

AS3001 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

AS3001



PLUG, MACHINE THREAD – AMS 5646, METAL
GASKET, SILVER PLATED, REDUCED
DIAMETER THREAD

AS3001
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Documents

TABLE 1

PART NO.	THREAD B				E	H +.000 -.010	J (SEE NOTE 1)	K	L
	SIZE	MAJOR DIA	PITCH DIA	MINOR DIA MAX					
AS3001-01	.250-28 UNS-3A	.2405-.2470	.2213-.2238	.2032	.560	.190	.013	.150	.430-.439
AS3001-02	.3125-24 UNS-3A	.3023-.3095	.2797-.2824	.2584	.600	.245	.017	.150	.553-.564
AS3001-03	.375-24 UNS-3A	.3648-.3720	.3420-.3449	.3209	.600	.310	.019	.150	.616-.627
AS3001-04	.4375-20 UNS-3A	.4264-.4345	.3989-.4020	.3732	.660	.360	.021	.150	.679-.690
AS3001-05	.500-20 UNS-3A	.4889-.4970	.4613-.4645	.4357	.670	.420	.023	.150	.741-.752
AS3001-06	.5625-18 UNS-3A	.5508-.5595	.5200-.5234	.4913	.680	.475	.024	.150	.802-.814
AS3001-07	.625-18 UNS-3A	.6133-.6220	.5824-.5859	.5538	.730	.540	.026	.160	.865-.877
AS3001-08	.750-16 UNS-3A	.7376-.7470	.7026-.7064	.6703	.730	.655	.030	.160	.990-1.002
AS3001-09	.8125-16 UNS-3A	.8001-.8095	.7653-.7689	.7328	.740	.715	.030	.160	1.052-1.064
AS3001-10	.875-14 UNS-3A	.8617-.8720	.8215-.8256	.7844	.740	.770	.030	.160	1.114-1.127
AS3001-11	1.000-12 UNS-3A	.9856-.9970	.9385-.9429	.8948	.780	.875	.030	.180	1.301-1.314
AS3001-12	1.0625-12 UNS-3A	1.0481-1.0595	1.0012-1.0054	.9573	.830	.940	.030	.200	1.364-1.377
AS3001-13	1.125-12 UNS-3A	1.1106-1.1220	1.0634-1.0679	1.0198	.830	1.000	.030	.200	1.427-1.440
AS3001-14	1.1875-12 UNS-3A	1.1731-1.1845	1.1261-1.1304	1.0823	.830	1.060	.030	.200	1.489-1.502
AS3001-16	1.3125-12 UNS-3A	1.2981-1.3095	1.2511-1.2554	1.2073	.840	1.190	.030	.200	1.614-1.627
AS3001-18	1.500-12 UNS-3A	1.4856-1.4970	1.4381-1.4429	1.3948	.840	1.375	.030	.200	1.738-1.752
AS3001-20	1.625-12 UNS-3A	1.6106-1.6220	1.5635-1.5679	1.5198	.850	1.500	.050	.200	1.926-1.940
AS3001-24	1.875-12 UNS-3A	1.8606-1.8720	1.8134-1.8179	1.7698	.860	1.750	.050	.200	2.176-2.190
AS3001-28	2.250-12 UNS-3A	2.2356-2.2470	2.1884-2.1929	2.1448	.870	2.130	.050	.200	2.550-2.564
AS3001-32	2.500-12 UNS-3A	2.4856-2.4970	2.4383-2.4429	2.3948	.870	2.375	.050	.200	2.800-2.814

PART NO.	M	P	Q	T ±.010	U	V	W	Y ±.020	APPROX WEIGHT LB/100
AS3001-01	.320	—	—	.059	.020-.050	.438	.250	.250	1.05
AS3001-02	.360	—	—	.059	.020-.050	.562	.312	.312	1.84
AS3001-03	.360	—	—	.059	.020-.050	.625	.375	.375	2.35
AS3001-04	.400	—	—	.073	.030-.060	.688	.438	.438	3.28
AS3001-05	.400	.219	.340	.073	.030-.060	.750	.500	.500	3.57
AS3001-06	.400	.219	.340	.082	.040-.070	.812	.562	.562	5.02
AS3001-07	.440	.312	.380	.082	.040-.070	.875	.625	.625	5.63
AS3001-08	.440	.438	.400	.094	.040-.070	1.000	.750	.750	7.60
AS3001-09	.440	.500	.400	.094	.040-.070	1.062	.812	.812	8.46
AS3001-10	.440	.548	.400	.109	.050-.080	1.125	.875	.875	10.24
AS3001-11	.440	.657	.400	.128	.050-.080	1.312	1.000	1.000	13.36
AS3001-12	.480	.719	.400	.128	.050-.080	1.375	1.062	1.062	15.12
AS3001-13	.480	.781	.400	.128	.050-.080	1.438	1.125	1.125	16.15
AS3001-14	.480	.844	.400	.128	.050-.080	1.500	1.188	1.188	17.18
AS3001-16	.480	.969	.400	.128	.050-.080	1.625	1.312	1.312	19.86
AS3001-18	.480	1.156	.400	.128	.050-.080	1.750	1.438	1.500	22.50
AS3001-20	.480	1.281	.400	.128	.050-.080	1.938	1.625	1.625	26.69
AS3001-24	.480	1.531	.400	.128	.050-.080	2.188	1.875	1.875	32.70
AS3001-28	.480	1.906	.400	.128	.050-.080	2.562	2.250	2.250	43.43
AS3001-32	.480	2.156	.400	.128	.050-.080	2.812	2.500	2.500	51.70



AEROSPACE STANDARD

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