

SAE Executive Standards Committee Rules provide that: " This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. C

AS3209™

FEDERAL SUPPLY CLASS
5331

RATIONALE

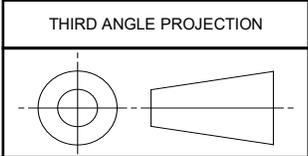
A LIMITED SCOPE REVISION IS REQUIRED TO MAKE THE STABILIZATION NOTICE CLEARER.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE A-6C2 SEALS COMMITTEE AND WILL NO LONGER BE SUBJECT TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of as3209c

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3209C/>



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AMS7276	
	AEROSPACE STANDARD		AS3209™
	PACKING, PREFORMED - AMS7276, 'O' RING		

ISSUED 1976-02 REAFFIRMED 2013-10 REVISED 2017-08 STABILIZED 2021-08

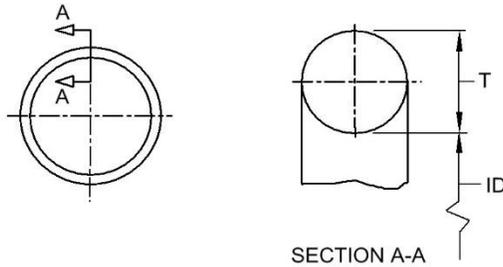


FIGURE 1

TABLE 1

PART NUMBER	ID		T		APPROX MASS LB/100	PART NUMBER	ID		T		APPROX MASS LB/100
	MIN	MAX	MIN	MAX			MIN	MAX	MIN	MAX	
AS3209-001	.025	.033	.037	.043	.002	AS3209-026	1.228	1.250	.067	.073	.100
AS3209-002	.038	.046	.047	.053	.004	AS3209-027	1.290	1.312	.067	.073	.104
AS3209-003	.052	.060	.057	.063	.006	AS3209-028	1.351	1.377	.067	.073	.109
AS3209-004	.065	.075	.067	.073	.011	AS3209-029	1.476	1.502	.067	.073	.119
AS3209-005	.096	.106	.067	.073	.013	AS3209-030	1.601	1.627	.067	.073	.128
AS3209-006	.109	.119	.067	.073	.014	AS3209-031	1.724	1.754	.067	.073	.138
AS3209-007	.140	.150	.067	.073	.016	AS3209-032	1.849	1.879	.067	.073	.147
AS3209-008	.171	.181	.067	.073	.019	AS3209-033	1.971	2.007	.067	.073	.157
AS3209-009	.203	.213	.067	.073	.021	AS3209-034	2.096	2.132	.067	.073	.166
AS3209-010	.234	.244	.067	.073	.024	AS3209-035	2.221	2.257	.067	.073	.176
AS3209-011	.296	.306	.067	.073	.028	AS3209-036	2.346	2.382	.067	.073	.185
AS3209-012	.359	.369	.067	.073	.033	AS3209-037	2.471	2.507	.067	.073	.195
AS3209-013	.421	.431	.067	.073	.038	AS3209-038	2.594	2.634	.067	.073	.204
AS3209-014	.484	.494	.067	.073	.043	AS3209-039	2.719	2.759	.067	.073	.214
AS3209-015	.544	.558	.067	.073	.047	AS3209-040	2.844	2.884	.067	.073	.223
AS3209-016	.605	.623	.067	.073	.052	AS3209-041	2.965	3.013	.067	.073	.233
AS3209-017	.667	.685	.067	.073	.057	AS3209-042	3.215	3.263	.067	.073	.252
AS3209-018	.730	.748	.067	.073	.062	AS3209-043	3.465	3.513	.067	.073	.271
AS3209-019	.792	.810	.067	.073	.066	AS3209-044	3.712	3.766	.067	.073	.290
AS3209-020	.855	.873	.067	.073	.071	AS3209-045	3.962	4.016	.067	.073	.309
AS3209-021	.917	.935	.067	.073	.076	AS3209-046	4.209	4.269	.067	.073	.328
AS3209-022	.979	.999	.067	.073	.081	AS3209-047	4.459	4.519	.067	.073	.347
AS3209-023	1.041	1.061	.067	.073	.085	AS3209-048	4.709	4.769	.067	.073	.366
AS3209-024	1.104	1.124	.067	.073	.090	AS3209-049	4.952	5.026	.067	.073	.385
AS3209-025	1.165	1.187	.067	.073	.095	AS3209-050	5.202	5.276	.067	.073	.404

TABLE 1 (CONTINUED)

PART NUMBER	ID		T		APPROX MASS LB/100	PART NUMBER	ID		T		APPROX MASS LB/100
	MIN	MAX	MIN	MAX			MIN	MAX	MIN	MAX	
AS3209-102	.044	.054	.100	.106	.025	AS3209-141	2.280	2.320	.100	.106	.396
AS3209-103	.076	.086	.100	.106	.030	AS3209-142	2.342	2.382	.100	.106	.407
AS3209-104	.107	.117	.100	.106	.035	AS3209-143	2.405	2.445	.100	.106	.417
AS3209-105	.138	.148	.100	.106	.041	AS3209-144	2.467	2.507	.100	.106	.427
AS3209-106	.169	.179	.100	.106	.046	AS3209-145	2.530	2.570	.100	.106	.438
AS3209-107	.201	.211	.100	.106	.051	AS3209-146	2.592	2.632	.100	.106	.448
AS3209-108	.232	.242	.100	.106	.056	AS3209-147	2.653	2.697	.100	.106	.458
AS3209-109	.294	.304	.100	.106	.066	AS3209-148	2.715	2.759	.100	.106	.468
AS3209-110	.357	.367	.100	.106	.077	AS3209-149	2.778	2.822	.100	.106	.479
AS3209-111	.419	.429	.100	.106	.087	AS3209-150	2.840	2.884	.100	.106	.489
AS3209-112	.482	.492	.100	.106	.097	AS3209-151	2.963	3.011	.100	.106	.510
AS3209-113	.542	.556	.100	.106	.108	AS3209-152	3.213	3.261	.100	.106	.551
AS3209-114	.603	.621	.100	.106	.118	AS3209-153	3.463	3.511	.100	.106	.592
AS3209-115	.665	.683	.100	.106	.128	AS3209-154	3.709	3.765	.100	.106	.633
AS3209-116	.728	.746	.100	.106	.139	AS3209-155	3.959	4.015	.100	.106	.674
AS3209-117	.789	.809	.100	.106	.149	AS3209-156	4.207	4.267	.100	.106	.716
AS3209-118	.852	.872	.100	.106	.159	AS3209-157	4.457	4.517	.100	.106	.757
AS3209-119	.914	.934	.100	.106	.169	AS3209-158	4.707	4.767	.100	.106	.798
AS3209-120	.977	.997	.100	.106	.180	AS3209-159	4.952	5.022	.100	.106	.839
AS3209-121	1.039	1.059	.100	.106	.190	AS3209-160	5.202	5.272	.100	.106	.881
AS3209-122	1.102	1.122	.100	.106	.200	AS3209-161	5.452	5.522	.100	.106	.922
AS3209-123	1.162	1.186	.100	.106	.211	AS3209-162	5.702	5.772	.100	.106	.963
AS3209-124	1.225	1.249	.100	.106	.221	AS3209-163	5.952	6.022	.100	.106	1.004
AS3209-125	1.287	1.311	.100	.106	.231	AS3209-164	6.197	6.277	.100	.106	1.046
AS3209-126	1.350	1.374	.100	.106	.242	AS3209-165	6.447	6.527	.100	.106	1.087
AS3209-127	1.412	1.436	.100	.106	.252	AS3209-166	6.697	6.777	.100	.106	1.128
AS3209-128	1.475	1.499	.100	.106	.262	AS3209-167	6.947	7.027	.100	.106	1.169
AS3209-129	1.534	1.564	.100	.106	.272	AS3209-168	7.192	7.282	.100	.106	1.210
AS3209-130	1.597	1.627	.100	.106	.283	AS3209-169	7.442	7.532	.100	.106	1.252
AS3209-131	1.659	1.689	.100	.106	.293	AS3209-170	7.692	7.782	.100	.106	1.293
AS3209-132	1.722	1.752	.100	.106	.303	AS3209-171	7.942	8.032	.100	.106	1.334
AS3209-133	1.784	1.814	.100	.106	.314	AS3209-172	8.187	8.287	.100	.106	1.375
AS3209-134	1.847	1.877	.100	.106	.324	AS3209-173	8.437	8.537	.100	.106	1.417
AS3209-135	1.908	1.942	.100	.106	.334	AS3209-174	8.687	8.787	.100	.106	1.458
AS3209-136	1.970	2.004	.100	.106	.345	AS3209-175	8.937	9.037	.100	.106	1.499
AS3209-137	2.033	2.067	.100	.106	.355	AS3209-176	9.182	9.292	.100	.106	1.540
AS3209-138	2.095	2.129	.100	.106	.365	AS3209-177	9.432	9.542	.100	.106	1.582
AS3209-139	2.158	2.192	.100	.106	.376	AS3209-178	9.682	9.792	.100	.106	1.623
AS3209-140	2.220	2.254	.100	.106	.386						

SAEFORM.COM. Click to view the full PDF of AS3209.

TABLE 1 (CONTINUED)

PART NUMBER	ID		T		APPROX MASS LB/100	PART NUMBER	ID		T		APPROX MASS LB/100
	MIN	MAX	MIN	MAX			MIN	MAX	MIN	MAX	
AS3209-201	.166	.176	.135	.143	.093	AS3209-243	4.081	4.137	.135	.143	1.276
AS3209-202	.229	.239	.135	.143	.112	AS3209-244	4.204	4.264	.135	.143	1.313
AS3209-203	.291	.301	.135	.143	.131	AS3209-245	4.329	4.389	.135	.143	1.351
AS3209-204	.354	.364	.135	.143	.150	AS3209-246	4.454	4.514	.135	.143	1.388
AS3209-205	.416	.426	.135	.143	.168	AS3209-247	4.579	4.639	.135	.143	1.426
AS3209-206	.479	.489	.135	.143	.187	AS3209-248	4.704	4.764	.135	.143	1.464
AS3209-207	.539	.553	.135	.143	.206	AS3209-249	4.824	4.894	.135	.143	1.501
AS3209-208	.600	.618	.135	.143	.225	AS3209-250	4.949	5.019	.135	.143	1.539
AS3209-209	.662	.680	.135	.143	.243	AS3209-251	5.074	5.144	.135	.143	1.576
AS3209-210	.724	.744	.135	.143	.262	AS3209-252	5.199	5.269	.135	.143	1.614
AS3209-211	.786	.806	.135	.143	.281	AS3209-253	5.324	5.394	.135	.143	1.651
AS3209-212	.849	.869	.135	.143	.300	AS3209-254	5.449	5.519	.135	.143	1.689
AS3209-213	.911	.931	.135	.143	.318	AS3209-255	5.574	5.644	.135	.143	1.726
AS3209-214	.974	.994	.135	.143	.337	AS3209-256	5.699	5.769	.135	.143	1.764
AS3209-215	1.036	1.056	.135	.143	.356	AS3209-257	5.824	5.894	.135	.143	1.801
AS3209-216	1.097	1.121	.135	.143	.375	AS3209-258	5.949	6.019	.135	.143	1.839
AS3209-217	1.159	1.183	.135	.143	.393	AS3209-259	6.194	6.274	.135	.143	1.914
AS3209-218	1.222	1.246	.135	.143	.412	AS3209-260	6.444	6.524	.135	.143	1.989
AS3209-219	1.284	1.308	.135	.143	.431	AS3209-261	6.694	6.744	.135	.143	2.064
AS3209-220	1.347	1.371	.135	.143	.450	AS3209-262	6.944	7.024	.135	.143	2.139
AS3209-221	1.409	1.433	.135	.143	.469	AS3209-263	7.189	7.279	.135	.143	2.214
AS3209-222	1.469	1.499	.135	.143	.487	AS3209-264	7.439	7.529	.135	.143	2.289
AS3209-223	1.594	1.624	.135	.143	.525	AS3209-265	7.689	7.779	.135	.143	2.365
AS3209-224	1.719	1.749	.135	.143	.563	AS3209-266	7.939	8.029	.135	.143	2.440
AS3209-225	1.841	1.877	.135	.143	.600	AS3209-267	8.184	8.284	.135	.143	2.515
AS3209-226	1.966	2.002	.135	.143	.638	AS3209-268	8.434	8.534	.135	.143	2.590
AS3209-227	2.091	2.127	.135	.143	.675	AS3209-269	8.684	8.784	.135	.143	2.665
AS3209-228	2.214	2.254	.135	.143	.713	AS3209-270	8.934	9.034	.135	.143	2.740
AS3209-229	2.339	2.379	.135	.143	.750	AS3209-271	9.179	9.289	.135	.143	2.815
AS3209-230	2.464	2.504	.135	.143	.788	AS3209-272	9.429	9.539	.135	.143	2.890
AS3209-231	2.589	2.629	.135	.143	.825	AS3209-273	9.679	9.789	.135	.143	2.965
AS3209-232	2.710	2.758	.135	.143	.863	AS3209-274	9.929	10.039	.135	.143	3.040
AS3209-233	2.835	2.883	.135	.143	.900	AS3209-275	10.429	10.539	.135	.143	3.190
AS3209-234	2.960	3.008	.135	.143	.938	AS3209-276	10.919	11.049	.135	.143	3.341
AS3209-235	3.085	3.133	.135	.143	.976	AS3209-277	11.419	11.549	.135	.143	3.491
AS3209-236	3.210	3.258	.135	.143	1.013	AS3209-278	11.919	12.049	.135	.143	3.641
AS3209-237	3.335	3.383	.135	.143	1.051	AS3209-279	12.919	13.049	.135	.143	3.941
AS3209-238	3.460	3.508	.135	.143	1.088	AS3209-280	13.919	14.049	.135	.143	4.242
AS3209-239	3.581	3.637	.135	.143	1.126	AS3209-281	14.919	15.049	.135	.143	4.542
AS3209-240	3.706	3.762	.135	.143	1.163	AS3209-282	15.880	16.030	.135	.143	4.834
AS3209-241	3.831	3.887	.135	.143	1.201	AS3209-283	16.875	17.035	.135	.143	5.134
AS3209-242	3.956	4.012	.135	.143	1.238	AS3209-284	17.870	18.040	.135	.143	5.434