

International O-ring Standard Sizes

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
1.78	0.13	1.78 +/- 0.08	-004	0.070	0.005	0.07 +/- 0.003
2.57	0.13		-005	0.101	0.005	
2.90	0.13		-006	0.114	0.005	
3.68	0.13		-007	0.145	0.005	
4.47	0.13		-008	0.176	0.005	
5.28	0.13		-009	0.208	0.005	
6.07	0.13		-010	0.239	0.005	
7.65	0.13		-011	0.301	0.005	
9.25	0.13		-012	0.364	0.005	
10.82	0.13		-013	0.426	0.005	
12.42	0.13		-014	0.489	0.005	
14.00	0.18		-015	0.551	0.007	
15.60	0.23		-016	0.614	0.009	
17.17	0.23		-017	0.676	0.009	
18.77	0.23		-018	0.739	0.009	
20.35	0.23		-019	0.801	0.009	
21.95	0.23		-020	0.864	0.009	
23.52	0.23		-021	0.926	0.009	
25.12	0.25		-022	0.989	0.010	
26.70	0.25		-023	1.051	0.010	
28.30	0.25		-024	1.114	0.010	
29.87	0.28		-025	1.176	0.011	
31.47	0.28		-026	1.239	0.011	
33.05	0.28		-027	1.301	0.011	
34.65	0.33		-028	1.364	0.013	
37.82	0.33		-029	1.489	0.013	
41.00	0.33		-030	1.614	0.013	
44.17	0.38		-031	1.739	0.015	
47.35	0.38		-032	1.864	0.015	
50.52	0.46		-033	1.989	0.018	
53.70	0.46		-034	2.114	0.018	
56.87	0.46		-035	2.239	0.018	
60.05	0.46		-036	2.364	0.018	
63.22	0.46		-037	2.489	0.018	
66.40	0.51		-038	2.614	0.020	
69.57	0.51		-039	2.739	0.020	
72.75	0.51		-040	2.864	0.020	
75.92	0.61		-041	2.989	0.024	
82.27	0.61		-042	3.239	0.024	
88.62	0.61		-043	3.489	0.024	
94.97	0.69		-044	3.739	0.027	
101.32	0.69		-045	3.989	0.027	
107.67	0.76		-046	4.239	0.030	
114.02	0.76		-047	4.489	0.030	
120.37	0.76		-048	4.739	0.030	
126.72	0.94		-049	4.989	0.037	
133.07	0.94		-050	5.239	0.037	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
1.80	0.13	1.80 +/- 0.08	A0018	0.071	0.005	0.071 +/- 0.003
2.00	0.13		A0020	0.079	0.005	
2.24	0.13		A0024	0.088	0.005	
2.50	0.13		A0025	0.098	0.005	
2.80	0.13		A0028	0.110	0.005	
3.15	0.13		A0032	0.124	0.005	
3.55	0.13		A0036	0.140	0.005	
3.75	0.13		A0038	0.140	0.005	
4.00	0.13		A0040	0.157	0.005	
4.50	0.13		A0045	0.177	0.005	
4.87	0.13		A0049	0.192	0.005	
5.00	0.13		A0050	0.197	0.005	
5.15	0.13		A0052	0.205	0.005	
5.30	0.13		A0053	0.209	0.005	
5.60	0.13		A0056	0.220	0.005	
6.00	0.13		A0060	0.236	0.005	
6.30	0.13		A0063	0.248	0.005	
6.70	0.13		A0067	0.264	0.005	
6.90	0.14		A0069	0.272	0.006	
7.10	0.14		A0071	0.280	0.006	
7.50	0.14		A0075	0.295	0.006	
8.00	0.14		A0080	0.315	0.006	
8.50	0.15		A0085	0.335	0.006	
8.75	0.15		A0088	0.344	0.006	
9.00	0.15		A0090	0.354	0.006	
9.50	0.15		A0095	0.374	0.006	
10.00	0.15		A0100	0.394	0.006	
10.60	0.16		A0106	0.441	0.006	
11.20	0.16		A0112	0.471	0.006	
11.80	0.17		A0118	0.465	0.007	
12.50	0.17		A0250	0.492	0.007	
13.20	0.17		A0132	0.520	0.007	
14.00	0.18		A0140	0.551	0.007	
15.00	0.18		A0150	0.591	0.007	
16.00	0.19		A0160	0.630	0.007	
17.00	0.20		A0170	0.669	0.008	
18.00	0.20		A0180	0.709	0.008	
19.00	0.21		A0190	0.748	0.008	
20.00	0.21		A0200	0.787	0.008	
21.20	0.22		A0212	0.835	0.009	
22.40	0.23		A0224	0.882	0.009	
23.60	0.24		A0236	0.929	0.009	
25.00	0.24		A0250	0.984	0.009	
25.80	0.25		A0258	1.016	0.010	
26.50	0.25		A0265	1.043	0.010	
28.00	0.26		A0280	1.102	0.010	
30.00	0.26		A0300	1.181	0.010	
31.50	0.28		A0315	1.240	0.011	
32.50	0.29		A0325	1.280	0.011	
33.50	0.29		A0335	1.319	0.011	
34.50	0.30		A0345	1.358	0.012	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
35.50	0.31	1.80 +/- 0.08	A0355	1.398	0.012	0.071 +/- 0.003
36.50	0.31		A0365	1.437	0.012	
37.50	0.32		A0375	1.476	0.013	
38.70	0.32		A0380	1.524	0.013	
40.00	0.33		A0400	1.575	0.013	
41.20	0.34		A0412	1.622	0.013	
42.50	0.35		A0425	1.673	0.014	
43.70	0.35		A0437	1.720	0.014	
45.00	0.36		A0450	1.772	0.014	
47.50	0.38		A0475	1.870	0.015	
50.00	0.39		A0500	1.969	0.015	
53.00	0.41		A0530	2.087	0.016	
56.00	0.42		A0560	2.205	0.017	
60.00	0.45		A0600	2.362	0.018	
63.00	0.46		A0630	2.480	0.018	
67.00	0.49		A0670	2.638	0.019	
71.00	0.51		A0710	2.795	0.020	
75.00	0.53		A0750	2.953	0.021	
80.00	0.56		A0800	3.150	0.022	
85.00	0.59		A0850	3.460	0.023	
90.00	0.62		A0900	3.543	0.024	
95.00	0.64		A0950	3.740	0.025	
100.00	0.67		A1000	3.937	0.026	
106.00	0.71		A1060	4.173	0.028	
112.00	0.74		A1120	4.409	0.029	
118.00	0.77		A1180	4.646	0.030	
125.00	0.81		A1250	4.921	0.032	
1.24	0.13	2.62 +/- 0.08	-102	0.049	0.005	0.103 +/- 0.003
2.06	0.13		-103	0.081	0.005	
2.84	0.13		-104	0.112	0.005	
3.63	0.13		-105	0.143	0.005	
4.42	0.13		-106	0.174	0.005	
5.23	0.13		-107	0.206	0.005	
6.02	0.13		-108	0.237	0.005	
7.59	0.13		-109	0.299	0.005	
9.19	0.13		-110	0.362	0.005	
10.77	0.13		-111	0.424	0.005	
12.37	0.13		-112	0.487	0.005	
13.94	0.18		-113	0.549	0.007	
15.54	0.23		-114	0.612	0.009	
17.12	0.23		-115	0.674	0.009	
18.72	0.23		-116	0.737	0.009	
20.29	0.25		-117	0.799	0.010	
21.89	0.25		-118	0.862	0.010	
23.47	0.25		-119	0.924	0.010	
25.07	0.25		-120	0.987	0.010	
26.64	0.25		-121	1.049	0.010	
28.24	0.25		-122	1.112	0.010	
29.82	0.30		-123	1.174	0.012	
31.42	0.30		-124	1.237	0.012	
32.99	0.30		-125	1.299	0.012	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
34.59	0.30	2.62 +/- 0.08	-126	1.362	0.012	0.103 +/- 0.003
36.17	0.30		-127	1.424	0.012	
37.77	0.30		-128	1.487	0.012	
39.34	0.38		-129	1.549	0.015	
40.94	0.38		-130	1.612	0.015	
42.52	0.38		-131	1.674	0.015	
44.12	0.38		-132	1.737	0.015	
45.69	0.38		-133	1.799	0.015	
47.29	0.38		-134	1.862	0.015	
48.90	0.43		-135	1.925	0.017	
50.47	0.43		-136	1.987	0.017	
52.07	0.43		-137	2.050	0.017	
53.64	0.43		-138	2.112	0.017	
55.25	0.43		-139	2.175	0.017	
56.82	0.43		-140	2.237	0.017	
58.42	0.51		-141	2.300	0.020	
59.99	0.51		-142	2.362	0.020	
61.60	0.51		-143	2.425	0.020	
63.17	0.51		-144	2.487	0.020	
64.77	0.51		-145	2.550	0.020	
66.34	0.51		-146	2.612	0.020	
67.95	0.56		-147	2.675	0.022	
69.52	0.56		-148	2.737	0.022	
71.12	0.56		-149	2.800	0.022	
72.69	0.56		-150	2.862	0.022	
75.87	0.61		-151	2.987	0.024	
82.22	0.61		-152	3.237	0.024	
88.57	0.61		-153	3.487	0.024	
94.92	0.71		-154	3.737	0.028	
101.27	0.71		-155	3.987	0.028	
107.62	0.76		-156	4.237	0.030	
113.97	0.76		-157	4.487	0.030	
120.32	0.76		-158	4.737	0.030	
126.67	0.89		-159	4.987	0.035	
133.02	0.89		-160	5.237	0.035	
139.37	0.89		-161	5.487	0.035	
145.72	0.89		-162	5.737	0.035	
152.07	0.89		-163	5.987	0.035	
158.42	1.02		-164	6.237	0.040	
164.77	1.02		-165	6.487	0.040	
171.12	1.02		-166	6.737	0.040	
177.47	1.02		-167	6.987	0.040	
183.82	1.14		-168	7.237	0.045	
190.17	1.14		-169	7.487	0.045	
196.52	1.14		-170	7.737	0.045	
202.87	1.14		-171	7.987	0.045	
209.22	1.27		-172	8.237	0.050	
215.57	1.27		-173	8.487	0.050	
221.92	1.27		-174	8.737	0.050	
228.27	1.27		-175	8.987	0.050	
234.62	1.40		-176	9.237	0.055	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
240.97	1.40	2.62 +/- 0.08	-177	9.487	0.055	0.103 +/- 0.003
247.32	1.40		-178	9.737	0.055	
4.50	0.13	2.65 +/- 0.09	B0045	0.177	0.005	0.104 +/- 0.004
5.30	0.13		B0053	0.209	0.005	
6.00	0.13		B0060	0.236	0.005	
6.90	0.14		B0069	0.272	0.006	
8.00	0.14		B0080	0.315	0.006	
9.00	0.15		B0090	0.354	0.006	
9.50	0.15		B0095	0.374	0.006	
10.00	0.15		B0100	0.394	0.006	
10.60	0.16		B0106	0.417	0.006	
11.20	0.16		B0112	0.441	0.006	
11.80	0.17		B0118	0.465	0.007	
12.50	0.17		B0125	0.492	0.007	
13.20	0.17		B0132	0.520	0.007	
14.00	0.18		B0140	0.551	0.007	
15.00	0.18		B0150	0.591	0.007	
16.00	0.19		B0160	0.630	0.007	
17.00	0.20		B0170	0.669	0.008	
18.00	0.20		B0180	0.709	0.008	
19.00	0.21		B0190	0.748	0.008	
20.00	0.21		B0200	0.787	0.008	
21.20	0.22		B0212	0.835	0.009	
22.40	0.23		B0224	0.882	0.009	
23.60	0.24		B0236	0.929	0.009	
25.00	0.24		B0250	0.984	0.009	
25.80	0.25		B0258	1.016	0.010	
26.50	0.25		B0265	1.043	0.010	
28.00	0.26		B0280	1.102	0.010	
30.00	0.27		B0300	1.181	0.011	
31.50	0.28		B0315	1.240	0.011	
32.50	0.29		B0325	1.280	0.011	
33.50	0.29		B0335	1.319	0.011	
34.50	0.30		B0345	1.358	0.012	
35.50	0.31		B0355	1.398	0.012	
36.50	0.31		B0365	1.437	0.012	
37.50	0.32		B0375	1.476	0.013	
38.70	0.32		B0387	1.524	0.013	
40.00	0.33		B0400	1.575	0.013	
41.20	0.34		B0412	1.622	0.013	
42.50	0.35		B0425	1.673	0.014	
43.70	0.35		B0437	1.720	0.014	
45.00	0.36		B0450	1.772	0.014	
46.20	0.37		B0462	1.819	0.015	
47.50	0.38		B0475	1.870	0.015	
48.70	0.38		B0487	1.917	0.015	
50.00	0.39		B0500	1.969	0.015	
51.50	0.40		B0515	2.028	0.016	
53.00	0.41		B0530	2.087	0.016	
54.50	0.42		B0545	2.146	0.017	
56.00	0.42		B0560	2.205	0.017	

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Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
58.00	0.44	2.65 +/- 0.09	B0580	2.283	0.017	0.104 +/- 0.004
60.00	0.45		B0600	2.362	0.018	
61.50	0.45		B0615	2.421	0.018	
63.00	0.46		B0630	2.480	0.018	
65.00	0.48		B0650	2.559	0.019	
67.00	0.49		B0670	2.638	0.019	
69.00	0.50		B0690	2.717	0.020	
71.00	0.51		B0710	2.795	0.020	
73.00	0.52		B0730	2.874	0.020	
75.00	0.53		B0750	2.953	0.021	
80.00	0.56		B0800	3.150	0.022	
85.00	0.59		B0850	3.346	0.023	
90.00	0.62		B0900	3.543	0.024	
95.00	0.64		B0950	3.740	0.025	
100.00	0.67		B1000	3.937	0.026	
106.00	0.71		B1060	4.173	0.028	
112.00	0.74		B1120	4.409	0.029	
118.00	0.77		B1180	4.646	0.030	
125.00	0.81		B1250	4.921	0.032	
132.00	0.85		B1320	5.197	0.033	
140.00	0.89		B1400	5.512	0.035	
150.00	0.95		B1500	5.906	0.037	
160.00	1.00		B1600	6.299	0.039	
170.00	1.06		B1700	6.930	0.042	
180.00	1.11		B1800	7.087	0.044	
190.00	1.17		B1900	7.480	0.046	
200.00	1.22		B2000	7.874	0.048	
212.00	1.29		B2120	8.346	0.051	
224.00	1.35		B2240	8.819	0.053	
230.00	1.39		B2300	9.055	0.055	
236.00	1.42		B2360	9.291	0.056	
243.00	1.46		B2430	9.567	0.057	
250.00	1.49		B2500	9.843	0.059	
4.34	0.13	3.53 +/- 0.10	-201	0.171	0.005	0.139 +/- 0.004
5.94	0.13		-202	0.234	0.005	
7.52	0.13		-203	0.296	0.005	
9.12	0.13		-204	0.359	0.005	
10.69	0.13		-205	0.421	0.005	
12.29	0.13		-206	0.484	0.005	
13.87	0.18		-207	0.546	0.007	
15.47	0.23		-208	0.609	0.009	
17.04	0.23		-209	0.671	0.009	
18.64	0.25		-210	0.734	0.010	
20.22	0.25		-211	0.796	0.010	
21.82	0.25		-212	0.859	0.010	
23.39	0.25		-213	0.921	0.010	
24.99	0.25		-214	0.984	0.010	
26.57	0.25		-215	1.046	0.010	
28.17	0.30		-216	1.109	0.012	
29.74	0.30		-217	1.171	0.012	
31.34	0.30		-218	1.234	0.012	

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Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
32.92	0.30	3.53 +/- 0.10	-219	1.296	0.012	0.139 +/- 0.004
34.52	0.30		-220	1.359	0.012	
36.09	0.30		-221	1.421	0.012	
37.69	0.38		-222	1.484	0.015	
40.87	0.38		-223	1.609	0.015	
44.04	0.38		-224	1.734	0.015	
47.22	0.46		-225	1.859	0.018	
50.39	0.46		-226	1.984	0.018	
53.57	0.46		-227	2.109	0.018	
56.74	0.51		-228	2.234	0.020	
59.92	0.51		-229	2.359	0.020	
63.09	0.51		-230	2.484	0.020	
66.27	0.51		-231	2.609	0.020	
69.44	0.61		-232	2.734	0.024	
72.62	0.61		-233	2.859	0.024	
75.79	0.61		-234	2.984	0.024	
78.97	0.61		-235	3.109	0.024	
82.14	0.61		-236	3.234	0.024	
85.32	0.61		-237	3.359	0.024	
88.49	0.61		-238	3.484	0.024	
91.67	0.71		-239	3.609	0.028	
94.84	0.71		-240	3.734	0.028	
98.02	0.71		-241	3.859	0.028	
101.19	0.71		-242	3.984	0.028	
104.37	0.71		-243	4.109	0.028	
107.54	0.76		-244	4.234	0.030	
110.72	0.76		-245	4.359	0.030	
113.89	0.76		-246	4.484	0.030	
117.07	0.76		-247	4.609	0.030	
120.24	0.76		-248	4.734	0.030	
123.42	0.89		-249	4.859	0.035	
126.59	0.89		-250	4.984	0.035	
129.77	0.89		-251	5.109	0.035	
132.94	0.89		-252	5.234	0.035	
136.12	0.89		-253	5.359	0.035	
139.29	0.89		-254	5.484	0.035	
142.47	0.89		-255	5.609	0.035	
145.64	0.89		-256	5.734	0.035	
148.82	0.89		-257	5.859	0.035	
151.99	0.89		-258	5.984	0.035	
158.34	1.02		-259	6.234	0.040	
164.69	1.02		-260	6.484	0.040	
171.04	1.02		-261	6.734	0.040	
177.39	1.02		-262	6.984	0.040	
183.74	1.14		-263	7.234	0.045	
190.09	1.14		-264	7.484	0.045	
196.44	1.14		-265	7.734	0.045	
202.79	1.14		-266	7.984	0.045	
209.14	1.27		-267	8.234	0.050	
215.49	1.27		-268	8.484	0.050	
221.84	1.27		-269	8.734	0.050	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
228.19	1.27	3.53 +/- 0.10	-270	8.984	0.050	0.139 +/- 0.004
234.54	1.40		-271	9.234	0.055	
240.89	1.40		-272	9.484	0.055	
247.24	1.40		-273	9.734	0.055	
253.59	1.40		-274	9.984	0.055	
266.29	1.40		-275	10.484	0.055	
278.99	1.65		-276	10.984	0.065	
291.69	1.65		-277	11.484	0.065	
304.39	1.65		-278	11.984	0.065	
329.79	1.65		-279	12.984	0.065	
355.19	1.65		-280	13.984	0.065	
380.59	1.65		-281	14.984	0.065	
405.26	1.91		-282	15.955	0.075	
430.66	2.03		-283	16.955	0.080	
456.06	2.16		-284	17.955	0.085	
14.00	0.18	3.55 +/- 0.10	C0140	0.551	0.007	0.140 +/- 0.004
15.00	0.18		C0150	0.591	0.007	
16.00	0.19		C0160	0.630	0.007	
17.00	0.20		C0170	0.669	0.008	
18.00	0.20		C0180	0.709	0.008	
19.00	0.21		C0190	0.748	0.008	
20.00	0.21		C0200	0.787	0.008	
21.20	0.22		C0212	0.835	0.009	
22.40	0.23		C0224	0.882	0.009	
23.60	0.24		C0236	0.929	0.009	
25.00	0.24		C0250	0.984	0.009	
25.80	0.25		C0258	1.016	0.010	
26.50	0.25		C0265	1.043	0.010	
28.00	0.26		C0280	1.102	0.010	
30.00	0.27		C0300	1.181	0.011	
31.50	0.28		C0315	1.240	0.011	
32.50	0.29		C0325	1.280	0.011	
33.50	0.29		C0335	1.319	0.011	
34.50	0.30		C0345	1.358	0.012	
35.50	0.31		C0355	1.398	0.012	
36.50	0.31		C0365	1.437	0.012	
37.50	0.32		C0375	1.476	0.012	
38.70	0.32		C0387	1.524	0.013	
40.00	0.33		C0400	1.575	0.013	
41.20	0.34		C0412	1.622	0.013	
42.50	0.35		C0425	1.673	0.014	
43.70	0.35		C0437	1.720	0.014	
45.00	0.36		C0450	1.772	0.014	
46.20	0.37		C0462	1.819	0.015	
47.50	0.38		C0475	1.870	0.015	
48.70	0.38		C0487	1.917	0.015	
50.00	0.39		C0500	1.969	0.015	
51.50	0.40		C0515	2.028	0.016	
53.00	0.41		C0530	2.087	0.016	
54.50	0.42		C0545	2.146	0.017	
56.00	0.42		C0560	2.205	0.017	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
58.00	0.44	3.55 +/- 0.10	C0580	2.283	0.017	0.140 +/- 0.004
60.00	0.45		C0600	2.362	0.018	
61.50	0.45		C0615	2.421	0.018	
63.00	0.46		C0630	2.480	0.018	
65.00	0.48		C0650	2.559	0.019	
67.00	0.49		C0670	2.638	0.019	
69.00	0.50		C0690	2.717	0.020	
71.00	0.51		C0710	2.795	0.020	
73.00	0.52		C0730	2.874	0.020	
75.00	0.53		C0750	2.953	0.021	
77.50	0.55		C0775	3.051	0.022	
80.00	0.56		C0800	3.150	0.022	
82.50	0.57		C0825	3.248	0.022	
85.00	0.59		C0850	3.346	0.023	
87.50	0.60		C0875	3.445	0.024	
90.00	0.62		C0900	3.543	0.024	
92.50	0.63		C0925	3.642	0.025	
95.00	0.64		C0950	3.740	0.025	
97.50	0.66		C0975	3.839	0.026	
100.00	0.67		C1000	3.937	0.026	
103.00	0.69		C1030	4.055	0.027	
106.00	0.71		C1060	4.173	0.028	
109.00	0.72		C1090	4.291	0.028	
112.00	0.74		C1120	4.409	0.029	
115.00	0.76		C1150	4.528	0.030	
118.00	0.77		C1180	4.646	0.030	
122.00	0.80		C1220	4.803	0.031	
125.00	0.81		C1250	4.921	0.032	
128.00	0.83		C1280	5.039	0.033	
132.00	0.85		C1320	5.197	0.033	
136.00	0.87		C1360	5.354	0.034	
140.00	0.89		C1400	5.512	0.035	
145.00	0.92		C1450	5.709	0.036	
150.00	0.95		C1500	5.906	0.037	
155.00	0.98		C1550	6.102	0.039	
160.00	1.00		C1600	6.299	0.039	
165.00	1.03		C1650	6.496	0.041	
170.00	1.06		C1700	6.693	0.042	
175.00	1.09		C1750	6.890	0.043	
180.00	1.11		C1800	7.087	0.044	
185.00	1.14		C1850	7.283	0.045	
190.00	1.17		C1900	7.480	0.046	
195.00	1.20		C1950	7.677	0.047	
200.00	1.22		C2000	7.874	0.048	
212.00	1.29		C2120	8.346	0.051	
218.00	1.32		C2180	8.523	0.052	
224.00	1.35		C2240	8.819	0.053	
230.00	1.39		C2300	9.055	0.055	
236.00	1.42		C2360	9.291	0.056	
250.00	1.49		C2500	9.843	0.059	
258.00	1.54		C2580	10.157	0.061	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
265.00	1.57	3.55 +/- 0.10	C2650	10.433	0.062	0.140 +/- 0.004
280.00	1.65		C2800	11.024	0.065	
290.00	1.71		C2900	11.417	0.067	
300.00	1.76		C3000	11.811	0.069	
307.00	1.80		C3070	12.087	0.071	
315.00	1.84		C3150	12.402	0.072	
335.00	1.95		C3350	13.189	0.077	
355.00	2.06		C3550	13.976	0.081	
37.50	0.32	5.30 +/- 0.13	D0375	1.476	0.012	0.209 +/- 0.005
38.70	0.32		D0387	1.524	0.013	
40.00	0.33		D0400	1.575	0.013	
41.20	0.34		D0412	1.622	0.013	
42.50	0.35		D0425	1.673	0.014	
43.70	0.35		D0437	1.720	0.014	
45.00	0.36		D0450	1.772	0.014	
46.20	0.37		D0462	1.819	0.015	
47.50	0.38		D0475	1.870	0.015	
48.70	0.38		D0487	1.917	0.015	
50.00	0.39		D0500	1.969	0.015	
51.50	0.40		D0515	2.028	0.016	
53.00	0.41		D0530	2.087	0.016	
54.50	0.42		D0545	2.146	0.017	
56.00	0.42		D0560	2.205	0.017	
58.00	0.44		D0580	2.283	0.017	
60.00	0.45		D0600	2.362	0.018	
61.50	0.45		D0615	2.421	0.018	
63.00	0.46		D0630	2.480	0.018	
65.00	0.48		D0650	2.559	0.019	
67.00	0.49		D0670	2.638	0.019	
69.00	0.50		D0690	2.717	0.020	
71.00	0.51		D0710	2.795	0.020	
73.00	0.52		D0730	2.874	0.020	
75.00	0.53		D0750	2.953	0.021	
77.50	0.55		D0775	3.051	0.022	
80.00	0.56		D0800	3.150	0.022	
82.50	0.57		D0825	3.248	0.022	
85.00	0.59		D0850	3.346	0.023	
87.50	0.60		D0875	3.445	0.024	
90.00	0.62		D0900	3.543	0.024	
92.50	0.63		D0925	3.642	0.025	
95.00	0.64		D0950	3.740	0.025	
97.50	0.66		D0975	3.839	0.026	
100.00	0.67		D1000	3.937	0.026	
103.00	0.69		D1030	4.055	0.027	
106.00	0.71		D1060	4.173	0.028	
109.00	0.72		D1090	4.291	0.028	
112.00	0.74		D1120	4.409	0.029	
115.00	0.76		D1150	4.528	0.030	
118.00	0.77		D1180	4.646	0.030	
122.00	0.80		D1220	4.803	0.031	
125.00	0.81		D1250	4.921	0.032	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
128.00	0.83	5.30 +/- 0.13	D1280	5.039	0.033	0.209 +/- 0.005
132.00	0.85		D1320	5.197	0.033	
136.00	0.87		D1360	5.354	0.034	
140.00	0.89		D1400	5.512	0.035	
145.00	0.92		D1450	5.709	0.036	
150.00	0.95		D1500	5.906	0.037	
155.00	0.98		D1550	6.102	0.039	
160.00	1.00		D1600	6.299	0.039	
165.00	1.03		D1650	6.496	0.041	
170.00	1.06		D1700	6.693	0.042	
175.00	1.09		D1750	6.890	0.043	
180.00	1.11		D1800	7.087	0.044	
185.00	1.14		D1850	7.283	0.045	
190.00	1.17		D1900	7.480	0.046	
195.00	1.20		D1950	7.677	0.047	
200.00	1.22		D2000	7.874	0.048	
10.46	0.13	5.33 +/- 0.13	-390	0.412	0.005	0.210 +/- 0.005
12.07	0.13		-310	0.475	0.005	
13.64	0.18		-311	0.537	0.007	
15.24	0.23		-312	0.600	0.009	
16.81	0.23		-313	0.662	0.009	
18.42	0.25		-314	0.725	0.010	
19.99	0.25		-315	0.787	0.010	
21.59	0.25		-316	0.850	0.010	
23.16	0.25		-317	0.912	0.010	
24.77	0.25		-318	0.975	0.010	
26.34	0.25		-319	1.037	0.010	
27.94	0.30		-320	1.100	0.012	
29.51	0.30		-321	1.162	0.012	
31.12	0.30		-322	1.225	0.012	
32.69	0.30		-323	1.287	0.012	
34.29	0.30		-324	1.350	0.012	
37.47	0.38		-325	1.475	0.015	
40.64	0.38		-326	1.600	0.015	
43.82	0.38		-327	1.725	0.015	
46.99	0.38		-328	1.850	0.015	
50.17	0.46		-329	1.975	0.018	
53.34	0.46		-330	2.100	0.018	
56.52	0.46		-331	2.225	0.018	
59.69	0.46		-332	2.350	0.018	
62.87	0.51		-333	2.475	0.020	
66.04	0.51		-334	2.600	0.020	
69.22	0.51		-335	2.725	0.020	
72.39	0.51		-336	2.850	0.020	
75.57	0.61		-337	2.975	0.024	
78.74	0.61		-338	3.100	0.024	
81.92	0.61		-339	3.225	0.024	
85.09	0.61		-340	3.350	0.024	
88.27	0.61		-341	3.475	0.024	
91.44	0.71		-342	3.600	0.028	
94.62	0.71		-343	3.725	0.028	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
97.79	0.71	5.33 +/- 0.13	-344	3.850	0.028	0.210 +/- 0.005
100.97	0.71		-345	3.975	0.028	
104.14	0.71		-346	4.100	0.028	
107.32	0.76		-347	4.225	0.030	
110.49	0.76		-348	4.350	0.030	
113.67	0.76		-349	4.475	0.030	
116.84	0.76		-350	4.600	0.030	
120.02	0.76		-351	4.725	0.030	
123.19	0.76		-352	4.850	0.030	
126.37	0.94		-353	4.975	0.037	
129.54	0.94		-354	5.100	0.037	
132.72	0.94		-355	5.225	0.037	
135.89	0.94		-356	5.350	0.037	
139.07	0.94		-357	5.475	0.037	
142.24	0.94		-358	5.600	0.037	
145.42	0.94		-359	5.725	0.037	
148.59	0.94		-360	5.850	0.037	
151.77	0.94		-361	5.975	0.037	
158.12	1.02		-362	6.225	0.040	
164.47	1.02		-363	6.475	0.040	
170.82	1.02		-364	6.725	0.040	
177.17	1.02		-365	6.975	0.040	
183.52	1.14		-366	7.225	0.045	
189.87	1.14		-367	7.475	0.045	
196.22	1.14		-368	7.725	0.045	
202.57	1.14		-369	7.975	0.045	
208.92	1.27		-370	8.225	0.050	
215.27	1.27		-371	8.475	0.050	
221.62	1.27		-372	8.725	0.050	
227.97	1.27		-373	8.975	0.050	
234.32	1.40		-374	9.225	0.055	
240.67	1.40		-375	9.475	0.055	
247.02	1.40		-376	9.725	0.055	
253.37	1.40		-377	9.975	0.055	
266.07	1.52		-378	10.475	0.060	
278.77	1.52		-379	10.975	0.060	
291.47	1.65		-380	11.475	0.065	
304.17	1.65		-381	11.975	0.065	
329.57	1.65		-382	12.975	0.065	
354.97	1.78		-383	13.975	0.070	
380.37	1.78		-384	14.975	0.070	
405.26	1.91		-385	15.955	0.075	
430.66	2.03		-386	16.955	0.080	
456.06	2.16		-387	17.955	0.085	
481.46	2.29		-388	18.955	0.090	
506.86	2.41		-389	19.955	0.095	
532.26	2.41		-390	20.955	0.095	
557.66	2.54		-391	21.955	0.100	
582.68	2.67		-392	22.940	0.105	
608.08	2.79		-393	23.940	0.110	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
633.48	2.92	5.33 +/- 0.13	-394	24.940	0.115	0.210 +/- 0.005
658.88	3.05		-395	25.940	0.120	
113.67	0.84	6.99 +/- 0.15	-425	4.475	0.033	0.275 +/- 0.006
116.84	0.84		-426	4.600	0.033	
120.02	0.84		-427	4.725	0.033	
123.19	0.84		-428	4.850	0.033	
126.37	0.94		-429	4.975	0.037	
129.54	0.94		-430	5.100	0.037	
132.72	0.94		-431	5.225	0.037	
135.89	0.94		-432	5.350	0.037	
139.07	0.94		-433	5.475	0.037	
142.24	0.94		-434	5.600	0.037	
145.42	0.94		-435	5.725	0.037	
148.59	0.94		-436	5.850	0.037	
151.77	0.94		-437	5.975	0.037	
158.12	1.02		-438	6.225	0.040	
164.47	1.02		-439	6.475	0.040	
170.82	1.02		-440	6.725	0.040	
177.17	1.02		-441	6.975	0.040	
183.52	1.14		-442	7.225	0.045	
189.87	1.14		-443	7.475	0.045	
196.22	1.14		-444	7.725	0.045	
202.57	1.14		-445	7.975	0.045	
215.27	1.40		-446	8.475	0.055	
227.97	1.40		-447	8.975	0.055	
240.67	1.40		-448	9.475	0.055	
253.57	1.40		-449	9.983	0.055	
266.07	1.52		-450	10.475	0.060	
278.77	1.52		-451	10.975	0.060	
291.47	1.52		-452	11.475	0.060	
304.17	1.52		-453	11.975	0.060	
316.87	1.52		-454	12.475	0.060	
329.57	1.52		-455	12.975	0.060	
342.27	1.78		-456	13.475	0.070	
354.97	1.78		-457	13.975	0.070	
367.67	1.78		-458	14.475	0.070	
380.37	1.78		-459	14.975	0.070	
393.07	1.78		-460	15.475	0.070	
405.26	1.91		-461	15.955	0.075	
417.96	1.91		-462	16.455	0.075	
430.66	2.03		-463	16.955	0.080	
443.36	2.16		-464	17.455	0.085	
456.06	2.16		-465	17.955	0.085	
468.76	2.16		-466	18.455	0.085	
481.46	2.29		-467	18.955	0.090	
494.16	2.29		-468	19.455	0.090	
506.86	2.41		-469	19.955	0.095	
532.26	2.41		-470	20.955	0.095	
557.66	2.54		-471	21.955	0.100	
582.68	2.67		-472	22.940	0.105	

Millimetres			ISO 3601 Size Ref	Inches		
Inner Diameter (mm)	Inner Diameter Tolerance +/-	Cross Section (mm)		Inner Diameter (inch)	Inner Diameter Tolerance +/-	Cross Section (inch)
608.08	2.79	6.99 +/- 0.15	-473	23.940	0.110	0.275 +/- 0.006
633.48	2.92		-474	24.940	0.115	
658.88	3.05		-475	25.940	0.120	
109.00	0.72	7.00 +/- 0.15	E1090	4.291	0.028	0.276 +/- 0.006
112.00	0.74		E1120	4.409	0.029	
115.00	0.76		E1150	4.528	0.030	
118.00	0.77		E1180	4.646	0.030	
122.00	0.80		E1220	4.803	0.031	
125.00	0.81		E1250	4.921	0.032	
128.00	0.83		E1280	5.039	0.033	
132.00	0.85		E1320	5.197	0.033	
136.00	0.87		E1360	5.354	0.034	
140.00	0.89		E1400	5.512	0.035	
145.00	0.92		E1450	5.709	0.036	
150.00	0.95		E1500	5.906	0.037	
155.00	0.98		E1550	6.102	0.039	
160.00	1.00		E1600	6.299	0.039	
165.00	1.03		E1650	6.496	0.041	
170.00	1.06		E1700	6.693	0.042	
175.00	1.09		E1750	6.890	0.043	
180.00	1.11		E1800	7.087	0.044	
185.00	1.14		E1850	7.283	0.045	
190.00	1.17		E1900	7.480	0.046	
195.00	1.20		E1950	7.677	0.047	
200.00	1.22		E2000	7.874	0.048	
206.00	1.26		E2060	8.110	0.050	
212.00	1.29		E2120	8.346	0.051	
218.00	1.32		E2180	8.523	0.052	
224.00	1.35		E2240	8.819	0.053	
230.00	1.39		E2300	9.055	0.055	
236.00	1.42		E2360	9.291	0.056	
243.00	1.46		E2430	9.567	0.057	
250.00	1.49		E2500	9.843	0.059	
258.00	1.54		E2580	10.157	0.061	
265.00	1.57		E2650	10.433	0.062	
272.00	1.61		E2720	10.709	0.063	
280.00	1.65		E2800	11.024	0.065	
290.00	1.71		E2900	11.417	0.067	
300.00	1.76		E3000	11.811	0.069	
307.00	1.80		E3070	12.087	0.071	
315.00	1.84		E3150	12.402	0.072	
325.00	1.90		E3250	12.795	0.075	
335.00	1.95		E3350	13.189	0.077	
345.00	2.00		E3450	13.583	0.079	
355.00	2.06		E3550	13.976	0.081	
365.00	2.11		E3650	14.370	0.083	
375.00	2.16		E3750	14.764	0.085	
387.00	2.23		E3870	15.236	0.088	
400.00	2.29		E4000	15.748	0.090	