

Parker Series 5-XXX O-Ring Sizes

The following 5-XXX sizes are O-rings of nonstandard dimensions for which Parker tooling was available as of January 1, 2007. This tooling will be maintained while volume demand continues. A mold scrapped as defective will not be replaced unless demand justifies the expense.

Note: These molds are cut to allow for standard “AN” shrinkage, and in materials having standard shrinkage they will normally produce rings to the dimensions listed. **Materials with other than standard shrinkage will give different dimensions and tolerances.** Please consult the factory or your local Parker Distributor for the availability of special sizes not included in this list as of this writing.

Sizes

Parker Series 5-XXX O-Ring Sizes

Std 5-Size	Inches				Metric 5-Size	Millimeters				Std 5-Size	Inches				Metric 5-Size	Millimeters			
	I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±		I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±
5-118	.059	.004	.040	.003	5-118	1.50	0.10	1.02	.08	5-204	.312	.005	.036	.003	5-204	7.92	0.13	0.91	.08
5-187	.070	.005	.036	.003	5-187	1.78	0.13	0.91	.08	5-205	.312	.005	.092	.003	5-205	7.92	0.13	2.34	.08
5-051	.070	.005	.040	.003	5-051	1.78	0.13	1.02	.08	5-160	.312	.005	.103	.003	5-160	7.92	0.13	2.62	.08
5-101	.100	.005	.038	.003	5-101	2.54	0.13	0.97	.08	5-712	.313	.005	.051	.003	5-712	7.95	0.13	1.30	.08
5-578	.102	.005	.074	.003	5-578	2.59	0.13	1.88	.08	5-585	.314	.005	.074	.003	5-585	7.98	0.13	1.88	.08
5-632	.110	.005	.040	.003	5-632	2.79	0.13	1.02	.08	5-664	.320	.005	.070	.003	5-664	8.13	0.13	1.78	.08
5-102	.116	.005	.038	.003	5-102	2.95	0.13	0.97	.08	5-1006	.322	.005	.070	.003	5-1006	8.18	0.13	1.78	.08
5-178	.120	.005	.040	.003	5-178	3.05	0.13	1.02	.08	5-206	.326	.005	.103	.003	5-206	8.28	0.13	2.62	.08
5-683	.122	.005	.063	.003	5-683	3.10	0.13	1.60	.08	5-1007	.330	.005	.050	.003	5-1007	8.38	0.13	1.27	.08
5-646	.126	.005	.040	.003	5-646	3.20	0.13	1.02	.08	5-133	.332	.005	.031	.003	5-133	8.43	0.13	0.79	.08
5-103	.128	.005	.050	.003	5-103	3.25	0.13	1.27	.08	5-612	.344	.005	.070	.003	5-612	8.74	0.13	1.78	.08
5-190	.132	.005	.070	.003	5-190	3.35	0.13	1.78	.08	5-586	.350	.005	.074	.003	5-586	8.89	0.13	1.88	.08
5-579	.133	.005	.074	.003	5-579	3.39	0.13	1.88	.08	5-587	.350	.005	.106	.004	5-587	8.89	0.13	2.69	.10
5-669	.146	.005	.040	.003	5-669	3.71	0.13	1.02	.08	5-018	.352	.005	.113	.004	5-018	8.94	0.13	2.87	.10
5-148	.154	.005	.038	.003	5-148	3.91	0.13	0.97	.08	5-699	.353	.005	.094	.003	5-699	8.97	0.13	2.39	.08
5-105	.154	.005	.050	.003	5-105	3.91	0.13	1.27	.08	5-700	.354	.005	.118	.004	5-700	8.99	0.13	3.00	.10
5-106	.154	.005	.066	.003	5-106	3.91	0.13	1.68	.08	5-716	.362	.005	.118	.004	5-716	9.19	0.13	3.00	.10
5-580	.165	.005	.074	.003	5-580	4.19	0.13	1.88	.08	5-057	.364	.005	.045	.003	5-057	9.25	0.13	1.14	.08
5-193	.176	.005	.040	.003	5-193	4.47	0.13	1.02	.08	5-209	.370	.005	.040	.003	5-209	9.40	0.13	1.02	.08
5-108	.176	.005	.050	.003	5-108	4.47	0.13	1.27	.08	5-211	.375	.005	.187	.005	5-211	9.53	0.13	4.75	.13
5-124	.176	.005	.056	.003	5-124	4.47	0.13	1.42	.08	5-212	.384	.005	.070	.003	5-212	9.75	0.13	1.78	.08
5-107	.176	.005	.066	.003	5-107	4.47	0.13	1.68	.08	5-614	.391	.005	.103	.003	5-614	9.93	0.13	2.62	.08
5-125	.180	.005	.040	.003	5-125	4.57	0.13	1.02	.08	5-718	.395	.005	.040	.003	5-718	10.03	0.13	1.02	.08
5-581	.192	.005	.074	.003	5-581	4.88	0.13	1.88	.08	5-134	.410	.005	.031	.003	5-134	10.41	0.13	0.79	.08
5-685	.208	.005	.094	.003	5-685	5.28	0.13	2.39	.08	5-588	.413	.005	.106	.004	5-588	10.49	0.13	2.69	.10
5-582	.224	.005	.074	.003	5-582	5.69	0.13	1.88	.08	5-002	.416	.005	.059	.003	5-002	10.57	0.13	1.50	.08
5-194	.228	.005	.040	.003	5-194	5.79	0.13	1.02	.08	5-215	.418	.005	.094	.003	5-215	10.62	0.13	2.39	.08
5-638	.233	.005	.076	.003	5-638	5.92	0.13	1.93	.08	5-218	.425	.005	.025	.003	5-218	10.80	0.13	0.64	.08
5-179	.239	.005	.040	.003	5-179	6.07	0.13	1.02	.08	5-682	.426	.005	.040	.003	5-682	10.82	0.13	1.02	.08
5-151	.239	.005	.051	.003	5-151	6.07	0.13	1.30	.08	5-058	.426	.005	.050	.003	5-058	10.82	0.13	1.27	.08
5-127	.239	.005	.074	.003	5-127	6.07	0.13	1.88	.08	5-613	.437	.005	.070	.003	5-613	11.10	0.13	1.78	.08
5-1002	.239	.005	.174	.005	5-1002	6.07	0.13	4.42	.13	5-1011	.447	.005	.103	.003	5-1011	11.35	0.13	2.62	.08
5-197	.242	.005	.040	.003	5-197	6.15	0.13	1.02	.08	5-222	.455	.005	.128	.004	5-222	11.56	0.13	3.25	.10
5-180	.248	.005	.048	.003	5-180	6.30	0.13	1.22	.08	5-223	.458	.005	.053	.003	5-223	11.63	0.13	1.35	.08
5-686	.248	.005	.094	.003	5-686	6.30	0.13	2.39	.08	5-225	.469	.006	.094	.003	5-225	11.91	0.15	2.39	.08
5-583	.251	.005	.074	.003	5-583	6.38	0.13	1.88	.08	5-615	.469	.006	.103	.003	5-615	11.91	0.15	2.62	.15
5-052	.270	.005	.070	.003	5-052	6.86	0.13	1.78	.08	5-652	.473	.006	.071	.003	5-652	12.01	0.15	1.80	.08
5-202	.278	.005	.046	.003	5-202	7.06	0.13	1.17	.08	5-726	.484	.006	.056	.003	5-726	12.29	0.15	1.42	.08
5-698	.283	.005	.040	.003	5-698	7.19	0.13	1.02	.08	5-566	.489	.006	.055	.003	5-566	12.42	0.15	1.40	.08
5-584	.283	.005	.074	.003	5-584	7.19	0.13	1.88	.08	5-230	.500	.006	.125	.004	5-230	12.70	0.15	3.18	.10
5-687	.287	.005	.094	.003	5-687	7.29	0.13	2.39	.08	5-231	.501	.006	.062	.003	5-231	12.73	0.15	1.57	.08
5-1004	.290	.005	.045	.003	5-1004	7.39	0.13	1.14	.08	5-675	.508	.006	.049	.003	5-675	12.90	0.15	1.24	.08
5-056	.301	.005	.038	.003	5-056	7.65	0.13	0.97	.08	5-616	.516	.006	.103	.003	5-616	13.11	0.15	2.62	.08
5-710	.301	.005	.054	.003	5-710	7.65	0.13	1.37	.08	5-1014	.525	.007	.071	.003	5-1014	13.34	0.18	1.80	.08
5-673	.305	.005	.074	.003	5-673	7.75	0.13	1.88	.08	5-135	.526	.007	.031	.003	5-135	13.36	0.18	0.79	.08

- (a) The rubber compound must be added when ordering by the 5-size number (i.e., N0674-70 5-007).
- (b) This chart provides dimensions for standard (AN) shrinkage materials ONLY. These correspond to AS568A dimensions. O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions and tolerances. For more information on shrinkage rates, see the Appendix.

Table 9-3: Parker Series 5-XXX O-Rings Size Cross Reference Table



Parker Series 5-XXX O-Ring Sizes (Continued)

Std 5-Size	Inches				Metric 5-Size	Millimeters				Std 5-Size	Inches				Metric 5-Size	Millimeters			
	I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±		I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±
5-162	.554	.007	.070	.003	5-162	14.07	0.18	1.78	.08	5-004	1.070	.010	.065	.003	5-004	27.18	0.25	1.65	.08
5-239	.570	.007	.106	.004	5-239	14.48	0.18	2.69	.10	5-763	1.080	.010	.050	.003	5-763	27.43	0.25	1.27	.08
5-156	.575	.007	.060	.003	5-156	14.61	0.18	1.52	.08	5-600	1.094	.010	.141	.004	5-600	27.79	0.25	3.58	.10
5-563	.583	.007	.040	.003	5-563	14.81	0.18	1.02	.08	5-140	1.112	.010	.031	.003	5-140	28.24	0.25	0.79	.08
5-735	.583	.007	.103	.003	5-735	14.81	0.18	2.62	.08	5-601	1.153	.012	.141	.004	5-601	29.29	0.30	3.58	.10
5-736	.590	.007	.070	.003	5-736	14.99	0.18	1.78	.08	5-291	1.186	.012	.070	.003	5-291	30.12	0.30	1.78	.08
5-591	.594	.007	.106	.004	5-591	15.09	0.18	2.69	.10	5-1028	1.190	.012	.250	.006	5-1028	30.23	0.30	6.35	.15
5-609	.600	.007	.094	.003	5-609	15.24	0.18	2.39	.08	5-602	1.212	.012	.141	.004	5-602	30.78	0.30	3.58	.10
5-242	.600	.007	.105	.004	5-242	15.24	0.18	2.67	.10	5-294	1.213	.012	.149	.004	5-294	30.81	0.30	3.78	.10
5-021	.603	.007	.125	.004	5-021	15.32	0.18	3.18	.10	5-295	1.225	.012	.275	.006	5-295	31.12	0.30	6.99	.15
5-243	.604	.007	.103	.003	5-243	15.34	0.18	2.62	.08	5-141	1.226	.012	.031	.003	5-141	31.14	0.30	0.79	.08
5-676	.610	.007	.058	.003	5-676	15.49	0.18	1.47	.08	5-296	1.229	.012	.070	.003	5-296	31.22	0.30	1.78	.08
5-247	.623	.007	.125	.004	5-247	15.82	0.18	3.18	.10	5-297	1.230	.012	.197	.005	5-297	31.24	0.30	5.00	.13
5-248	.625	.007	.050	.003	5-248	15.88	0.18	1.27	.08	5-301	1.259	.012	.092	.003	5-301	31.98	0.30	2.34	.08
5-617	.625	.007	.103	.003	5-617	15.88	0.18	2.62	.08	5-603	1.279	.012	.141	.004	5-603	32.49	0.30	3.58	.10
5-250	.627	.007	.062	.003	5-250	15.93	0.18	1.57	.08	5-157	1.338	.012	.092	.003	5-157	33.99	0.30	2.34	.08
5-251	.631	.007	.062	.003	5-251	16.03	0.18	1.57	.08	5-604	1.342	.012	.141	.004	5-604	34.09	0.30	3.58	.10
5-005	.640	.007	.080	.003	5-005	16.26	0.18	2.03	.08	5-605	1.401	.014	.141	.004	5-605	35.59	0.36	3.58	.10
5-136	.643	.007	.031	.003	5-136	16.33	0.18	0.79	.08	5-780	1.412	.014	.073	.003	5-780	35.86	0.36	1.85	.08
5-643	.650	.007	.045	.003	5-643	16.51	0.18	1.14	.08	5-008	1.421	.014	.080	.003	5-008	36.09	0.36	2.03	.08
5-252	.652	.007	.070	.003	5-252	16.56	0.18	1.78	.08	5-670	1.437	.014	.070	.003	5-670	36.40	0.36	1.78	.08
5-254	.660	.007	.064	.003	5-254	16.76	0.18	1.63	.08	5-142	1.450	.014	.047	.003	5-142	36.83	0.36	1.19	.08
5-743	.660	.007	.141	.004	5-743	16.76	0.18	3.58	.10	5-312	1.454	.014	.105	.004	5-312	36.93	0.36	2.67	.10
5-592	.665	.007	.106	.004	5-592	16.89	0.18	2.69	.10	5-657	1.465	.014	.103	.003	5-657	37.21	0.36	2.62	.08
5-256	.707	.008	.103	.003	5-256	17.96	0.20	2.62	.08	5-606	1.468	.014	.141	.004	5-606	37.29	0.36	3.58	.10
5-594	.720	.008	.141	.004	5-594	18.29	0.20	3.58	.10	5-980	1.475	.014	.275	.006	5-980	37.47	0.36	6.99	.15
5-257	.722	.008	.113	.004	5-257	18.34	0.20	2.87	.10	5-024	1.515	.015	.125	.004	5-024	38.48	0.38	3.18	.10
5-593	.724	.008	.106	.004	5-593	18.39	0.20	2.69	.10	5-320	1.540	.015	.070	.003	5-320	39.12	0.38	1.78	.08
5-181	.725	.008	.040	.003	5-181	18.42	0.20	1.02	.08	5-158	1.550	.015	.092	.003	5-158	39.37	0.38	2.34	.08
5-964	.744	.008	.109	.004	5-964	18.90	0.20	2.77	.10	5-009	1.553	.015	.080	.003	5-009	39.45	0.38	2.03	.08
5-263	.750	.008	.061	.003	5-263	19.05	0.20	1.55	.08	5-321	1.559	.015	.139	.004	5-321	39.60	0.38	3.53	.10
5-264	.752	.008	.070	.003	5-264	19.10	0.20	1.78	.08	5-788	1.591	.015	.071	.003	5-788	40.41	0.38	1.80	.08
5-266	.766	.008	.080	.003	5-266	19.46	0.20	2.03	.08	5-327	1.640	.015	.139	.004	5-327	41.66	0.38	3.53	.10
5-137	.775	.008	.031	.003	5-137	19.69	0.20	0.79	.08	5-143	1.670	.015	.047	.003	5-143	42.42	0.38	1.19	.08
5-595	.779	.008	.141	.004	5-595	19.79	0.20	3.58	.10	5-329	1.670	.015	.070	.003	5-329	42.42	0.38	1.78	.08
5-006	.796	.008	.080	.003	5-006	20.22	0.20	2.03	.08	5-1018	1.671	.015	.139	.004	5-1018	42.44	0.38	3.53	.10
5-751	.820	.009	.150	.005	5-751	20.83	0.23	3.81	.13	5-330	1.674	.015	.210	.005	5-330	42.52	0.38	5.33	.13
5-003	.836	.009	.059	.003	5-003	21.23	0.23	1.50	.08	5-671	1.680	.015	.080	.003	5-671	42.67	0.38	2.03	.08
5-596	.838	.009	.141	.004	5-596	21.29	0.23	3.58	.10	5-025	1.765	.016	.125	.004	5-025	44.83	0.41	3.18	.10
5-708	.850	.009	.045	.003	5-708	21.59	0.23	1.14	.08	5-035	1.786	.016	.139	.004	5-035	45.36	0.41	3.53	.10
5-753	.857	.009	.123	.004	5-753	21.77	0.23	3.12	.10	5-1023	1.788	.016	.070	.003	5-1023	45.42	0.41	1.78	.08
5-049	.871	.009	.140	.004	5-049	22.12	0.23	3.56	.10	5-335	1.802	.016	.062	.003	5-335	45.77	0.41	1.57	.08
5-273	.879	.009	.040	.003	5-273	22.33	0.23	1.02	.08	5-794	1.812	.016	.070	.003	5-794	46.02	0.41	1.78	.08
5-022	.890	.009	.125	.004	5-022	22.61	0.23	3.18	.10	5-1042	1.817	.016	.257	.006	5-1042	46.15	0.41	6.53	.15
5-138	.898	.009	.031	.003	5-138	22.81	0.23	0.79	.08	5-795	1.850	.016	.070	.003	5-795	46.99	0.41	1.78	.08
5-597	.905	.009	.141	.004	5-597	22.99	0.23	3.58	.10	5-9 81	1.850	.016	.275	.006	5-981	46.99	0.41	6.99	.15
5-598	.968	.010	.141	.004	5-598	24.59	0.25	3.58	.10	5-011	1.860	.016	.080	.003	5-011	47.24	0.41	2.03	.08
5-278	.979	.010	.103	.003	5-278	24.87	0.25	2.62	.08	5-337	1.873	.016	.062	.003	5-337	47.57	0.41	1.57	.08
5-139	.987	.010	.031	.003	5-139	25.07	0.25	0.79	.08	5-1043	1.882	.017	.118	.004	5-1043	47.80	0.43	3.00	.10
5-709	1.000	.010	.055	.003	5-709	25.40	0.25	1.40	.08	5-144	1.891	.017	.047	.003	5-144	48.03	0.43	1.19	.08
5-677	1.004	.010	.081	.003	5-677	25.50	0.25	2.06	.08	5-796	1.913	.017	.070	.003	5-796	48.59	0.43	1.78	.08
5-279	1.004	.010	.218	.005	5-279	25.50	0.25	5.54	.13	5-338	1.925	.017	.210	.005	5-338	48.90	0.43	5.33	.13
5-761	1.010	.010	.062	.003	5-761	25.65	0.25	1.57	.08	5-701	1.937	.017	.139	.004	5-701	49.20	0.43	3.53	.10
5-618	1.016	.010	.139	.004	5-618	25.81	0.25	3.53	.10	5-342	1.980	.017	.038	.003	5-342	50.29	0.43	0.97	.08
5-599	1.031	.010	.141	.004	5-599	26.19	0.25	3.58	.10	5-343	2.000	.018	.075	.003	5-343	50.80	0.46	1.91	.08

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5-655	2.020	.018	.070	.003	5-655	51.31	0.46	1.78	.08	5-031	3.640	.028	.125	.004	5-031	92.46	0.71	3.18	.10
5-037	2.036	.018	.139	.004	5-037	51.71	0.46	3.53	.10	5-828	3.661	.028	.090	.003	5-828	92.99	0.71	2.29	.08
5-346	2.046	.018	.139	.004	5-346	51.97	0.46	3.53	.10	5-986	3.725	.028	.275	.006	5-986	94.62	0.71	6.99	.15
5-642	2.051	.018	.070	.003	5-642	52.10	0.46	1.78	.08	5-390	3.957	.028	.147	.004	5-390	100.51	0.71	3.73	.10
5-1044	2.060	.018	.139	.004	5-1044	52.32	0.46	3.53	.10	5-987	3.975	.028	.275	.006	5-987	100.97	0.71	6.99	.15
5-027	2.140	.018	.125	.004	5-027	54.36	0.46	3.18	.10	5-831	4.020	.030	.147	.004	5-831	102.11	0.76	3.73	.10
5-1046	2.140	.018	.315	.010	5-1046	54.36	0.46	8.00	.25	5-1054	4.080	.030	.209	.005	5-1054	103.63	0.76	5.31	.13
5-145	2.141	.018	.047	.003	5-145	54.38	0.46	1.19	.08	5-833	4.085	.030	.103	.003	5-833	103.76	0.76	2.62	.08
5-347	2.163	.018	.062	.003	5-347	54.94	0.46	1.57	.08	5-394	4.096	.030	.070	.003	5-394	104.04	0.76	1.78	.08
5-348	2.172	.018	.070	.003	5-348	55.17	0.46	1.78	.08	5-988	4.100	.030	.275	.006	5-988	104.14	0.76	6.99	.15
5-800	2.225	.018	.275	.006	5-800	56.52	0.46	6.99	.15	5-395	4.117	.030	.070	.003	5-395	104.57	0.76	1.78	.08
5-1047	2.281	.020	.093	.003	5-1047	57.94	0.51	2.36	.08	5-396	4.171	.030	.070	.003	5-396	105.94	0.76	1.78	.08
5-015	2.296	.020	.080	.003	5-015	58.32	0.51	2.03	.08	5-989	4.225	.030	.275	.006	5-989	107.32	0.76	6.99	.15
5-702	2.312	.020	.139	.004	5-702	58.72	0.51	3.53	.10	5-060	4.390	.030	.044	.003	5-060	111.51	0.76	1.12	.08
5-039	2.411	.020	.139	.004	5-039	61.24	0.51	3.53	.10	5-836	4.427	.030	.140	.004	5-836	112.45	0.76	3.56	.10
5-354	2.471	.020	.070	.003	5-354	62.76	0.51	1.78	.08	5-401	4.531	.030	.070	.003	5-401	115.09	0.76	1.78	.08
5-355	2.524	.020	.103	.003	5-355	64.11	0.51	2.62	.08	5-1060	4.609	.033	.150	.004	5-1060	117.07	0.84	3.81	.10
5-805	2.535	.020	.070	.003	5-805	64.39	0.51	1.78	.08	5-840	4.630	.033	.139	.004	5-840	117.60	0.84	3.53	.10
5-703	2.563	.020	.139	.004	5-703	65.10	0.51	3.53	.10	5-842	4.664	.035	.122	.004	5-842	118.47	0.89	3.10	.10
5-358	2.576	.020	.082	.003	5-358	65.43	0.51	2.08	.08	5-844	4.682	.035	.140	.004	5-844	118.92	0.89	3.56	.10
5-361	2.671	.022	.139	.004	5-361	67.84	0.56	3.53	.10	5-402	4.750	.035	.188	.005	5-402	120.65	0.89	4.78	.13
5-159	2.683	.022	.115	.004	5-159	68.15	0.56	2.92	.10	5-848	4.875	.035	.060	.003	5-848	123.83	0.89	1.52	.08
5-982	2.725	.022	.275	.006	5-982	69.22	0.56	6.99	.15	5-850	4.925	.035	.260	.006	5-850	125.10	0.89	6.60	.15
5-807	2.782	.022	.103	.003	5-807	70.66	0.56	2.62	.08	5-403	4.930	.035	.103	.003	5-403	125.22	0.89	2.62	.08
5-704	2.812	.022	.139	.004	5-704	71.42	0.56	3.53	.10	5-851	4.984	.035	.147	.004	5-851	126.59	0.89	3.73	.10
5-042	2.846	.022	.139	.004	5-042	72.29	0.56	3.53	.10	5-852	5.030	.035	.210	.005	5-852	127.76	0.89	5.33	.13
5-697	2.878	.022	.080	.003	5-697	73.10	0.56	2.03	.08	5-853	5.057	.035	.233	.006	5-853	128.45	0.89	5.92	.15
5-367	2.924	.022	.103	.003	5-367	74.27	0.56	2.62	.08	5-559	5.236	.035	.214	.005	5-559	133.00	0.89	5.44	.13
5-705	2.937	.022	.139	.004	5-705	74.60	0.56	3.53	.10	5-407	5.249	.035	.123	.004	5-407	133.32	0.89	3.12	.10
5-368	3.020	.024	.103	.003	5-368	76.71	0.61	2.62	.08	5-408	5.265	.035	.139	.004	5-408	133.73	0.89	3.53	.10
5-044	3.036	.024	.139	.004	5-044	77.11	0.61	3.53	.10	5-410	5.340	.035	.070	.003	5-410	135.64	0.89	1.78	.08
5-369	3.037	.024	.103	.003	5-369	77.14	0.61	2.62	.08	5-412	5.414	.035	.103	.003	5-412	137.52	0.89	2.62	.08
5-810	3.041	.024	.062	.003	5-810	77.24	0.61	1.57	.08	5-855	5.444	.035	.124	.004	5-855	138.28	0.89	3.15	.10
5-811	3.060	.024	.112	.004	5-811	77.72	0.61	2.84	.10	5-856	5.465	.035	.070	.003	5-856	138.81	0.89	1.78	.08
5-1052	3.080	.024	.111	.004	5-1052	78.23	0.61	2.82	.10	5-413	5.475	.035	.164	.005	5-413	139.07	0.89	4.17	.13
5-374	3.112	.024	.070	.003	5-374	79.04	0.61	1.78	.08	5-414	5.487	.035	.062	.003	5-414	139.37	0.89	1.57	.08
5-557	3.125	.024	.103	.003	5-557	79.38	0.61	2.62	.08	5-858	5.500	.035	.168	.005	5-858	139.70	0.89	4.27	.13
5-813	3.130	.024	.100	.003	5-813	79.50	0.61	2.54	.08	5-416	5.553	.035	.120	.004	5-416	141.05	0.89	3.05	.10
5-815	3.156	.024	.060	.003	5-815	80.16	0.61	1.52	.08	5-062	5.604	.040	.070	.003	5-062	142.34	1.02	1.78	.08
5-045	3.161	.024	.139	.004	5-045	80.29	0.61	3.53	.10	5-417	5.616	.040	.127	.004	5-417	142.65	1.02	3.23	.10
5-816	3.162	.024	.070	.003	5-816	80.31	0.61	1.78	.08	5-063	5.750	.040	.070	.003	5-063	146.05	1.02	1.78	.08
5-819	3.210	.024	.103	.003	5-819	81.53	0.61	2.62	.08	5-862	5.789	.040	.252	.006	5-862	147.04	1.02	6.40	.15
5-984	3.225	.024	.275	.006	5-984	81.92	0.61	6.99	.15	5-863	5.815	.040	.140	.004	5-863	147.70	1.02	3.56	.10
5-821	3.300	.026	.070	.003	5-821	83.82	0.66	1.78	.08	5-421	5.882	.040	.110	.004	5-421	149.40	1.02	2.79	.10
5-825	3.350	.026	.275	.006	5-825	85.09	0.66	6.99	.15	5-573	5.968	.040	.070	.003	5-573	151.59	1.02	1.78	.08
5-1053	3.354	.026	.070	.003	5-1053	85.19	0.66	1.78	.08	5-567	5.985	.040	.070	.003	5-567	152.02	1.02	1.78	.08
5-380	3.363	.026	.155	.005	5-380	85.42	0.66	3.94	.13	5-1041	6.023	.040	.103	.003	5-1041	152.98	1.02	2.62	.08
5-979	3.443	.026	.275	.006	5-979	87.45	0.66	6.99	.15	5-064	6.350	.040	.275	.006	5-064	161.29	1.02	6.99	.15
5-381	3.475	.026	.275	.006	5-381	88.27	0.66	6.99	.15	5-428	6.361	.040	.108	.004	5-428	161.57	1.02	2.74	.10
5-985	3.600	.026	.275	.006	5-985	91.44	0.66	6.99	.15	5-430	6.482	.040	.170	.005	5-430	164.64	1.02	4.32	.13

(a) The rubber compound must be added when ordering by the 5-size number (i.e., N0674-70 5-007).
 (b) This chart provides dimensions for standard (AN) shrinkage materials ONLY. These correspond to AS568A dimensions. O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions and tolerances. For more information on shrinkage rates, see the Appendix.

Table 9-3: Parker Series 5-XXX O-Rings Size Cross Reference Table

Parker Series 5-XXX O-Ring Sizes (Continued)

Std 5-Size	Inches				Metric 5-Size	Millimeters				Std 5-Size	Inches				Metric 5-Size	Millimeters			
	I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±		I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±
5-666	6.520	.040	.070	.003	5-666	165.61	1.02	1.78	.08	5-569	12.475	.070	.139	.004	5-569	316.87	1.78	3.53	.10
5-869	6.609	.045	.139	.004	5-869	167.87	1.14	3.53	.10	5-905	12.623	.070	.140	.004	5-905	320.62	1.78	3.56	.10
5-434	7.108	.045	.275	.006	5-434	180.54	1.14	6.99	.15	5-906	12.705	.070	.070	.003	5-906	322.71	1.78	1.78	.08
5-696	7.110	.045	.103	.003	5-696	180.59	1.14	2.62	.08	5-907	12.725	.070	.275	.006	5-907	323.22	1.78	6.99	.15
5-691	7.139	.045	.072	.003	5-691	181.33	1.14	1.83	.08	5-908	12.840	.070	.139	.004	5-908	326.14	1.78	3.53	.10
5-873	7.230	.045	.070	.003	5-873	183.64	1.14	1.78	.08	5-611	12.900	.070	.159	.005	5-611	327.66	1.78	4.04	.13
5-975	7.425	.045	.260	.006	5-975	188.60	1.14	6.60	.15	5-619	12.915	.070	.139	.004	5-619	328.04	1.78	3.53	.10
5-875	7.580	.050	.210	.005	5-875	192.53	1.27	5.33	.13	5-492	13.248	.070	.139	.004	5-492	336.50	1.78	3.53	.10
5-438	7.613	.050	.070	.003	5-438	193.37	1.27	1.78	.08	5-070	13.270	.070	.139	.004	5-070	337.06	1.78	3.53	.10
5-439	7.640	.050	.125	.004	5-439	194.06	1.27	3.18	.10	5-910	13.375	.070	.210	.005	5-910	339.73	1.78	5.33	.13
5-876	7.674	.050	.210	.005	5-876	194.92	1.27	5.33	.13	5-071	13.410	.070	.139	.004	5-071	340.61	1.78	3.53	.10
5-877	7.802	.050	.104	.003	5-877	198.17	1.27	2.64	.08	5-072	13.460	.070	.210	.005	5-072	341.88	1.78	5.33	.13
5-445	8.277	.050	.275	.006	5-445	210.24	1.27	6.99	.15	5-493	13.490	.070	.139	.004	5-493	342.65	1.78	3.53	.10
5-880	8.350	.050	.275	.006	5-880	212.09	1.27	6.99	.15	5-494	13.541	.070	.210	.005	5-494	343.94	1.78	5.33	.13
5-575	8.875	.055	.070	.003	5-575	225.42	1.40	1.78	.08	5-496	13.616	.070	.141	.004	5-496	345.85	1.78	3.58	.10
5-450	9.071	.055	.062	.003	5-450	230.40	1.40	1.57	.08	5-498	13.650	.070	.139	.004	5-498	346.71	1.78	3.53	.10
5-882	9.162	.055	.210	.005	5-882	232.72	1.40	5.33	.13	5-500	13.718	.070	.275	.006	5-500	348.44	1.78	6.48	.15
5-635	9.370	.055	.103	.003	5-635	238.00	1.40	2.62	.08	5-912	13.734	.070	.139	.004	5-912	348.84	1.78	3.53	.10
5-883	9.820	.060	.103	.003	5-883	249.43	1.52	2.62	.08	5-1097	13.750	.070	.103	.003	5-1097	349.25	1.78	2.62	.08
5-884	9.984	.060	.070	.003	5-884	253.59	1.52	1.78	.08	5-073	13.820	.080	.139	.004	5-073	351.03	2.03	3.53	.10
5-885	10.171	.060	.139	.004	5-885	258.34	1.52	3.53	.10	5-502	14.088	.080	.210	.005	5-502	357.84	2.03	5.33	.13
5-886	10.178	.060	.112	.004	5-886	258.52	1.52	2.84	.10	5-624	14.111	.080	.139	.004	5-624	358.42	2.03	3.53	.10
5-457	10.232	.060	.139	.004	5-457	259.89	1.52	3.53	.10	5-074	14.234	.080	.139	.004	5-074	361.54	2.03	3.53	.10
5-458	10.340	.060	.139	.004	5-458	262.64	1.52	3.53	.10	5-504	14.430	.080	.139	.004	5-504	366.52	2.03	3.53	.10
5-887	10.343	.060	.275	.006	5-887	262.71	1.52	6.99	.15	5-626	14.470	.080	.087	.003	5-626	367.54	2.03	2.21	.08
5-165	10.359	.060	.139	.004	5-165	263.12	1.52	3.53	.10	5-505	14.470	.080	.139	.004	5-505	367.54	2.03	3.53	.10
5-889	10.372	.060	.104	.003	5-889	263.45	1.52	2.64	.08	5-506	14.570	.080	.141	.004	5-506	370.08	2.03	3.58	.10
5-976	10.425	.060	.260	.006	5-976	264.80	1.52	6.60	.15	5-507	14.600	.080	.210	.005	5-507	370.84	2.03	5.33	.13
5-890	10.606	.060	.103	.003	5-890	269.39	1.52	2.62	.08	5-508	14.674	.080	.139	.004	5-508	372.72	2.03	3.53	.10
5-623	10.630	.060	.139	.004	5-623	270.00	1.52	3.53	.10	5-166	14.722	.080	.139	.004	5-166	373.94	2.03	3.53	.10
5-464	10.656	.060	.070	.003	5-464	270.66	1.52	1.78	.08	5-920	14.780	.080	.175	.005	5-920	375.41	2.03	4.45	.13
5-891	10.734	.060	.139	.004	5-891	272.64	1.52	3.53	.10	5-921	14.795	.080	.071	.003	5-921	375.79	2.03	1.80	.08
5-466	10.749	.060	.210	.005	5-466	273.03	1.52	5.33	.10	5-512	15.171	.080	.139	.004	5-512	385.34	2.03	3.53	.10
5-469	10.883	.060	.103	.003	5-469	276.43	1.52	2.62	.08	5-076	15.260	.080	.210	.005	5-076	387.60	2.03	5.33	.13
5-471	10.995	.060	.149	.004	5-471	279.27	1.52	3.78	.10	5-077	15.300	.080	.139	.004	5-077	388.62	2.03	3.53	.10
5-894	10.996	.060	.103	.003	5-894	279.30	1.52	2.62	.10	5-924	15.410	.080	.210	.005	5-924	391.41	2.03	5.33	.13
5-474	11.331	.060	.275	.006	5-474	287.81	1.52	6.99	.15	5-925	15.465	.080	.188	.005	5-925	392.81	2.03	4.78	.13
5-898	11.335	.060	.103	.003	5-898	287.91	1.52	2.62	.08	5-079	15.540	.080	.139	.004	5-079	394.72	2.03	3.53	.10
5-476	11.562	.070	.275	.006	5-476	293.67	1.78	6.99	.15	5-515	15.548	.080	.210	.005	5-515	394.92	2.03	5.33	.13
5-069	11.750	.070	.139	.004	5-069	298.45	1.78	3.53	.10	5-516	15.740	.080	.139	.004	5-516	399.80	2.03	3.53	.10
5-900	12.000	.070	.187	.005	5-900	304.80	1.78	4.75	.15	5-517	15.750	.080	.275	.006	5-517	400.05	2.03	6.99	.15
5-480	12.017	.070	.285	.006	5-480	305.23	1.78	7.24	.15	5-518	16.031	.080	.256	.006	5-518	407.19	2.03	6.50	.15
5-482	12.109	.070	.139	.004	5-482	307.57	1.78	3.53	.10	5-571	16.234	.090	.139	.004	5-571	412.34	2.29	3.53	.10
5-164	12.160	.070	.210	.005	5-164	308.86	1.78	5.33	.13	5-930	16.285	.090	.250	.006	5-930	413.64	2.29	6.35	.15
5-901	12.234	.070	.139	.004	5-901	310.74	1.78	3.53	.10	5-520	16.435	.090	.139	.004	5-520	417.45	2.29	3.53	.10
5-485	12.260	.070	.139	.004	5-485	311.40	1.78	3.53	.10	5-522	16.507	.090	.225	.006	5-522	419.28	2.29	5.72	.15
5-486	12.299	.070	.137	.004	5-486	312.39	1.78	3.48	.10	5-080	16.575	.090	.187	.005	5-080	421.01	2.29	4.75	.13
5-902	12.360	.070	.210	.005	5-902	313.94	1.78	5.33	.13	5-524	16.640	.090	.210	.005	5-524	422.66	2.29	5.33	.13
5-487	12.380	.070	.139	.004	5-487	314.45	1.78	3.53	.10	5-622	16.750	.090	.275	.006	5-622	425.45	2.29	6.99	.15
5-488	12.463	.070	.103	.003	5-488	316.56	1.78	2.62	.08	5-525	16.765	.090	.125	.004	5-525	425.83	2.29	3.18	.10

(a) The rubber compound must be added when ordering by the 5-size number (i.e., N0674-70 5-007).

(b) This chart provides dimensions for standard (AN) shrinkage materials ONLY. These correspond to AS568A dimensions. O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions and tolerances. For more information on shrinkage rates, see the Appendix.

Table 9-3: Parker Series 5-XXX O-Rings Size Cross Reference Table

Parker Series 5-XXX O-Ring Sizes (Continued)

Std 5-Size	Inches				Metric 5-Size	Millimeters				Std 5-Size	Inches				Metric 5-Size	Millimeters			
	I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±		I.D.	Tol ±	W.	Tol ±		I.D.	Tol ±	W	Tol ±
5-935	17.100	.090	.275	.006	5-935	434.34	2.29	6.99	.15	5-088	21.180	.100	.147	.004	5-088	537.97	2.54	3.73	.10
5-526	17.250	.090	.187	.005	5-526	438.15	2.29	4.75	.13	5-547	21.564	.100	.139	.004	5-547	547.73	2.54	3.53	.10
5-082	17.250	.090	.240	.006	5-082	438.15	2.29	6.10	.15	5-953	22.360	.100	.132	.004	5-953	567.94	2.54	3.35	.10
5-528	17.268	.090	.242	.006	5-528	438.61	2.29	6.15	.15	5-089	23.406	.120	.281	.006	5-089	594.51	3.05	7.14	.15
5-937	17.390	.090	.139	.004	5-937	441.71	2.29	3.53	.10	5-551	23.540	.120	.139	.004	5-551	597.92	3.05	3.53	.10
5-529	17.455	.090	.139	.004	5-529	443.36	2.29	3.53	.10	5-090	23.576	.120	.139	.004	5-090	598.83	3.05	3.53	.10
5-1100	17.500	.090	.139	.004	5-1100	444.50	2.29	3.53	.10	5-552	23.612	.120	.275	.006	5-552	599.74	3.05	6.99	.15
5-939	17.870	.090	.210	.005	5-939	453.90	2.29	5.33	.13	5-167	23.780	.120	.375	.007	5-167	604.01	3.05	9.52	.18
5-083	17.910	.090	.139	.004	5-083	454.91	2.29	3.53	.10	5-168	24.875	.120	.250	.006	5-168	631.82	3.05	6.35	.15
5-084	18.062	.090	.281	.006	5-084	458.77	2.29	7.16	.15	5-169	25.153	.120	.214	.005	5-169	638.89	3.05	5.44	.13
5-533	18.169	.090	.096	.003	5-533	461.49	2.29	2.44	.08	5-091	25.474	.120	.139	.004	5-091	647.04	3.05	3.53	.10
5-1102	18.265	.090	.210	.005	5-1102	463.93	2.29	5.33	.13	5-170	25.500	.120	.275	.006	5-170	647.70	3.05	6.99	.15
5-085	18.350	.090	.210	.005	5-085	466.09	2.29	5.33	.13	5-171	26.125	.120	.275	.006	5-171	663.58	3.05	6.99	.15
5-534	18.405	.090	.210	.005	5-534	467.49	2.29	5.33	.13	5-173	26.188	.120	.210	.005	5-173	665.18	3.05	5.33	.13
5-1104	18.500	.090	.188	.005	5-1104	469.90	2.29	4.78	.13	5-631	26.408	.120	.139	.004	5-631	670.76	3.05	3.53	.10
5-1105	18.635	.090	.139	.004	5-1105	473.33	2.29	3.53	.10	5-172	27.485	.120	.275	.006	5-172	698.12	3.05	6.99	.15
5-943	18.870	.100	.275	.006	5-943	479.30	2.54	6.99	.15	5-092	27.625	.120	.275	.006	5-092	701.68	3.05	6.99	.15
5-944	18.880	.100	.139	.004	5-944	479.55	2.54	3.53	.10	5-955	28.801	.140	.275	.006	5-955	731.55	3.56	6.99	.15
5-947	19.380	.100	.139	.004	5-947	492.25	2.54	3.53	.10										
5-541	19.500	.100	.250	.006	5-541	495.30	2.54	6.35	.15										
5-086	19.580	.100	.210	.005	5-086	497.33	2.54	5.33	.13										
5-948	19.725	.100	.210	.005	5-948	501.02	2.54	5.33	.13										
5-950	19.960	.100	.139	.004	5-950	506.98	2.54	3.53	.10										
5-1010	20.609	.100	.139	.004	5-1010	523.47	2.54	3.53	.10										

- (a) The rubber compound must be added when ordering by the 5-size number (i.e., N0674-70 5-007).
- (b) This chart provides dimensions for standard (AN) shrinkage materials ONLY. These correspond to AS568A dimensions. O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions and tolerances. For more information on shrinkage rates, see the Appendix.

Table 9-3: Parker Series 5-XXX O-Rings Size Cross Reference Table