN HEADING "E" WAS "B".

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9902A, AMENDMENT 1. THIS STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LIST (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.

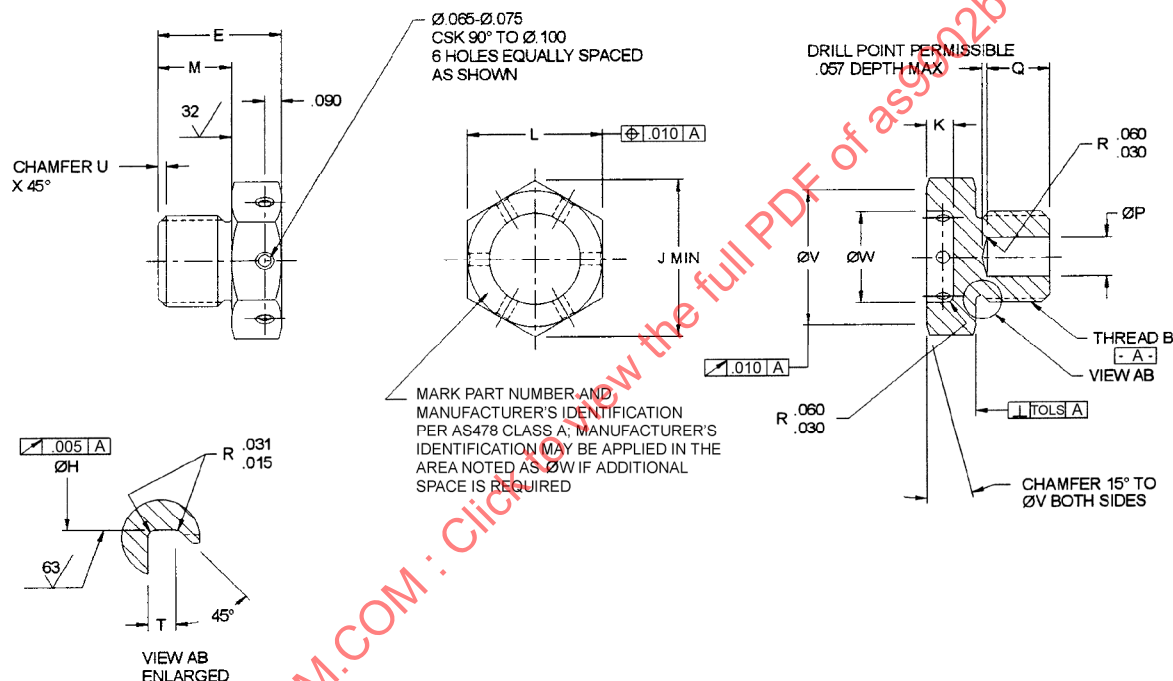
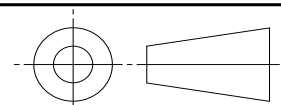


FIGURE 1

THIRD ANGLE PROJECTION



CUSTODIAN: SAE E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) PLUG, MACHINE THREAD DRILLED,
PREFORMED PACKING, AS8879
THREAD (UNS S34700)

SAE AS9902
SHEET 1 OF 3

REV.
B

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ISSUED 1999-10 REVISED 2008-07

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER /7/	B THREAD PER AS8879	E	ØH /5/	J MIN	K	L	M
MS9902-01	.2500-28 UNJF-3A	.550 - .570	.193 - .198	.482	.140 - .160	.430 - .439	.310 - .330
MS9902-02	.3125-24 UNJF-3A	.590 - .610	.247 - .252	.522	.140 - .160	.553 - .564	.350 - .370
MS9902-03	.3750-24 UNJF-3A	.590 - .610	.309 - .314	.694	.140 - .160	.616 - .627	.350 - .370
MS9902-04	.4375-20 UNJF-3A	.650 - .670	.361 - .366	.766	.140 - .160	.679 - .690	.390 - .410
MS9902-05	.5000-20 UNJF-3A	.660 - .680	.423 - .428	.837	.140 - .160	.741 - .752	.390 - .410
MS9902-06	.5625-18 UNJF-3A	.670 - .690	.478 - .483	.907	.140 - .160	.803 - .814	.390 - .410
MS9902-07	.6250-18 UNJF-3A	.720 - .740	.541 - .546	.978	.150 - .170	.865 - .877	.430 - .450
MS9902-08	.7500-16 UNJF-3A	.720 - .740	.657 - .662	1.121	.150 - .170	.990 - 1.002	.430 - .450
MS9902-09	.8125-16 UNJ-3A	.730 - .750	.719 - .724	1.191	.150 - .170	1.052 - 1.064	.430 - .450
MS9902-10	.8750-14 UNJF-3A	.730 - .750	.770 - .775	1.263	.150 - .170	1.115 - 1.127	.430 - .450
MS9902-11	1.0000-12 UNJF-3A	.770 - .790	.879 - .884	1.475	.180 - .200	1.301 - 1.314	.430 - .450
MS9902-12	1.0625-12 UNJ-3A	.820 - .840	.942 - .947	1.475	.190 - .210	1.301 - 1.314	.470 - .490
MS9902-14	1.1875-12 UNJ-3A	.820 - .840	1.067 - 1.072	1.619	.190 - .210	1.427 - 1.440	.470 - .490
MS9902-16	1.3125-12 UNJ-3A	.830 - .850	1.192 - 1.197	1.833	.190 - .210	1.614 - 1.627	.470 - .490
MS9902-18	1.5000-12 UNJF-3A	.830 - .850	1.379 - 1.384	1.974	.190 - .210	1.738 - 1.752	.470 - .490
MS9902-20	1.6250-12 UNJ-3A	.840 - .860	1.504 - 1.509	2.117	.190 - .210	1.863 - 1.877	.470 - .490
MS9902-24	1.8750-12 UNJ-3A	.850 - .870	1.753 - 1.758	2.402	.190 - .210	2.113 - 2.127	.470 - .490
MS9902-28	2.2500-12 UNJ-3A	.860 - .880	2.128 - 2.133	2.830	.190 - .210	2.400 - 2.502	.470 - .490
MS9902-32	2.5000-12 UNJ-3A	.860 - .880	2.378 - 2.383	3.115	.190 - .210	2.738 - 2.752	.470 - .490

PART NUMBER /7/	ØP	Q	TOL S	T	U	ØV	ØW	WEIGHT LB/100 APPROX REF
MS9902-01	-	-	.003	.063 - .078	.020 - .050	.428 - .448	.240 - .260	1.183
MS9902-02	-	-	.003	.063 - .078	.020 - .050	.552 - .572	.302 - .322	2.055
MS9902-03	-	-	.003	.063 - .078	.020 - .050	.615 - .635	.365 - .385	2.646
MS9902-04	-	-	.003	.075 - .090	.030 - .060	.678 - .698	.428 - .448	3.657
MS9902-05	.209 - .229	.330 - .350	.003	.075 - .090	.030 - .060	.740 - .760	.490 - .510	4.277
MS9902-06	.209 - .229	.330 - .350	.003	.083 - .098	.040 - .070	.802 - .822	.552 - .572	5.307
MS9902-07	.302 - .322	.370 - .390	.003	.083 - .098	.040 - .070	.865 - .885	.615 - .635	6.334
MS9902-08	.428 - .448	.390 - .410	.003	.094 - .109	.040 - .070	.990 - 1.010	.740 - .760	7.995
MS9902-09	.490 - .510	.390 - .410	.003	.094 - .109	.040 - .070	1.052 - 1.072	.802 - .822	9.199
MS9902-10	.538 - .558	.390 - .410	.003	.107 - .122	.050 - .080	1.115 - 1.135	.865 - .885	10.122
MS9902-11	.647 - .667	.390 - .410	.005	.125 - .140	.050 - .080	1.302 - 1.322	.990 - 1.010	14.608
MS9902-12	.709 - .729	.390 - .410	.005	.125 - .140	.050 - .080	1.302 - 1.322	.990 - 1.010	15.891
MS9902-14	.834 - .854	.390 - .410	.005	.125 - .140	.050 - .080	1.428 - 1.448	1.115 - 1.135	18.582
MS9902-16	.959 - .979	.390 - .410	.005	.125 - .140	.050 - .080	1.615 - 1.635	1.302 - 1.322	23.416
MS9902-18	1.146 - 1.166	.390 - .410	.005	.125 - .140	.050 - .080	1.740 - 1.760	1.428 - 1.448	27.369
MS9902-20	1.271 - 1.291	.390 - .410	.005	.125 - .140	.050 - .080	1.865 - 1.885	1.552 - 1.572	31.827
MS9902-24	1.521 - 1.541	.390 - .410	.005	.125 - .140	.050 - .080	2.114 - 2.134	1.802 - 1.822	40.949
MS9902-28	1.896 - 1.916	.390 - .410	.005	.125 - .140	.050 - .080	2.490 - 2.510	2.178 - 2.198	56.454
MS9902-32	2.146 - 2.166	.390 - .410	.005	.125 - .140	.050 - .080	2.740 - 2.760	2.428 - 2.448	67.139