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SAE AS3085

RATIONALE

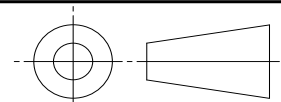
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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

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AEROSPACE STANDARD

PACKING, PREFORMED - AMS7280, 'O' RING

SAE AS3085

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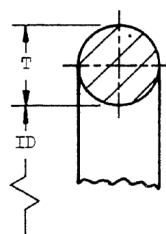
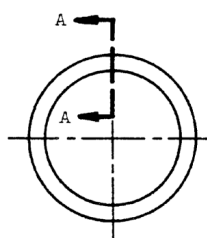
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ISSUED 1974-08 REAFFIRMED 2006-07 STABILIZED 2012-06



SECTION A-A

PART NUMBER	ID IN.		ID (mm)		T IN.		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
AS3085-001	.025	.033	0.64	0.84	.037	.043	0.94	1.09	0.002	0.001
AS3085-002	.038	.046	0.97	1.17	.047	.053	1.19	1.35	0.004	0.002
AS3085-003	.052	.060	1.32	1.52	.057	.063	1.45	1.60	0.007	0.003
AS3085-004	.065	.075	1.65	1.90	.067	.073	1.70	1.85	0.012	0.006
AS3085-005	.096	.106	2.44	2.69	.067	.073	1.70	1.85	0.015	0.007
AS3085-006	.109	.119	2.77	3.02	.067	.073	1.70	1.85	0.016	0.007
AS3085-007	.140	.150	3.56	3.81	.067	.073	1.70	1.85	0.019	0.008
AS3085-008	.171	.181	4.34	4.60	.067	.073	1.70	1.85	0.021	0.010
AS3085-009	.203	.213	5.16	5.41	.067	.073	1.70	1.85	0.024	0.011
AS3085-010	.234	.244	5.94	6.20	.067	.073	1.70	1.85	0.027	0.012
AS3085-011	.296	.306	7.52	7.77	.067	.073	1.70	1.85	0.032	0.015
AS3085-012	.359	.369	9.12	9.37	.067	.073	1.70	1.85	0.038	0.017
AS3085-013	.421	.431	10.69	10.95	.067	.073	1.70	1.85	0.043	0.020
AS3085-014	.484	.494	12.29	12.55	.067	.073	1.70	1.85	0.049	0.022
AS3085-015	.544	.558	13.82	14.17	.067	.073	1.70	1.85	0.054	0.025
AS3085-016	.605	.623	15.37	15.82	.067	.073	1.70	1.85	0.060	0.027
AS3085-017	.667	.685	16.94	17.40	.067	.073	1.70	1.85	0.065	0.029
AS3085-018	.730	.748	18.54	19.00	.067	.073	1.70	1.85	0.070	0.032
AS3085-019	.792	.810	20.12	20.57	.067	.073	1.70	1.85	0.076	0.034
AS3085-020	.855	.873	21.72	22.17	.067	.073	1.70	1.85	0.081	0.037
AS3085-021	.917	.935	23.29	23.75	.067	.073	1.70	1.85	0.087	0.039
AS3085-022	.979	.999	24.87	25.37	.067	.073	1.70	1.85	0.092	0.042
AS3085-023	1.041	1.061	26.44	26.95	.067	.073	1.70	1.85	0.098	0.044
AS3085-024	1.104	1.124	28.04	28.55	.067	.073	1.70	1.85	0.103	0.047
AS3085-025	1.165	1.187	29.59	30.15	.067	.073	1.70	1.85	0.108	0.049
AS3085-026	1.228	1.250	31.19	31.75	.067	.073	1.70	1.85	0.114	0.052
AS3085-027	1.290	1.312	32.77	33.32	.067	.073	1.70	1.85	0.119	0.054
AS3085-028	1.351	1.377	34.32	34.98	.067	.073	1.70	1.85	0.125	0.057
AS3085-029	1.476	1.502	37.49	38.15	.067	.073	1.70	1.85	0.136	0.062
AS3085-030	1.601	1.627	40.67	41.33	.067	.073	1.70	1.85	0.147	0.066
AS3085-031	1.724	1.754	43.79	44.55	.067	.073	1.70	1.85	0.157	0.071
AS3085-032	1.849	1.879	46.96	47.73	.067	.073	1.70	1.85	0.168	0.076
AS3085-033	1.971	2.007	50.06	50.98	.067	.073	1.70	1.85	0.179	0.081
AS3085-034	2.096	2.132	53.24	54.15	.067	.073	1.70	1.85	0.190	0.086
AS3085-035	2.221	2.257	56.41	57.33	.067	.073	1.70	1.85	0.201	0.091
AS3085-036	2.346	2.382	59.59	60.50	.067	.073	1.70	1.85	0.212	0.096
AS3085-037	2.471	2.507	62.76	63.68	.067	.073	1.70	1.85	0.223	0.101
AS3085-038	2.594	2.634	65.9	66.9	.067	.073	1.70	1.85	0.234	0.106
AS3085-039	2.719	2.759	69.1	70.1	.067	.073	1.70	1.85	0.245	0.111
AS3085-040	2.844	2.884	72.2	73.3	.067	.073	1.70	1.85	0.255	0.116
AS3085-041	2.965	3.013	75.3	76.5	.067	.073	1.70	1.85	0.266	0.121
AS3085-042	3.215	3.263	81.7	82.9	.067	.073	1.70	1.85	0.288	0.131
AS3085-043	3.465	3.513	88.0	89.2	.067	.073	1.70	1.85	0.310	0.141
AS3085-044	3.712	3.766	94.3	95.7	.067	.073	1.70	1.85	0.332	0.150
AS3085-045	3.962	4.016	100.6	102.0	.067	.073	1.70	1.85	0.353	0.160
AS3085-046	4.209	4.269	106.9	108.4	.067	.073	1.70	1.85	0.375	0.170
AS3085-047	4.459	4.519	113.3	114.8	.067	.073	1.70	1.85	0.397	0.180
AS3085-048	4.709	4.769	119.6	121.1	.067	.073	1.70	1.85	0.419	0.190
AS3085-049	4.952	5.026	125.8	127.7	.067	.073	1.70	1.85	0.440	0.200
AS3085-050	5.202	5.276	132.1	134.0	.067	.073	1.70	1.85	0.462	0.210

PART NUMBER	ID IN.		ID (mm)		T IN.		T (mm)		APPROX MASS	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	LB/100	kg/100
AS3085-102	.044	.054	1.12	1.37	.100	.106	2.54	2.69	0.029	0.013
AS3085-103	.076	.086	1.93	2.19	.100	.106	2.54	2.69	0.035	0.016
AS3085-104	.107	.117	2.72	2.97	.100	.106	2.54	2.69	0.041	0.018
AS3085-105	.138	.148	3.51	3.75	.100	.106	2.54	2.69	0.046	0.021
AS3085-106	.169	.179	4.29	4.55	.100	.106	2.54	2.69	0.052	0.024
AS3085-107	.201	.211	5.11	5.36	.100	.106	2.54	2.69	0.058	0.026
AS3085-108	.232	.242	5.89	6.15	.100	.106	2.54	2.69	0.064	0.029
AS3085-109	.294	.304	7.47	7.72	.100	.106	2.54	2.69	0.076	0.034
AS3085-110	.357	.367	9.07	9.32	.100	.106	2.54	2.69	0.088	0.040
AS3085-111	.419	.429	10.64	10.90	.100	.106	2.54	2.69	0.099	0.045
AS3085-112	.482	.492	12.24	12.50	.100	.106	2.54	2.69	0.111	0.050
AS3085-113	.542	.556	13.77	14.12	.100	.106	2.54	2.69	0.123	0.056
AS3085-114	.603	.621	15.32	15.77	.100	.106	2.54	2.69	0.135	0.061
AS3085-115	.665	.683	16.88	17.35	.100	.106	2.54	2.69	0.146	0.066
AS3085-116	.728	.746	18.49	18.95	.100	.106	2.54	2.69	0.158	0.072
AS3085-117	.789	.809	20.04	20.55	.100	.106	2.54	2.69	0.170	0.077
AS3085-118	.852	.872	21.64	22.15	.100	.106	2.54	2.69	0.182	0.082
AS3085-119	.914	.934	23.22	23.72	.100	.106	2.54	2.69	0.194	0.088
AS3085-120	.977	.997	24.82	25.32	.100	.106	2.54	2.69	0.205	0.093
AS3085-121	1.039	1.059	26.38	26.90	.100	.106	2.54	2.69	0.217	0.098
AS3085-122	1.102	1.122	27.98	28.50	.100	.106	2.54	2.69	0.229	0.104
AS3085-123	1.162	1.186	29.51	30.12	.100	.106	2.54	2.69	0.241	0.109
AS3085-124	1.225	1.249	31.12	31.72	.100	.106	2.54	2.69	0.253	0.115
AS3085-125	1.287	1.311	32.69	33.30	.100	.106	2.54	2.69	0.264	0.120
AS3085-126	1.350	1.374	34.29	34.90	.100	.106	2.54	2.69	0.276	0.125
AS3085-127	1.412	1.436	35.86	36.47	.100	.106	2.54	2.69	0.288	0.131
AS3085-128	1.475	1.499	37.46	38.07	.100	.106	2.54	2.69	0.300	0.136
AS3085-129	1.534	1.564	38.96	39.73	.100	.106	2.54	2.69	0.311	0.141
AS3085-130	1.597	1.627	40.56	41.33	.100	.106	2.54	2.69	0.323	0.147
AS3085-131	1.659	1.689	42.14	42.90	.100	.106	2.54	2.69	0.335	0.152
AS3085-132	1.722	1.752	43.74	44.50	.100	.106	2.54	2.69	0.347	0.157
AS3085-133	1.784	1.814	45.31	46.08	.100	.106	2.54	2.69	0.358	0.163
AS3085-134	1.847	1.877	46.91	47.68	.100	.106	2.54	2.69	0.370	0.168
AS3085-135	1.908	1.942	48.46	49.33	.100	.106	2.54	2.69	0.382	0.173
AS3085-136	1.970	2.004	50.04	50.90	.100	.106	2.54	2.69	0.394	0.179
AS3085-137	2.033	2.067	51.64	52.50	.100	.106	2.54	2.69	0.406	0.184
AS3085-138	2.095	2.129	53.21	54.08	.100	.106	2.54	2.69	0.417	0.189
AS3085-139	2.158	2.192	54.81	55.68	.100	.106	2.54	2.69	0.429	0.195
AS3085-140	2.220	2.254	56.39	57.25	.100	.106	2.54	2.69	0.441	0.200
AS3085-141	2.280	2.320	57.9	58.9	.100	.106	2.54	2.69	0.453	0.205
AS3085-142	2.342	2.382	59.5	60.5	.100	.106	2.54	2.69	0.465	0.211
AS3085-143	2.405	2.445	61.1	62.1	.100	.106	2.54	2.69	0.476	0.216
AS3085-144	2.467	2.507	62.7	63.7	.100	.106	2.54	2.69	0.488	0.221
AS3085-145	2.530	2.570	64.3	65.3	.100	.106	2.54	2.69	0.500	0.227
AS3085-146	2.592	2.632	65.8	66.9	.100	.106	2.54	2.69	0.512	0.232
AS3085-147	2.653	2.697	67.4	68.5	.100	.106	2.54	2.69	0.524	0.237
AS3085-148	2.715	2.759	69.0	70.1	.100	.106	2.54	2.69	0.535	0.243
AS3085-149	2.778	2.822	70.6	71.7	.100	.106	2.54	2.69	0.547	0.248
AS3085-150	2.843	2.884	72.1	73.3	.100	.106	2.54	2.69	0.559	0.253
AS3085-151	2.903	3.011	75.3	75.5	.100	.106	2.54	2.69	0.582	0.264
AS3085-152	3.013	3.261	81.6	82.8	.100	.106	2.54	2.69	0.529	0.286
AS3085-153	3.453	3.511	88.0	89.2	.100	.106	2.54	2.69	0.577	0.307
AS3085-154	3.709	3.765	94.2	95.6	.100	.106	2.54	2.69	0.724	0.328
AS3085-155	3.959	4.015	100.6	102.0	.100	.106	2.54	2.69	0.771	0.350
AS3085-156	4.207	4.267	106.9	108.4	.100	.106	2.54	2.69	0.818	0.371
AS3085-157	4.457	4.517	113.2	114.7	.100	.106	2.54	2.69	0.865	0.392
AS3085-158	4.707	4.767	119.5	121.1	.100	.106	2.54	2.69	0.912	0.414
AS3085-159	4.952	5.022	125.8	127.6	.100	.106	2.54	2.69	0.959	0.435
AS3085-160	5.202	5.272	132.1	133.9	.100	.106	2.54	2.69	1.006	0.457
AS3085-161	5.452	5.522	138.5	140.3	.100	.106	2.54	2.69	1.054	0.478
AS3085-162	5.702	5.772	144.8	146.6	.100	.106	2.54	2.69	1.101	0.499
AS3085-163	5.952	6.022	151.2	153.0	.100	.106	2.54	2.69	1.148	0.521
AS3085-164	6.197	6.277	157.4	159.4	.100	.106	2.54	2.69	1.195	0.542
AS3085-165	6.447	6.527	163.8	165.8	.100	.106	2.54	2.69	1.242	0.563
AS3085-166	6.697	6.777	170.1	172.1	.100	.106	2.54	2.69	1.289	0.585
AS3085-167	6.947	7.027	176.5	178.5	.100	.106	2.54	2.69	1.336	0.606
AS3085-168	7.197	7.282	182.7	185.0	.100	.106	2.54	2.69	1.383	0.628
AS3085-169	7.442	7.532	189.0	191.3	.100	.106	2.54	2.69	1.431	0.649
AS3085-170	7.692	7.782	195.4	197.7	.100	.106	2.54	2.69	1.478	0.670