

# International O-ring Standard Sizes

Millimeters			BS Size Reference	Inches		
Internal Diameter (mm)	Internal Diameter Tolerance +/-	Cross Section (mm)		Internal Diameter (inches)	Internal Diameter Tolerance +/-	Cross Section (inches)
1.78	0.13	<b>1.02</b> +/- 0.08	606	0.070	0.005	<b>0.040</b> +/- 0.003
2.54	0.13		607	0.100	0.005	
3.17	0.13	<b>1.78</b> +/- 0.08	801	0.125	0.005	<b>0.070</b> +/- 0.003
4.76	0.13		802	0.187	0.005	
6.35	0.13		803	0.250	0.005	
6.75	0.13		610	0.266	0.005	
7.94	0.13		804	0.313	0.005	
8.73	0.13		611	0.344	0.005	
11.11	0.13		806	0.437	0.005	
36.27	0.38		517	1.428	0.015	
39.45	0.38		519	1.553	0.015	
79.00	0.51		532	3.110	0.020	
85.34	0.51		534	3.360	0.020	
91.70	0.51		536	3.610	0.020	
98.05	0.51		538	3.860	0.020	
104.40	0.51		540	4.110	0.020	
110.74	0.51		542	4.360	0.020	
117.10	0.51		544	4.610	0.020	
123.44	0.51		546	4.860	0.020	
129.40	0.71		548	5.094	0.028	
135.76	0.71		550	5.345	0.028	
138.94	0.71		551	5.470	0.028	
142.11	0.71		552	5.595	0.028	
145.29	0.71		553	5.720	0.028	
148.46	0.71		554	5.845	0.028	
151.64	0.71		555	5.970	0.028	
154.81	0.71	556	6.095	0.028		
158.00	0.71	557	6.220	0.028		
161.16	0.71	558	6.345	0.028		
164.43	0.71	559	6.474	0.028		
167.51	0.71	560	6.595	0.028		
170.69	0.71	561	6.720	0.028		
173.87	0.71	562	6.845	0.028		
9.92	0.13	<b>2.62</b> +/- 0.08	613	0.391	0.005	<b>0.103</b> +/- 0.003
11.91	0.13		614	0.469	0.005	
12.70	0.13		807	0.500	0.005	
13.10	0.13		615	0.516	0.005	
15.08	0.13		616	0.594	0.005	
15.88	0.13		809	0.625	0.005	
17.46	0.13		810	0.687	0.005	
17.86	0.13		617	0.703	0.005	
20.64	0.15		812	0.813	0.006	
22.23	0.15		813	0.875	0.006	
23.81	0.15		814	0.937	0.006	
74.30	0.38		640	2.925	0.015	
77.50	0.38		641	3.051	0.015	
80.60	0.38		642	3.173	0.015	
83.80	0.38		643	3.299	0.015	

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25.80	0.15	<b>3.53</b> +/- 0.10	618	1.016	0.006	<b>0.139</b> +/- 0.004
39.70	0.25		824	1.563	0.010	
41.28	0.25		825	1.625	0.010	
42.86	0.25		826	1.687	0.010	
44.45	0.25		827	1.750	0.010	
46.04	0.25		828	1.813	0.010	
47.62	0.25		829	1.875	0.010	
49.20	0.25		830	1.937	0.010	
50.80	0.25		831	2.000	0.010	
52.40	0.25		832	2.063	0.010	
53.97	0.25		833	2.125	0.010	
55.56	0.25		834	2.187	0.010	
57.15	0.25		835	2.250	0.010	
58.74	0.25		836	2.313	0.010	
60.32	0.25		837	2.375	0.010	
61.90	0.25		838	2.437	0.010	
63.50	0.25		839	2.500	0.010	
65.10	0.25		840	2.563	0.010	
66.67	0.38		841	2.625	0.015	
68.26	0.38		842	2.687	0.015	
69.85	0.38	843	2.750	0.015		
71.44	0.38	844	2.813	0.015		
73.02	0.38	845	2.875	0.015		
74.60	0.38	846	2.937	0.015		
74.63	0.38	<b>5.33</b> +/- 0.13	619	2.938	0.015	<b>0.210</b> +/- 0.005
79.77	0.38		620	3.141	0.015	
89.69	0.38		621	3.531	0.015	
100.00	0.38		622	3.937	0.015	
109.54	0.38		623	4.313	0.015	
117.48	0.38		860	4.625	0.015	
120.65	0.38		861	4.750	0.015	
123.83	0.38		862	4.875	0.015	
127.00	0.58		863	5.000	0.023	
130.18	0.58		864	5.125	0.023	
133.35	0.58		865	5.250	0.023	
136.53	0.58		866	5.375	0.023	
139.70	0.58		867	5.500	0.023	
142.88	0.58		868	5.625	0.023	
146.05	0.58		869	5.750	0.023	
149.23	0.58		870	5.875	0.023	
155.00	0.58	644	6.102	0.023		
161.30	0.58	645	6.350	0.023		
167.70	0.58	646	6.602	0.023		
174.00	0.58	647	6.850	0.023		
114.70	0.38	<b>6.99</b> +/- 0.15	624	4.516	0.015	<b>0.275</b> +/- 0.006
124.60	0.38		625	4.906	0.015	
134.50	0.58		626	5.295	0.023	
155.60	0.58		872	6.126	0.023	
159.50	0.58		627	6.280	0.023	
161.90	0.58		874	6.374	0.023	
166.70	0.58		628	6.563	0.023	
168.30	0.58		876	6.626	0.023	

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174.60	0.58	6.99 +/- 0.15	878	6.874	0.023	0.275 +/- 0.006
181.00	0.76		880	7.126	0.030	
187.30	0.76		882	7.374	0.030	
193.70	0.76		884	7.626	0.030	
200.00	0.76		886	7.874	0.030	
208.92	0.76		674	8.225	0.030	
221.62	0.76		676	8.725	0.030	
234.32	0.76		678	9.225	0.030	
247.00	0.76		680	9.724	0.030	
259.70	0.76		682	10.224	0.030	
272.40	0.76		684	10.724	0.030	
285.10	0.76		686	11.224	0.030	
297.80	0.76		688	11.724	0.030	
310.50	0.76		648	12.224	0.030	
323.20	0.76		649	12.724	0.030	
335.90	0.76		650	13.224	0.030	