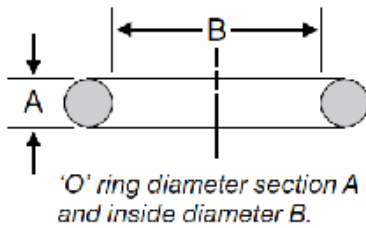




BRITISCH STANDARD O-RING CHART



*** Static/dynamic applications**

An asterisk symbol (*) denotes that the ring is suitable for both dynamic and static applications. Other sizes are not recommended for dynamic duties.



0.040 ±0.003" (1.02 ±0.08mm) Diameter Section A

001	0.029 ±0.004	1/32	3/32	0.74 ±0.10	0.8	2.5
606	0.070 ±0.005	5/64	9/64	1.78 ±0.13	2	3.6
607	0.100 "	7/64	11/64	2.54 "	2.8	4.5

0.050 ±0.003" (1.27 ±0.08mm) Diameter Section A

002	0.042 ±0.004	3/64	0.130	1.07 ±0.10	1.2	3.3
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0.060 ±0.003" (1.52 ±0.08mm) Diameter Section A

003	0.056 ±0.004	1/16	11/64	1.42 ±0.10	1.5	4.1
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0.070 ±0.003" (1.78 ±0.08mm) Diameter Section A

004*	0.070 ±0.005	5/64	13/64	1.78 ±0.13	2	5
005*	0.101 "	7/64	15/64	2.57 "	2.8	6
006*	0.114 "	1/8	1/4	2.90 "	3	6.2
801*	0.125 "	9/64	17/64	3.18 "	3.5	6.5
007*	0.145 "	5/32	9/32	3.68 "	4	7

008*	0.176 "	3/16	5/16	4.47 "	4.5	8
802*	0.188 "	13/64	21/64	4.76 "	5	8.5
009*	0.208 "	7/32	11/32	5.28 "	5.5	9
010*	0.239 "	1/4	3/8	6.07 "	6	9.5
803*	0.250 "	17/64	25/64	6.35 "	6.5	9.8

610*	0.266 "	9/32	13/32	6.75 "	7	10
011*	0.301 "	5/16	7/16	7.65 "	7.5	11
804*	0.313 "	21/64	29/64	7.94 "	8	11.5
611*	0.344 "	11/32	15/32	8.73 "	9	12
012*	0.364 "	3/8	1/2	9.25 "	9.5	12.5

013	0.426 "	7/16	9/16	10.82 "	11	14.2
806	0.438 "	29/64	37/64	11.11 "	11.5	14.5
014	0.489 "	1/2	5/8	12.42 "	12.5	16
015	0.551 ±0.007	9/16	11/16	14.00 ±0.18	14	17.5
016	0.614 ±0.009	5/8	3/4	15.60 ±0.23	15.5	19

017	0.676 "	11/16	13/16	17.17 "	17	20.5
018	0.739 "	3/4	7/8	18.77 "	19	22.5
019	0.801 "	13/16	15/16	20.35 "	20	24
020	0.864 "	7/8	1	21.95 "	22	25.5
021	0.926 "	15/16	11/16	23.52 "	23	27

022	0.989 ±0.010	1	11/8	25.12 ±0.25	25	29
023	1.051 "	11/16	13/16	26.70 "	27	30
024	1.114 "	11/8	11/4	28.30 "	28	32
025	1.176 ±0.011	13/16	15/16	29.87 ±0.28	30	34
026	1.239 "	11/4	13/8	31.47 "	31	35

027	1.301 "	15/16	17/16	33.05 "	32	37
028	1.364 ±0.013	13/8	11/2	34.65 ±0.33	35	38
517	1.428 "	17/16	19/16	36.27 "	36	40
029	1.489 "	11/2	15/8	37.82 "	38	42
519	1.553 "	19/16	111/16	39.45 "	39	43

030	1.614 "	15/8	13/4	41.00 "	40	45
031	1.739 ±0.015	13/4	11/8	44.17 ±0.38	44	48
032	1.864 "	17/8	2	47.35 "	47	51
033	1.989 ±0.018	2	21/8	50.52 ±0.46	50	55
034	2.114 "	21/8	21/4	53.70 "	53	58

035	2.239 "	21/4	23/8	56.87 "	56	61
036	2.364 "	23/8	21/2	60.05 "	60	65
037	2.489 "	21/2	23/8	63.22 "	63	67
038	2.614 ±0.020	25/8	23/4	66.40 ±0.51	65	70
039	2.739 "	23/4	23/8	69.57 "	69	75

040	2.864 "	27/8	3	72.75 "	70	77
041	2.989 ±0.024	3	31/8	75.92 ±0.61	75	80
532	3.110 "	31/8	31/4	78.99 "	78	85
042	3.239 "	31/4	33/8	82.27 "	80	88
534	3.360 "	33/8	31/2	85.34 "	85	90

043	3.489 "	31/2	35/8	88.62 "	88	95
536	3.610 ±0.027	35/8	33/4	91.69 ±0.69	90	98
044	3.739 "	33/4	37/8	94.97 "	95	100
538	3.860 "	37/8	4	98.04 "	98	102
045	3.989 "	4	41/8	101.32 "	100	105

540	4.110 "	41/8	41/4	104.39 "	104	110
046	4.239 ±0.030	41/4	43/8	107.67 ±0.76	107	112
542	4.360 "	43/8	41/2	110.74 "	110	115
047	4.489 "	41/2	45/8	114.02 "	114	120
544	4.610 "	45/8	43/4	117.09 "	116	122

048	4.739 "	43/4	47/8	120.37 "	120	125
546	4.860 ±0.037	47/8	5	123.44 ±0.94	123	130
049	4.989 "	5	51/8	126.72 "	125	132
548	5.095 "	51/8	51/4	129.41 "	130	135
050	5.239 "	51/4	53/8	133.07 "	132	138



0.103 ±0.003" (2.62 ±0.08mm) Diameter Section A

146	2.612 ±0.020	2 ⁵ / ₈	2 ¹³ / ₁₆	66.34 ±0.51	66	72
147	2.675 ±0.022	2 ¹¹ / ₁₆	2 ⁷ / ₈	67.95 ±0.56	68	74
148	2.737 "	2 ³ / ₄	2 ¹⁵ / ₁₆	69.52 "	69	75
149	2.800 "	2 ¹³ / ₁₆	3	71.12 "	70	77
150	2.862 "	2 ⁷ / ₈	3 ¹ / ₁₆	72.69 "	72	78
640	2.924 ±0.024	2 ¹⁵ / ₁₆	3 ³ / ₈	74.27 ±0.61	74	80
151	2.987 "	3	3 ³ / ₁₆	75.87 "	75	82
641	3.049 "	3 ¹ / ₁₆	3 ¹ / ₄	77.44 "	77	85
642	3.174 "	3 ³ / ₁₆	3 ³ / ₈	80.62 "	80	87
152	3.237 "	3 ¹ / ₄	3 ⁷ / ₁₆	82.22 "	82	88
643	3.299 "	3 ⁵ / ₁₆	3 ¹ / ₂	83.79 "	84	90
153	3.487 "	3 ¹ / ₂	3 ¹¹ / ₁₆	88.57 "	88	95
154	3.737 ±0.028	3 ³ / ₄	3 ¹⁵ / ₁₆	94.92 ±0.71	95	100
155	3.987 "	4	4 ³ / ₁₆	101.27 "	100	110
156	4.237 ±0.030	4 ¹ / ₄	4 ⁷ / ₁₆	107.62 ±0.76	107	115
157	4.487 "	4 ¹ / ₂	4 ¹¹ / ₁₆	113.97 "	114	120
158	4.737 "	4 ³ / ₄	4 ¹⁵ / ₁₆	120.32 "	120	130
159	4.987 ±0.035	5	5 ³ / ₁₆	126.67 ±0.89	125	135
160	5.237 "	5 ¹ / ₄	5 ⁷ / ₁₆	133.02 "	132	140
161	5.487 "	5 ¹ / ₂	5 ¹¹ / ₁₆	139.37 "	138	145
162	5.737 "	5 ³ / ₄	5 ¹⁵ / ₁₆	145.72 "	145	155
163	5.987 "	6	6 ³ / ₁₆	152.07 "	150	160
164	6.237 ±0.040	6 ¹ / ₄	6 ⁷ / ₁₆	158.42 ±1.02	158	165
165	6.487 "	6 ¹ / ₂	6 ¹¹ / ₁₆	164.77 "	165	170
166	6.737 "	6 ³ / ₄	6 ¹⁵ / ₁₆	171.12 "	170	180
167	6.987 "	7	7 ³ / ₁₆	177.47 "	177	185
168	7.237 ±0.045	7 ¹ / ₄	7 ⁷ / ₁₆	183.82 ±1.14	183	190
169	7.487 "	7 ¹ / ₂	7 ¹¹ / ₁₆	190.17 "	190	200
170	7.737 "	7 ³ / ₄	7 ¹⁵ / ₁₆	196.52 "	195	205
171	7.987 "	8	8 ³ / ₁₆	202.87 "	200	210
172	8.237 ±0.050	8 ¹ / ₄	8 ⁷ / ₁₆	209.22 ±1.27	208	215
173	8.487 "	8 ¹ / ₂	8 ¹¹ / ₁₆	215.57 "	215	225
174	8.737 "	8 ³ / ₄	8 ¹⁵ / ₁₆	221.92 "	220	230
175	8.987 "	9	9 ³ / ₁₆	228.27 "	225	235
176	9.237 ±0.055	9 ¹ / ₄	9 ⁷ / ₁₆	234.62 ±1.40	235	240
177	9.487 "	9 ¹ / ₂	9 ¹¹ / ₁₆	240.97 "	240	250
178	9.737 "	9 ³ / ₄	9 ¹⁵ / ₁₆	247.32 "	245	255

0.139 ±0.004" (3.53 ±0.10mm) Diameter Section A

201*	0.171 ±0.005	3 ¹ / ₁₆	7 ¹ / ₁₆	4.34 ±0.13	4.5	11
202*	0.234 "	1 ¹ / ₄	1 ¹ / ₂	5.94 "	6	12.5
203*	0.296 "	5 ¹ / ₁₆	9 ¹ / ₁₆	7.52 "	7.5	14
204*	0.359 "	3 ³ / ₈	5 ⁵ / ₈	9.12 "	9.5	16
205*	0.421 "	7 ¹ / ₁₆	1 ¹ / ₁₆	10.69 "	11	17.5
206*	0.484 "	1 ¹ / ₂	3 ³ / ₄	12.29 "	12.5	19
207*	0.546 ±0.007	9 ¹ / ₁₆	13 ¹ / ₁₆	13.87 ±0.18	14	20.5
208*	0.609 ±0.009	5 ⁵ / ₈	7 ⁷ / ₈	15.47 ±0.23	15.5	22
209*	0.671 "	1 ¹ / ₁₆	15 ¹ / ₁₆	17.04 "	17	24
210*	0.734 ±0.010	3 ³ / ₄	1	18.64 ±0.25	19	25
211*	0.796 "	13 ¹ / ₁₆	1 ¹ / ₁₆	20.22 "	20	28
212*	0.859 "	7 ⁷ / ₈	1 ¹ / ₈	21.82 "	22	29
213*	0.921 "	15 ¹ / ₁₆	13 ³ / ₁₆	23.39 "	23	30
214*	0.984 "	1	1 ¹ / ₄	24.99 "	25	32
618*	1.016 "	1 ¹ / ₃₂	13 ³ / ₃₂	25.80 "	26	33
215*	1.046 "	1 ¹ / ₁₆	15 ¹ / ₁₆	26.57 "	27	34
216*	1.109 ±0.012	1 ¹ / ₈	13 ⁵ / ₁₆	28.17 ±0.30	28	35
217*	1.171 "	13 ¹ / ₁₆	17 ¹ / ₁₆	29.74 "	30	36
218*	1.234 "	1 ¹ / ₄	1 ¹ / ₂	31.34 "	31	38
219*	1.296 "	15 ¹ / ₁₆	19 ¹ / ₁₆	32.92 "	32	40
220*	1.359 "	13 ⁵ / ₈	15 ⁵ / ₈	34.52 "	35	42
221*	1.421 "	17 ¹ / ₁₆	11 ¹ / ₁₆	36.09 "	36	43
222*	1.484 ±0.015	1 ¹ / ₂	13 ³ / ₄	37.69 ±0.38	38	45
824	1.563 "	19 ¹ / ₁₆	113 ¹ / ₁₆	39.69 "	39	47
223	1.609 "	15 ⁵ / ₈	17 ⁵ / ₈	40.87 "	40	48
825	1.625 "	—	—	41.28 "	41	49
826	1.688 "	11 ¹ / ₁₆	115 ¹ / ₁₆	42.86 "	42	50
224	1.734 "	13 ³ / ₄	2	44.04 "	43	51
827	1.750 "	—	—	44.45 "	44	52
828	1.813 "	113 ¹ / ₁₆	21 ¹ / ₁₆	46.04 "	45	53
225	1.859 ±0.018	17 ⁵ / ₈	21 ⁵ / ₈	47.22 ±0.46	46	54
829	1.875 "	—	—	47.63 "	47	55
830	1.938 "	115 ¹ / ₁₆	23 ¹ / ₁₆	49.21 "	48	56
226	1.984 "	2	2 ¹ / ₄	50.39 "	49	58
831	2.000 "	—	—	50.80 "	50	59

0.139 ±0.004" (3.53 ±0.10mm) Diameter Section A

832	2.063 ±0.018	2 ¹ / ₁₆	2 ⁵ / ₁₆	52.39 ±0.46	52	60
227	2.109 "	2 ⁷ / ₈	2 ³ / ₈	53.57 "	53	61
833	2.125 "	—	—	53.98 "	54	62
834	2.188 "	2 ³ / ₁₆	2 ⁷ / ₁₆	55.56 "	55	63
228	2.234 ±0.020	2 ¹ / ₄	2 ¹ / ₂	56.74 ±0.51	56	64
835	2.250 "	—	—	57.15 "	57	65
836	2.313 "	2 ⁵ / ₁₆	2 ⁹ / ₁₆	58.74 "	58	66
229	2.359 "	2 ³ / ₈	2 ⁵ / ₈	59.92 "	59	67
837	2.375 "	—	—	60.33 "	60	68
838	2.438 "	2 ⁷ / ₁₆	2 ¹¹ / ₁₆	61.91 "	61	69
230	2.484 "	2 ¹ / ₂	2 ³ / ₄	63.09 "	62	70
839	2.500 "	—	—	63.50 "	63	71
840	2.563 "	2 ⁹ / ₁₆	2 ¹³ / ₁₆	65.09 "	64	72
231	2.609 "	2 ⁵ / ₈	2 ⁷ / ₈	66.27 "	65	73
841	2.625 "	—	—	66.68 "	66	74
842	2.688 "	2 ¹¹ / ₁₆	2 ¹⁵ / ₁₆	68.26 "	67	75
232	2.734 ±0.024	2 ³ / ₄	3	69.44 ±0.61	68	76
843	2.750 "	—	—	69.85 "	69	77
844	2.813 "	2 ¹³ / ₁₆	3 ¹ / ₁₆	71.44 "	70	79
233	2.859 "	2 ⁷ / ₈	3 ¹ / ₈	72.62 "	71	80
845	2.875 "	—	—	73.04 "	72	81
846	2.938 "	2 ¹⁵ / ₁₆	3 ³ / ₁₆	74.61 "	74	82
234	2.984 "	3	3 ¹ / ₄	75.79 "	75	85
235	3.109 "	3 ¹ / ₈	3 ³ / ₈	78.97 "	78	88
236	3.234 "	3 ¹ / ₄	3 ¹ / ₂	82.14 "	80	90
237	3.359 "	3 ³ / ₈	3 ⁵ / ₈	85.32 "	85	95
238	3.484 "	3 ¹ / ₂	3 ³ / ₄	88.49 "	88	98
239	3.609 ±0.028	3 ⁵ / ₈	3 ⁷ / ₈	91.67 ±0.71	90	100
240	3.734 "	3 ³ / ₄	4	94.84 "	95	102
241	3.859 "	3 ⁷ / ₈	4 ¹ / ₈	98.02 "	98	105
242	3.984 "	4	4 ¹ / ₄	101.19 "	100	110
243	4.109 "	4 ¹ / ₈	4 ³ / ₈	104.37 "	104	112
244	4.234 ±0.030	4 ¹ / ₄	4 ¹ / ₂	107.54 ±0.76	107	115
245	4.359 "	4 ³ / ₈	4 ⁵ / ₈	110.72 "	110	120
246	4.484 "	4 ¹ / ₂	4 ³ / ₄	113.89 "	114	122
247	4.609 "	4 ⁵ / ₈	4 ⁷ / ₈	117.07 "	116	125
248	4.734 "	4 ³ / ₄	5	120.24 "	120	130
249	4.859 ±0.035	4 ⁷ / ₈	5 ¹ / ₈	123.42 ±0.89	123	132
250	4.984 "	5	5 ¹ / ₄	126.59 "	125	135
251	5.109 "	5 ¹ / ₈	5 ³ / ₈	129.77 "	130	138
252	5.234 ±0.035	5 ¹ / ₄	5 ¹ / ₂	132.94 ±0.89	132	140
253	5.359 "	5 ³ / ₈	5 ⁵ / ₈	136.12 "	135	145
254	5.484 "	5 ¹ / ₂	5 ³ / ₄	139.29 "	138	148
255	5.609 "	5 ⁵ / ₈	5 ⁷ / ₈	142.47 "	140	150
256	5.734 "	5 ³ / ₄	6	145.64 "	145	155
257	5.859 "	5 ⁷ / ₈	6 ¹ / ₈	148.82 "	148	158
258	5.984 "	6	6 ¹ / ₄	151.99 "	150	160
259	6.234 ±0.040	6 ¹ / ₄	6 ¹ / ₂	158.34 ±1.02	158	170
260	6.484 "	6 ¹ / ₂	6 ³ / ₄	164.69 "	165	175
261	6.734 "	6 ³ / ₄	7	171.04 "	170	180
262	6.984 "	7	7 ¹ / ₄	177.39 "	177	185
263	7.234 ±0.045	7 ¹ / ₄	7 ¹ / ₂	183.74 ±1.14	183	195
264	7.484 "	7 ¹ / ₂	7 ³ / ₄	190.09 "	190	200
265	7.734 "	7 ³ / ₄	8	196.44 "	195	205
266	7.984 "	8	8 ¹ / ₄	202.79 "	200	210
267	8.234 ±0.050	8 ¹ / ₄	8 ¹ / ₂	209.14 ±1.27	208	220
268	8.484 "	8 ¹ / ₂	8 ³ / ₄	215.49 "	215	225
269	8.734 "	8 ³ / ₄	9	221.84 "	220	230
270	8.984 "	9	9 ¹ / ₄	228.19 "	225	235
271	9.234 ±0.055	9 ¹ / ₄	9 ¹ / ₂	234.54 ±1.40	235	245
272	9.484 "	9 ¹ / ₂	9 ³ / ₄	240.89 "	240	250
273	9.734 "	9 ³ / ₄	10	247.24 "	245	255
274	9.984 "	10	10 ¹ / ₄	253.59 "	250	265
275	10.484 "	10 ¹ / ₂	10 ³ / ₄	266.29 "	265	275
276	10.984 ±0.065	11	11 ¹ / ₄	278.99 ±1.65	275	290
277	11.484 "	11 ¹ / ₂	11 ³ / ₄	291.69 "	290	300
278	11.984 "	12	12 ¹ / ₄	304.39 "	300	315
279	12.984 "	13	13 ¹ / ₄	329.79 "	330	340
280	13.984 "	14	14 ¹ / ₄	355.19 "	350	365
281	14.984 "	15	15 ¹ / ₄	380.59 "	380	390
282	15.955 ±0.075	16	16 ¹ / ₄	405.26 ±1.91	400	415
283	16.955 ±0.080	17	17 ¹ / ₄	430.66 ±2.03	430	440
284	17.955 ±0.085	18	18 ¹ / ₄	456.06 ±2.16	455	465



0.210 ±0.005" (5.33 ±0.13mm) Diameter Section A

309*	0.412 ±0.005	3/16	13/16	10.46 ±0.13	11	20.5
310*	0.475 "	1/2	7/8	12.07 "	12.5	22
311*	0.537 ±0.007	5/16	15/16	13.64 ±0.18	14	23.5
312*	0.600 ±0.009	3/8	1	15.24 ±0.23	15.5	25
313*	0.662 "	1/2	1 1/16	16.81 "	17	27
314*	0.725 ±0.010	3/4	1 1/8	18.42 ±0.25	19	28.5
315*	0.787 "	13/16	1 1/16	19.99 "	20	30
316*	0.850 "	7/8	1 1/4	21.59 "	22	31.5
317*	0.912 "	15/16	1 3/16	23.16 "	23	33
318*	0.975 "	1	1 3/8	24.77 "	25	35
319*	1.037 "	1 1/16	1 1/16	26.34 "	27	36.5
320*	1.100 ±0.012	1 1/8	1 1/2	27.94 ±0.30	28	38
321*	1.162 "	1 3/16	1 5/16	29.51 "	30	40
322*	1.225 "	1 1/4	1 3/8	31.12 "	31	42
323*	1.287 "	1 1/2	1 11/16	32.69 "	32	43
324*	1.350 "	1 3/8	1 3/4	34.29 "	35	45
325*	1.475 ±0.015	1 1/2	1 7/8	37.47 ±0.38	38	48
326*	1.600 "	1 3/4	2	40.64 "	40	52
327*	1.725 "	1 3/4	2 1/8	43.82 "	42	55
328*	1.850 "	1 7/8	2 1/4	46.99 "	45	58
329*	1.975 ±0.018	2	2 3/8	50.17 ±0.46	50	62
330*	2.100 "	2 1/8	2 1/2	53.34 "	52	65
331*	2.225 "	2 1/4	2 5/8	56.52 "	56	68
332*	2.350 "	2 3/8	2 3/4	59.69 "	60	70
333*	2.475 ±0.020	2 1/2	2 7/8	62.87 ±0.51	63	75
334*	2.600 "	2 5/8	3	66.04 "	65	78
335*	2.725 "	2 3/4	3 1/8	69.22 "	68	80
336*	2.850 "	2 7/8	3 1/4	72.39 "	70	83
619*	2.938 ±0.024	2 15/16	3 3/16	74.61 ±0.61	72	85
337*	2.975 "	3	3 1/8	75.57 "	75	88
338*	3.100 "	3 1/8	3 1/2	78.74 "	78	90
620*	3.141 "	—	—	79.78 "	80	92
339*	3.225 "	3 1/4	3 5/8	81.92 "	82	95
340*	3.350 "	3 3/8	3 3/4	85.09 "	85	98
341*	3.475 "	3 1/2	3 3/8	88.27 "	88	100
621*	3.531 ±0.028	3 5/16	3 15/16	89.69 ±0.71	90	101
342*	3.600 "	3 3/8	4	91.44 "	92	102
343*	3.725 "	3 3/4	4 1/8	94.62 "	95	105
344*	3.850 "	3 7/8	4 1/4	97.79 "	98	108
622*	3.938 "	3 15/16	4 3/16	100.01 "	100	110
345*	3.975 "	4	4 3/8	100.97 "	101	112
346*	4.100 "	4 1/8	4 1/2	104.14 "	104	115
347*	4.225 ±0.030	4 1/4	4 5/8	107.32 ±0.76	107	118
623*	4.313 "	4 3/16	4 11/16	109.54 "	109	120
348*	4.350 "	4 3/8	4 3/4	110.49 "	110	121
349*	4.475 "	4 1/2	4 7/8	113.67 "	114	125
350	4.600 "	4 3/4	5	116.84 "	116	128
860	4.625 "	—	—	117.48 "	117	130
351	4.725 "	4 3/4	5 1/8	120.02 "	120	131
861	4.750 "	—	—	120.65 "	121	132
352	4.850 "	4 7/8	5 1/4	123.19 "	123	134
862	4.875 ±0.037	—	—	123.83 ±0.94	124	135
353	4.975 "	5	5 3/8	126.37 "	125	137
863	5.000 "	—	—	127.00 "	127	138
354	5.100 "	5 1/8	5 1/2	129.54 "	129	140
864	5.125 "	—	—	130.18 "	130	141
355	5.225 "	5 1/4	5 5/8	132.72 "	132	143
865	5.250 "	—	—	133.35 "	133	145
356	5.350 "	5 3/8	5 3/4	135.89 "	135	146
866	5.375 "	—	—	136.53 "	136	148
357	5.475 "	5 1/2	5 7/8	139.07 "	138	150
867	5.500 "	—	—	139.70 "	140	151
358	5.600 "	5 5/8	6	142.24 "	142	153
868	5.625 "	—	—	142.88 "	143	155
359	5.725 "	5 3/4	6 1/8	145.42 "	145	156
869	5.750 "	—	—	146.05 "	146	158
360	5.850 "	5 7/8	6 1/4	148.59 "	148	160
870	5.875 "	—	—	149.23 "	149	162
361	5.975 "	6	6 3/8	151.77 "	150	165
644	6.100 ±0.040	6 1/8	6 1/2	154.94 ±1.02	155	168



0.210 ±0.005" (5.33 ±0.13mm) Diameter Section A

362	6.225 ±0.040	6¼	6⅝	158.12 ±1.02	158	170
645	6.350 "	6⅝	6¾	161.29 "	160	172
363	6.475 "	6½	6⅞	164.47 "	165	175
646	6.600 "	6⅝	7	167.64 "	167	180
364	6.725 "	6¾	7⅛	170.82 "	170	182
647	6.850 "	6⅞	7¼	173.99 "	174	185
365	6.975 "	7	7⅝	177.17 "	177	190
366	7.225 ±0.045	7¼	7⅞	183.52 ±1.14	183	195
367	7.475 "	7½	7⅞	189.87 "	190	200
368	7.725 "	7¾	8⅛	196.22 "	195	210
369	7.975 "	8	8⅜	202.57 "	200	215
370	8.225 ±0.050	8¼	8⅝	208.92 ±1.27	208	220
371	8.475 "	8½	8⅞	215.27 "	215	230
372	8.725 "	8¾	9⅛	221.62 "	220	235
373	8.975 "	9	9⅝	227.97 "	225	240
374	9.225 ±0.055	9¼	9⅞	234.32 ±1.40	235	245
375	9.475 "	9½	9⅞	240.67 "	240	255
376	9.725 "	9¾	10⅛	247.02 "	245	260
377	9.975 "	10	10⅝	253.37 "	250	265
378	10.475 ±0.060	10½	10⅞	266.07 ±1.52	265	280
379	10.975 "	11	11⅜	278.77 "	275	290
380	11.475 ±0.065	11½	11⅞	291.47 ±1.65	290	305
381	11.975 "	12	12⅜	304.17 "	300	315
382	12.975 "	13	13⅜	329.57 "	330	340
383	13.975 ±0.070	14	14⅜	354.97 ±1.78	350	370
384	14.975 "	15	15⅜	380.37 "	380	395
385	15.955 ±0.075	16	16⅜	405.26 ±1.91	400	420
386	16.955 ±0.080	17	17⅜	430.66 ±2.03	430	445
387	17.955 ±0.085	18	18⅜	456.06 ±2.16	455	470
388	18.955 ±0.090	19	19⅜	481.46 ±2.29	480	500
389	19.955 ±0.095	20	20⅜	506.86 ±2.41	505	525
390	20.955 "	21	21⅜	532.26 "	530	550
391	21.955 ±0.100	22	22⅜	557.66 ±2.54	555	575
392	22.940 ±0.105	23	23⅜	582.68 ±2.67	580	600
393	23.940 ±0.110	24	24⅜	608.08 ±2.79	605	625
394	24.940 ±0.115	25	25⅜	633.48 ±2.92	630	650
395	25.940 ±0.120	26	26⅜	658.88 ±3.05	655	675

0 275 ±0.006" (6.99 ±0.15mm) Diameter Section A

425*	4.475 ±0.033	4½	5	113.67 ±0.84	114	127
624*	4.516 "	4⅞ ₁₆	5⅞ ₁₆	114.70 "	115	128
426*	4.600 "	4⅝	5⅜	116.84 "	116	130
427*	4.725 "	4¾	5¼	120.02 "	120	135
428*	4.850 "	4⅞	5⅜	123.19 "	123	137
625*	4.906 ±0.037	4 ¹⁵ / ₁₆	5 ⁷ / ₁₆	124.62 ±0.94	125	138
429*	4.975 "	5	5½	126.37 "	126	140
430*	5.100 "	5⅜	5⅞	129.54 "	130	145
431*	5.225 "	5¼	5¾	132.72 "	132	147
626*	5.297 "	5 ⁵ / ₁₆	5 ¹³ / ₁₆	134.54 "	135	148
432*	5.350 "	5⅜	5⅞	135.89 "	136	150
433*	5.475 "	5½	6	139.07 "	140	155
434*	5.600 "	5⅞	6⅜	142.24 "	142	158
435*	5.725 "	5¾	6¼	145.42 "	145	160
436*	5.850 "	5⅞	6⅜	148.59 "	148	162
437*	5.975 "	6	6½	151.77 "	150	165
872*	6.125 ±0.040	6⅜	6⅞	155.58 ±1.02	155	170
438*	6.225 "	6¼	6¾	158.12 "	158	172
627*	6.281 "	6 ⁵ / ₁₆	6 ¹³ / ₁₆	159.54 "	160	175
874*	6.375 "	6⅝	6⅞	161.93 "	162	178
439*	6.475 "	6½	7	164.47 "	165	180
628*	6.563 "	6 ⁹ / ₁₆	7 ¹ / ₁₆	166.69 "	166	181
876*	6.625 "	6⅞	7⅜	168.28 "	168	182
440*	6.725 "	6¾	7¼	170.82 "	170	185
878*	6.875 "	6⅞	7⅜	174.63 "	175	190
441*	6.975 "	7	7½	177.17 "	177	192
880*	7.125 ±0.045	7⅞	7⅞	180.98 ±1.14	180	195
442*	7.225 "	7¼	7¼	183.52 "	183	200
882*	7.375 "	7⅞	7⅞	187.33 "	187	202
443*	7.475 "	7½	8	189.87 "	190	205
884*	7.625 "	7⅞	8⅜	193.68 "	193	208
444*	7.725 "	7¾	8¼	196.22 "	195	210
886*	7.875 "	7⅞	8⅜	200.03 "	200	215

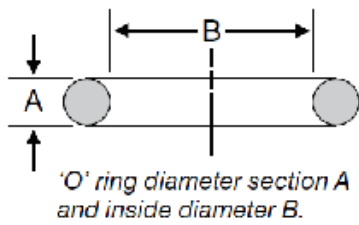
0.275 ±0.006" (6.99 ±0.15mm) Diameter Section A

445*	7.975	±0.045	8	8½	202.57	±1.14	202	220
445A	8.225	±0.055	8¼	8¾	208.92	±1.40	208	225
446	8.475	"	8½	9	215.27	"	215	230
446A	8.725	"	8¾	9¼	221.62	"	220	240
447	8.975	"	9	9½	227.97	"	225	245
447A	9.225	"	9¼	9¾	234.32	"	235	250
448	9.475	"	9½	10	240.67	"	240	260
448A	9.725	"	9¾	10¼	247.02	"	245	265
449	9.975	"	10	10½	253.37	"	250	270
449A	10.225	±0.060	10¼	10¾	259.72	±1.52	260	275
450	10.475	"	10½	11	266.07	"	265	280
450A	10.725	"	10¾	11¼	272.42	"	270	290
451	10.975	"	11	11½	278.77	"	275	295
451A	11.225	"	11¼	11¾	285.12	"	285	300
452	11.475	"	11½	12	291.47	"	290	310
452A	11.725	"	11¾	12¼	297.82	"	295	315
453	11.975	"	12	12½	304.17	"	300	320
648	12.225	"	12¼	12¾	310.52	"	310	325
454	12.475	"	12½	13	316.87	"	315	330
649	12.725	"	12¾	13¼	323.22	"	320	340
455	12.975	"	13	13½	329.57	"	330	345
650	13.225	±0.070	13¼	13¾	335.92	±1.78	335	350
456	13.475	"	13½	14	342.27	"	340	360
457	13.975	"	14	14½	354.97	"	350	370
458	14.475	"	14½	15	367.67	"	365	385
459	14.975	"	15	15½	380.37	"	380	400
460	15.475	"	15½	16	393.07	"	390	410
461	15.955	±0.075	16	16½	405.26	±1.91	400	420
462	16.455	"	16½	17	417.96	"	415	435
463	16.955	±0.080	17	17½	430.66	±2.03	430	450
464	17.455	±0.085	17½	18	443.36	±2.16	440	460
465	17.955	"	18	18½	456.06	"	455	470
466	18.455	"	18½	19	468.76	"	465	485
467	18.955	±0.090	19	19½	481.46	±2.29	480	500
468	19.455	"	19½	20	494.16	"	495	510
469	19.955	±0.095	20	20½	506.86	±2.41	505	525
470	20.955	"	21	21½	532.26	"	530	550
471	21.955	±0.100	22	22½	557.66	±2.54	555	575
472	22.940	±0.105	23	23½	582.68	±2.67	580	600
473	23.940	±0.110	24	24½	608.08	±2.79	605	625
474	24.940	±0.115	25	25½	633.48	±2.92	630	650
475	25.940	±0.120	26	26½	658.88	±3.05	655	675

'O' rings for pipe fittings

The chart below gives details of 'O' rings for use with inch Unified Standard threads. The sizes are specified in SAE AS 568: *Aerospace Size Standard for 'O' rings.*

	INCH SIZES		METRIC CONVERSIONS (mm)	
	Diameter Section A	Inside Diameter B	Diameter Section A	Inside Diameter B
-901	0.056 ±0.003	0.185 ±0.005	1.42 ±0.08	4.70 ±0.13
902	0.064 "	0.239 "	1.63 "	6.07 "
903	0.064 "	0.301 "	1.63 "	7.65 "
904	0.072 "	0.351 "	1.83 "	8.92 "
905	0.072 "	0.414 "	1.83 "	10.52 "
906	0.078 "	0.468 "	1.98 "	11.89 "
907	0.082 "	0.530 ±0.007	2.08 "	13.46 ±0.18
908	0.087 "	0.644 ±0.009	2.21 "	16.36 ±0.23
909	0.097 "	0.706 "	2.46 "	17.93 "
910	0.097 "	0.755 "	2.46 "	19.18 "
911	0.116 ±0.004	0.863 "	2.95 ±0.10	21.92 "
912	0.116 "	0.924 "	2.95 "	23.47 "
913	0.116 "	0.986 ±0.010	2.95 "	25.04 ±0.25
914	0.116 "	1.047 "	2.95 "	26.59 "
916	0.116 "	1.171 "	2.95 "	29.74 "
918	0.116 "	1.355 ±0.012	2.95 "	34.42 ±0.30
920	0.118 "	1.475 ±0.014	3.00 "	37.47 ±0.36
924	0.118 "	1.720 "	3.00 "	43.69 "
928	0.118 "	2.090 ±0.018	3.00 "	53.09 ±0.46
932	0.118 "	2.337 "	3.00 "	59.36 "



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