

FEDERAL SUPPLY CLASS  
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AS9902

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THIRD ANGLE PROJECTION



ISSUED 1999-10 REVISED 2003-10

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

PLUG, MACHINE THREAD DRILLED,  
PREFORMED PACKING MIL-S-8879  
THREAD

**AS9902**  
SHEET 1 OF 3

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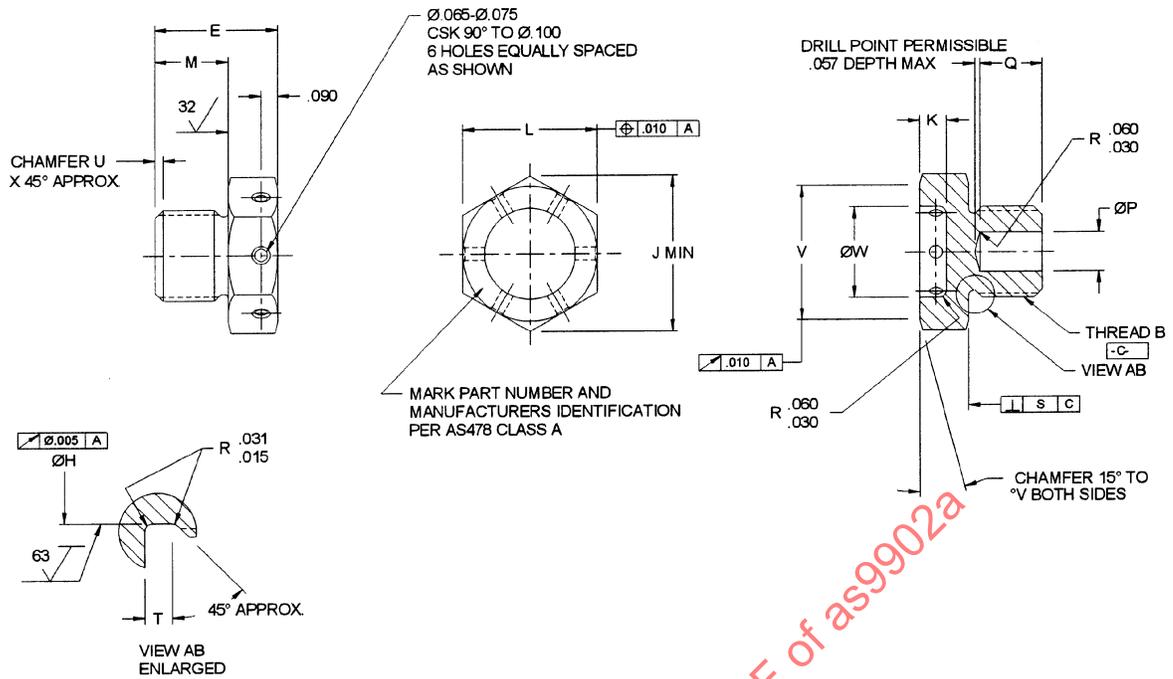


TABLE 1. DASH NUMBER AND DIMENSIONS

DASH NUMBER	THREAD B	B	$\phi H$ +.002 -.003	J MIN	K	L	M	$\phi P$	Q	S	T +.015 -.000	U	V	$\phi W$	APPROX WEIGHT LB/100
01	.250-28 UNJF-3A	.560	.196	.482	.150	.430-.439	.320	-	-	.003	.063	.020-.050	.438	.250	1.183
02	.3125-24 UNJF-3A	.600	.250	.522	.150	.553-.564	.360	-	-	.003	.063	.020-.050	.562	.312	2.055
03	.375-24 UNJF-3A	.600	.312	.694	.150	.616-.627	.360	-	-	.003	.063	.020-.050	.625	.375	2.646
04	.4375-20 UNJF-3A	.660	.364	.766	.150	.679-.690	.400	-	-	.003	.075	.030-.060	.688	.438	3.657
05	.500-20 UNJF-3A	.670	.426	.837	.150	.741-.752	.400	.219	.340	.003	.075	.030-.060	.750	.500	4.277
06	.5625-18 UNJF-3A	.680	.481	.907	.150	.803-.814	.400	.219	.340	.003	.083	.040-.070	.812	.562	5.307
07	.625-18 UNJF-3A	.730	.544	.978	.160	.865-.877	.440	.312	.380	.003	.083	.040-.070	.875	.625	6.334
08	.750-16 UNJF-3A	.730	.660	1.121	.160	.990-1.002	.440	.438	.400	.003	.094	.040-.070	1.000	.750	7.995
09	.8125-16 UNJ-3A	.740	.722	1.191	.160	1.052-1.064	.440	.500	.400	.003	.094	.040-.070	1.062	.812	9.199
10	.875-14 UNJF-3A	.740	.773	1.263	.160	1.115-1.127	.440	.548	.400	.003	.107	.050-.080	1.125	.875	10.122
11	1.000-12 UNJF-3A	.780	.882	1.475	.180	1.301-1.314	.440	.657	.400	.005	.125	.050-.080	1.312	1.000	14.606
12	1.0625-12 UNJ-3A	.830	.945	1.475	.200	1.301-1.314	.480	.719	.400	.005	.125	.050-.080	1.312	1.000	15.891
14	1.1875-12 UNJ-3A	.830	1.070	1.619	.200	1.427-1.440	.480	.844	.400	.005	.125	.050-.080	1.438	1.125	18.582
16	1.3125-12 UNJ-3A	.840	1.195	1.833	.200	1.614-1.627	.480	.969	.400	.005	.125	.050-.080	1.625	1.312	23.416
18	1.500-12 UNJF-3A	.840	1.382	1.974	.200	1.738-1.752	.480	1.156	.400	.005	.125	.050-.080	1.750	1.438	27.369
20	1.625-12 UNJ-3A	.850	1.507	2.117	.200	1.863-1.877	.480	1.281	.400	.005	.125	.050-.080	1.875	1.562	31.827
24	1.875-12 UNJ-3A	.860	1.756	2.402	.200	2.113-2.127	.480	1.531	.400	.005	.125	.050-.080	2.124	1.812	40.949
28	2.250-12 UNJ-3A	.870	2.131	2.830	.200	2.400-2.502	.480	1.906	.400	.005	.125	.050-.080	2.500	2.188	56.454
32	2.500-12 UNJ-3A	.870	2.381	3.115	.200	2.738-2.752	.480	2.156	.400	.005	.125	.050-.080	2.750	2.438	67.139