



REV.  
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AS90991

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	NOM TUBE OD	D - NOMINAL THREAD	AF	E MIN	AB	K
MS9099-02	.125	.3125-24UNJF-3B	0.553 - 0.564	0.623	0.312 - 0.332	0.209 - 0.229
MS9099-03	.188	.3750-24UNJF-3B	0.616 - 0.627	0.694	0.375 - 0.395	0.209 - 0.229
MS9099-04	.250	.4375-20UNJF-3B	0.679 - 0.690	0.766	0.438 - 0.458	0.240 - 0.260
MS9099-05	.312	.5000-20UNJF-3B	0.741 - 0.752	0.836	0.500 - 0.520	0.240 - 0.260
MS9099-06	.375	.5625-18UNJF-3B	0.803 - 0.814	0.907	0.562 - 0.582	0.256 - 0.276
MS9099-07	.438	.6250-18UNJF-3B	0.865 - 0.877	0.978	0.625 - 0.645	0.256 - 0.276
MS9099-08	.500	.7500-16UNJF-3B	0.990 - 1.002	1.121	0.750 - 0.770	0.302 - 0.322
MS9099-09	.562	.8125-16UNJ-3B	1.052 - 1.064	1.191	0.812 - 0.832	0.302 - 0.322
MS9099-10	.625	.8750-14UNJF-3B	1.114 - 1.127	1.262	0.875 - 0.895	0.349 - 0.369
MS9099-11	.688	1.0000-12UNJF-3B	1.301 - 1.314	1.475	1.000 - 1.020	0.396 - 0.416
MS9099-12	.750	1.0625-12UNJ-3B	1.364 - 1.377	1.547	1.062 - 1.082	0.396 - 0.416
MS9099-14	.875	1.1875-12UNJ-3B	1.489 - 1.502	1.690	1.188 - 1.208	0.396 - 0.416
MS9099-16	1.000	1.3125-12UNJ-3B	1.614 - 1.627	1.833	1.312 - 1.332	0.396 - 0.416
MS9099-18	1.125	1.5000-12UNJ-3B	1.800 - 1.814	2.045	1.500 - 1.520	0.396 - 0.416
MS9099-20	1.250	1.6250-12UNJ-3B	1.926 - 1.940	2.189	1.625 - 1.645	0.396 - 0.416
MS9099-24	1.500	1.8750-12UNJ-3B	2.176 - 2.190	2.474	1.875 - 1.895	0.396 - 0.416
MS9099-28	1.750	2.2500-12UNJ-3B	2.549 - 2.564	2.899	2.250 - 1.270	0.396 - 0.416
MS9099-32	2.000	2.5000-12UNJ-3B	2.799 - 2.814	3.185	2.500 - 2.520	0.396 - 0.416

TABLE 1 - PART NUMBERS AND DIMENSIONS - CONTINUED

PART NUMBER	NOM TUBE OD	L MIN	M	N	P	T	J	APPROX. MASS LB/100
MS9099-02	.125	0.552	0.032 - 0.042	0.478 - 0.488	0.125	0.240	0.042 - 0.052	0.44
MS9099-03	.188	0.615	0.032 - 0.042	0.541 - 0.551	0.125	0.240	0.042 - 0.052	0.51
MS9099-04	.250	0.678	0.037 - 0.047	0.603 - 0.613	0.140	0.305	0.042 - 0.052	0.66
MS9099-05	.312	0.740	0.037 - 0.047	0.665 - 0.675	0.140	0.340	0.050 - 0.060	0.76
MS9099-06	.375	0.802	0.037 - 0.047	0.728 - 0.738	0.148	0.370	0.050 - 0.060	0.90
MS9099-07	.438	0.865	0.037 - 0.047	0.790 - 0.800	0.148	0.405	0.050 - 0.060	1.01
MS9099-08	.500	0.990	0.037 - 0.047	0.915 - 0.925	0.172	0.470	0.057 - 0.067	1.41
MS9099-09	.562	1.052	0.037 - 0.047	0.978 - 0.988	0.172	0.500	0.057 - 0.067	1.51
MS9099-10	.625	1.115	0.049 - 0.059	1.040 - 1.050	0.195	0.540	0.057 - 0.067	1.90
MS9099-11	.688	1.302	0.049 - 0.059	1.205 - 1.215	0.219	0.625	0.065 - 0.075	3.05
MS9099-12	.750	1.365	0.049 - 0.059	1.290 - 1.300	0.219	0.660	0.065 - 0.075	3.25
MS9099-14	.875	1.490	0.049 - 0.059	1.412 - 1.422	0.219	0.725	0.065 - 0.075	3.66
MS9099-16	1.000	1.615	0.049 - 0.059	1.536 - 1.546	0.219	0.790	0.065 - 0.075	4.06
MS9099-18	1.125	1.802	0.049 - 0.059	1.724 - 1.734	0.219	0.890	0.065 - 0.075	4.69
MS9099-20	1.250	1.928	0.049 - 0.059	1.849 - 1.859	0.219	0.960	0.065 - 0.075	5.15
MS9099-24	1.500	2.178	0.049 - 0.059	2.099 - 2.109	0.219	1.095	0.065 - 0.075	6.07
MS9099-28	1.750	2.552	0.049 - 0.059	2.473 - 2.483	0.219	1.295	0.065 - 0.075	7.52
MS9099-32	2.000	2.802	0.049 - 0.059	2.723 - 2.733	0.219	1.425	0.065 - 0.075	8.55