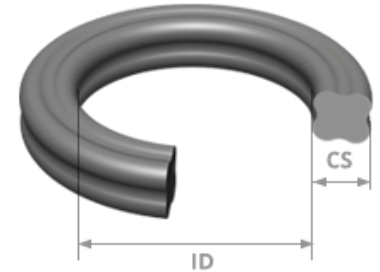


# Quad-Ring® Seals and Rubber X-Ring Seal Standard Size Chart



Dimensions per AS568 although tolerances vary by use, please see our tolerance pages. Thousands of non-standard sizes are available in stock or can be made within a few weeks typically without tooling fees so no need to settle for a less than optimal fit.

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
002	0.050	0.042	0.142	1.27	1.07	3.61
003	0.060	0.056	0.176	1.52	1.42	4.46
004	0.070	0.070	0.210	1.78	1.78	5.34
005	0.070	0.101	0.241	1.78	2.57	6.13
006	0.070	0.114	0.254	1.78	2.90	6.46
007	0.070	0.145	0.285	1.78	3.68	7.24
008	0.070	0.176	0.316	1.78	4.47	8.03
009	0.070	0.208	0.348	1.78	5.28	8.84
010	0.070	0.239	0.379	1.78	6.07	9.63
011	0.070	0.301	0.441	1.78	7.65	11.21
012	0.070	0.364	0.504	1.78	9.25	12.81
013	0.070	0.426	0.566	1.78	10.82	14.38
014	0.070	0.489	0.629	1.78	12.42	15.98
015	0.070	0.551	0.691	1.78	14.00	17.56
016	0.070	0.614	0.754	1.78	15.60	19.16
017	0.070	0.676	0.816	1.78	17.17	20.73
018	0.070	0.739	0.879	1.78	18.77	22.33
019	0.070	0.801	0.941	1.78	20.35	23.91
020	0.070	0.864	1.004	1.78	21.95	25.51
021	0.070	0.926	1.066	1.78	23.52	27.08
022	0.070	0.989	1.129	1.78	25.12	28.68
023	0.070	1.051	1.191	1.78	26.70	30.26
024	0.070	1.114	1.254	1.78	28.30	31.86
025	0.070	1.176	1.316	1.78	29.87	33.43
026	0.070	1.239	1.379	1.78	31.47	35.03
027	0.070	1.301	1.441	1.78	33.05	36.61
028	0.070	1.364	1.504	1.78	34.65	38.21
029	0.070	1.489	1.629	1.78	37.82	41.38
030	0.070	1.614	1.754	1.78	41.00	44.56
031	0.070	1.739	1.879	1.78	44.17	47.73
032	0.070	1.864	2.004	1.78	47.35	50.91

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
033	0.070	1.989	2.129	1.78	50.52	54.08
034	0.070	2.114	2.254	1.78	53.70	57.26
035	0.070	2.239	2.379	1.78	56.87	60.43
036	0.070	2.364	2.504	1.78	60.05	63.61
037	0.070	2.489	2.629	1.78	63.22	66.78
038	0.070	2.614	2.754	1.78	66.40	69.96
039	0.070	2.739	2.879	1.78	69.57	73.13
040	0.070	2.864	3.004	1.78	72.75	76.31
041	0.070	2.989	3.129	1.78	75.92	79.48
042	0.070	3.239	3.379	1.78	82.27	85.83
043	0.070	3.489	3.629	1.78	88.62	92.18
044	0.070	3.739	3.879	1.78	94.97	98.53
045	0.070	3.989	4.129	1.78	101.32	104.88
046	0.070	4.239	4.379	1.78	107.67	111.23
047	0.070	4.489	4.629	1.78	114.02	117.58
048	0.070	4.739	4.879	1.78	120.37	123.93
049	0.070	4.989	5.129	1.78	126.72	130.28
050	0.070	5.239	5.379	1.78	133.07	136.63
102	0.103	0.049	0.255	2.62	1.24	6.48
103	0.103	0.081	0.287	2.62	2.06	7.30
104	0.103	0.112	0.318	2.62	2.84	8.08
105	0.103	0.143	0.349	2.62	3.63	8.87
106	0.103	0.174	0.380	2.62	4.42	9.66
107	0.103	0.206	0.412	2.62	5.23	10.47
108	0.103	0.237	0.443	2.62	6.02	11.26
109	0.103	0.299	0.505	2.62	7.59	12.83
110	0.103	0.362	0.568	2.62	9.19	14.43
111	0.103	0.424	0.630	2.62	10.77	16.01
112	0.103	0.487	0.693	2.62	12.37	17.61
113	0.103	0.549	0.755	2.62	13.94	19.18
114	0.103	0.612	0.818	2.62	15.54	20.78
115	0.103	0.674	0.880	2.62	17.12	22.36
116	0.103	0.737	0.943	2.62	18.72	23.96
117	0.103	0.799	1.005	2.62	20.29	25.54
118	0.103	0.862	1.068	2.62	21.89	27.13
119	0.103	0.924	1.130	2.62	23.47	28.71
120	0.103	0.987	1.193	2.62	25.07	30.31
121	0.103	1.049	1.255	2.62	26.64	31.88
122	0.103	1.112	1.318	2.62	28.24	33.48
123	0.103	1.174	1.380	2.62	29.82	35.06
124	0.103	1.237	1.443	2.62	31.42	36.66
125	0.103	1.299	1.505	2.62	32.99	38.23
126	0.103	1.362	1.568	2.62	34.59	39.83
127	0.103	1.424	1.630	2.62	36.17	41.41
128	0.103	1.487	1.693	2.62	37.77	43.01
129	0.103	1.549	1.755	2.62	39.34	44.58

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
130	0.103	1.612	1.818	2.62	40.94	46.18
131	0.103	1.674	1.880	2.62	42.52	47.76
132	0.103	1.737	1.943	2.62	44.12	49.36
133	0.103	1.799	2.005	2.62	45.69	50.93
134	0.103	1.862	2.068	2.62	47.29	52.54
135	0.103	1.925	2.131	2.62	48.90	54.14
136	0.103	1.987	2.193	2.62	50.47	55.71
137	0.103	2.050	2.256	2.62	52.07	57.31
138	0.103	2.112	2.318	2.62	53.64	58.88
139	0.103	2.175	2.381	2.62	55.25	60.49
140	0.103	2.237	2.443	2.62	56.82	62.06
141	0.103	2.300	2.506	2.62	58.42	63.66
142	0.103	2.362	2.568	2.62	59.99	65.23
143	0.103	2.425	2.631	2.62	61.60	66.84
144	0.103	2.487	2.693	2.62	63.17	68.41
145	0.103	2.550	2.756	2.62	64.77	70.01
146	0.103	2.612	2.818	2.62	66.34	71.58
147	0.103	2.675	2.881	2.62	67.95	73.19
148	0.103	2.737	2.943	2.62	69.52	74.76
149	0.103	2.800	3.006	2.62	71.12	76.36
150	0.103	2.862	3.068	2.62	72.69	77.93
151	0.103	2.987	3.193	2.62	75.87	81.11
152	0.103	3.237	3.443	2.62	82.22	87.46
153	0.103	3.487	3.693	2.62	88.57	93.81
154	0.103	3.737	3.943	2.62	94.92	100.16
155	0.103	3.987	4.193	2.62	101.27	106.51
156	0.103	4.237	4.443	2.62	107.62	112.86
157	0.103	4.487	4.693	2.62	113.97	119.21
158	0.103	4.737	4.943	2.62	120.32	125.56
159	0.103	4.987	5.193	2.62	126.67	131.91
160	0.103	5.237	5.443	2.62	133.02	138.26
161	0.103	5.487	5.693	2.62	139.37	144.61
162	0.103	5.737	5.943	2.62	145.72	150.96
163	0.103	5.987	6.193	2.62	152.07	157.31
164	0.103	6.237	6.443	2.62	158.42	163.66
165	0.103	6.487	6.693	2.62	164.77	170.01
166	0.103	6.737	6.943	2.62	171.12	176.36
167	0.103	6.987	7.193	2.62	177.47	182.71
168	0.103	7.237	7.443	2.62	183.82	189.06
169	0.103	7.487	7.693	2.62	190.17	195.41
170	0.103	7.737	7.943	2.62	196.52	201.76
171	0.103	7.987	8.193	2.62	202.87	208.11
172	0.103	8.237	8.443	2.62	209.22	214.46
173	0.103	8.487	8.693	2.62	215.57	220.81
174	0.103	8.737	8.943	2.62	221.92	227.16
175	0.103	8.987	9.193	2.62	228.27	233.51

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
176	0.103	9.237	9.443	2.62	234.62	239.86
177	0.103	9.487	9.693	2.62	240.97	246.21
178	0.103	9.737	9.943	2.62	247.32	252.56
201	0.139	0.171	0.449	3.53	4.34	11.40
202	0.139	0.234	0.512	3.53	5.94	13.00
203	0.139	0.296	0.574	3.53	7.52	14.58
204	0.139	0.359	0.637	3.53	9.12	16.18
205	0.139	0.421	0.699	3.53	10.69	17.75
206	0.139	0.484	0.762	3.53	12.29	19.35
207	0.139	0.546	0.824	3.53	13.87	20.93
208	0.139	0.609	0.887	3.53	15.47	22.53
209	0.139	0.671	0.949	3.53	17.04	24.10
210	0.139	0.734	1.012	3.53	18.64	25.70
211	0.139	0.796	1.074	3.53	20.22	27.28
212	0.139	0.859	1.137	3.53	21.82	28.88
213	0.139	0.921	1.199	3.53	23.39	30.45
214	0.139	0.984	1.262	3.53	24.99	32.06
215	0.139	1.046	1.324	3.53	26.57	33.63
216	0.139	1.109	1.387	3.53	28.17	35.23
217	0.139	1.171	1.449	3.53	29.74	36.80
218	0.139	1.234	1.512	3.53	31.34	38.40
219	0.139	1.296	1.574	3.53	32.92	39.98
220	0.139	1.359	1.637	3.53	34.52	41.58
221	0.139	1.421	1.699	3.53	36.09	43.15
222	0.139	1.484	1.762	3.53	37.69	44.75
223	0.139	1.609	1.887	3.53	40.87	47.93
224	0.139	1.734	2.012	3.53	44.04	51.10
225	0.139	1.859	2.137	3.53	47.22	54.28
226	0.139	1.984	2.262	3.53	50.39	57.45
227	0.139	2.109	2.387	3.53	53.57	60.63
228	0.139	2.234	2.512	3.53	56.74	63.80
229	0.139	2.359	2.637	3.53	59.92	66.98
230	0.139	2.484	2.762	3.53	63.09	70.15
231	0.139	2.609	2.887	3.53	66.27	73.33
232	0.139	2.734	3.012	3.53	69.44	76.50
233	0.139	2.859	3.137	3.53	72.62	79.68
234	0.139	2.984	3.262	3.53	75.79	82.85
235	0.139	3.109	3.387	3.53	78.97	86.03
236	0.139	3.234	3.512	3.53	82.14	89.20
237	0.139	3.359	3.637	3.53	85.32	92.38
238	0.139	3.484	3.762	3.53	88.49	95.55
239	0.139	3.609	3.887	3.53	91.67	98.73
240	0.139	3.734	4.012	3.53	94.84	101.90
241	0.139	3.859	4.137	3.53	98.02	105.08
242	0.139	3.984	4.262	3.53	101.19	108.25
243	0.139	4.109	4.387	3.53	104.37	111.43

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
244	0.139	4.234	4.512	3.53	107.54	114.60
245	0.139	4.359	4.637	3.53	110.72	117.78
246	0.139	4.484	4.762	3.53	113.89	120.95
247	0.139	4.609	4.887	3.53	117.07	124.13
248	0.139	4.734	5.012	3.53	120.24	127.30
249	0.139	4.859	5.137	3.53	123.42	130.48
250	0.139	4.984	5.262	3.53	126.59	133.65
251	0.139	5.109	5.387	3.53	129.77	136.83
252	0.139	5.234	5.512	3.53	132.94	140.00
253	0.139	5.359	5.637	3.53	136.12	143.18
254	0.139	5.484	5.762	3.53	139.29	146.35
255	0.139	5.609	5.887	3.53	142.47	149.53
256	0.139	5.734	6.012	3.53	145.64	152.71
257	0.139	5.859	6.137	3.53	148.82	155.88
258	0.139	5.984	6.262	3.53	151.99	159.05
259	0.139	6.234	6.512	3.53	158.34	165.40
260	0.139	6.484	6.762	3.53	164.69	171.75
261	0.139	6.734	7.012	3.53	171.04	178.10
262	0.139	6.984	7.262	3.53	177.39	184.45
263	0.139	7.234	7.512	3.53	183.74	190.80
264	0.139	7.484	7.762	3.53	190.09	197.15
265	0.139	7.734	8.012	3.53	196.44	203.50
266	0.139	7.984	8.262	3.53	202.79	209.85
267	0.139	8.234	8.512	3.53	209.14	216.20
268	0.139	8.484	8.762	3.53	215.49	222.55
269	0.139	8.734	9.012	3.53	221.84	228.90
270	0.139	8.984	9.262	3.53	228.19	235.25
271	0.139	9.234	9.512	3.53	234.54	241.60
272	0.139	9.484	9.762	3.53	240.89	247.95
273	0.139	9.734	10.012	3.53	247.24	254.30
274	0.139	9.984	10.262	3.53	253.59	260.65
275	0.139	10.484	10.762	3.53	266.29	273.35
276	0.139	10.984	11.262	3.53	278.99	286.05
277	0.139	11.484	11.762	3.53	291.69	298.75
278	0.139	11.984	12.262	3.53	304.39	311.45
279	0.139	12.984	13.262	3.53	329.79	336.85
280	0.139	13.984	14.262	3.53	355.19	362.25
281	0.139	14.984	15.262	3.53	380.59	387.65
282	0.139	15.955	16.233	3.53	405.26	412.32
283	0.139	16.955	17.233	3.53	430.66	437.72
284	0.139	17.955	18.233	3.53	456.06	463.12
309	0.210	0.412	0.832	5.33	10.46	21.12
310	0.210	0.475	0.895	5.33	12.07	22.73
311	0.210	0.537	0.957	5.33	13.64	24.30
312	0.210	0.600	1.020	5.33	15.24	25.90
313	0.210	0.662	1.082	5.33	16.81	27.47

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
314	0.210	0.725	1.145	5.33	18.42	29.08
315	0.210	0.787	1.207	5.33	19.99	30.65
316	0.210	0.850	1.270	5.33	21.59	32.25
317	0.210	0.912	1.332	5.33	23.16	33.82
318	0.210	0.975	1.395	5.33	24.77	35.43
319	0.210	1.037	1.457	5.33	26.34	37.00
320	0.210	1.100	1.520	5.33	27.94	38.60
321	0.210	1.162	1.582	5.33	29.51	40.17
322	0.210	1.225	1.645	5.33	31.12	41.78
323	0.210	1.287	1.707	5.33	32.69	43.35
324	0.210	1.350	1.770	5.33	34.29	44.95
325	0.210	1.475	1.895	5.33	37.47	48.13
326	0.210	1.600	2.020	5.33	40.64	51.30
327	0.210	1.725	2.145	5.33	43.82	54.48
328	0.210	1.850	2.270	5.33	46.99	57.65
329	0.210	1.975	2.395	5.33	50.17	60.83
330	0.210	2.100	2.520	5.33	53.34	64.00
331	0.210	2.225	2.645	5.33	56.52	67.18
332	0.210	2.350	2.770	5.33	59.69	70.35
333	0.210	2.475	2.895	5.33	62.87	73.53
334	0.210	2.600	3.020	5.33	66.04	76.70
335	0.210	2.725	3.145	5.33	69.22	79.88
336	0.210	2.850	3.270	5.33	72.39	83.05
337	0.210	2.975	3.395	5.33	75.57	86.23
338	0.210	3.100	3.520	5.33	78.74	89.40
339	0.210	3.225	3.645	5.33	81.92	102.58
340	0.210	3.350	3.770	5.33	85.09	95.75
341	0.210	3.475	3.895	5.33	88.27	98.93
342	0.210	3.600	4.020	5.33	91.44	102.10
343	0.210	3.725	4.145	5.33	94.62	105.28
344	0.210	3.850	4.270	5.33	97.79	108.45
345	0.210	3.975	4.395	5.33	100.97	111.63
346	0.210	4.100	4.520	5.33	104.14	114.80
347	0.210	4.225	4.645	5.33	107.32	117.98
348	0.210	4.350	4.770	5.33	110.49	121.15
349	0.210	4.475	4.895	5.33	113.67	124.33
350	0.210	4.600	5.020	5.33	116.84	127.50
351	0.210	4.725	5.145	5.33	120.02	130.68
352	0.210	4.850	5.270	5.33	123.19	133.85
353	0.210	4.975	5.395	5.33	126.37	137.03
354	0.210	5.100	5.520	5.33	129.54	140.20
355	0.210	5.225	5.645	5.33	132.72	143.38
356	0.210	5.350	5.770	5.33	135.89	146.55
357	0.210	5.475	5.895	5.33	139.07	149.73
358	0.210	5.600	6.020	5.33	142.24	152.90
359	0.210	5.725	6.145	5.33	145.42	156.08

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
360	0.210	5.850	6.270	5.33	148.59	159.25
361	0.210	5.975	6.395	5.33	151.77	162.43
362	0.210	6.225	6.645	5.33	158.12	168.78
363	0.210	6.475	6.895	5.33	164.47	175.13
364	0.210	6.725	7.145	5.33	170.82	181.48
365	0.210	6.975	7.395	5.33	177.17	187.83
366	0.210	7.225	7.645	5.33	183.52	194.18
367	0.210	7.475	7.895	5.33	189.87	200.53
368	0.210	7.725	8.145	5.33	196.22	206.88
369	0.210	7.975	8.395	5.33	202.57	213.23
370	0.210	8.225	8.645	5.33	208.92	219.58
371	0.210	8.475	8.895	5.33	215.27	225.93
372	0.210	8.725	9.145	5.33	221.62	232.28
373	0.210	8.975	9.395	5.33	227.97	238.63
374	0.210	9.225	9.645	5.33	234.32	244.98
375	0.210	9.475	9.895	5.33	240.67	251.33
376	0.210	9.725	10.145	5.33	247.02	257.68
377	0.210	9.975	10.395	5.33	253.37	264.03
378	0.210	10.475	10.895	5.33	266.07	276.73
379	0.210	10.975	11.395	5.33	278.77	289.43
380	0.210	11.475	11.895	5.33	291.47	302.13
381	0.210	11.975	12.395	5.33	304.17	314.83
382	0.210	12.975	13.395	5.33	329.57	340.23
383	0.210	13.975	14.395	5.33	354.97	365.63
384	0.210	14.975	15.395	5.33	380.37	391.03
385	0.210	15.955	16.375	5.33	405.26	415.92
386	0.210	16.955	17.375	5.33	430.66	441.32
387	0.210	17.955	18.375	5.33	456.06	466.72
388	0.210	18.955	19.375	5.33	481.46	492.07
389	0.210	19.955	20.375	5.33	506.86	517.47
390	0.210	20.955	21.375	5.33	532.26	542.87
391	0.210	21.955	22.375	5.33	557.66	568.27
392	0.210	22.940	23.360	5.33	582.68	593.34
393	0.210	23.940	24.360	5.33	608.08	618.74
394	0.210	24.940	25.360	5.33	633.48	644.14
395	0.210	25.940	26.360	5.33	658.88	669.54
400	0.275	1.350	1.900	6.99	34.29	48.26
401	0.275	1.475	2.025	6.99	37.47	51.44
402	0.275	1.600	2.150	6.99	40.64	54.61
403	0.275	1.725	2.275	6.99	43.82	57.79
404	0.275	1.850	2.400	6.99	46.99	60.96
405	0.275	1.975	2.525	6.99	50.17	64.14
406	0.275	2.100	2.650	6.99	53.34	67.31
407	0.275	2.225	2.775	6.99	56.52	70.49
408	0.275	2.350	2.900	6.99	59.69	73.66
409	0.275	2.475	3.025	6.99	62.87	76.84

Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
410	0.275	2.600	3.150	6.99	66.04	80.01
411	0.275	2.725	3.275	6.99	69.22	83.19
412	0.275	2.850	3.400	6.99	72.39	86.36
413	0.275	2.975	3.525	6.99	75.57	89.54
414	0.275	3.100	3.650	6.99	78.74	92.71
415	0.275	3.225	3.775	6.99	81.92	95.89
416	0.275	3.350	3.900	6.99	85.09	99.06
417	0.275	3.475	4.025	6.99	88.27	102.24
418	0.275	3.600	4.150	6.99	91.44	105.41
419	0.275	3.725	4.275	6.99	94.62	108.59
420	0.275	3.850	4.400	6.99	97.79	111.76
421	0.275	3.975	4.525	6.99	100.97	114.94
422	0.275	4.100	4.650	6.99	104.14	118.11
423	0.275	4.225	4.775	6.99	107.32	121.29
424	0.275	4.350	4.900	6.99	110.49	124.46
425	0.275	4.475	5.025	6.99	113.67	127.65
426	0.275	4.600	5.150	6.99	116.84	130.82
427	0.275	4.725	5.275	6.99	120.02	134.00
428	0.275	4.850	5.400	6.99	123.19	137.17
429	0.275	4.975	5.525	6.99	126.37	140.35
430	0.275	5.100	5.650	6.99	129.54	143.52
431	0.275	5.225	5.775	6.99	132.72	146.70
432	0.275	5.350	5.900	6.99	135.89	149.87
433	0.275	5.475	6.025	6.99	139.07	153.05
434	0.275	5.600	6.150	6.99	142.24	156.22
435	0.275	5.725	6.275	6.99	145.42	159.40
436	0.275	5.850	6.400	6.99	148.59	162.57
437	0.275	5.975	6.525	6.99	151.77	165.75
438	0.275	6.225	6.775	6.99	158.12	172.10
439	0.275	6.475	7.025	6.99	164.47	178.45
440	0.275	6.725	7.275	6.99	170.82	184.80
441	0.275	6.975	7.525	6.99	177.17	191.15
442	0.275	7.225	7.775	6.99	183.52	197.50
443	0.275	7.475	8.025	6.99	189.87	203.85
444	0.275	7.725	8.275	6.99	196.22	210.20
445	0.275	7.975	8.525	6.99	202.57	216.55
446	0.275	8.475	9.025	6.99	215.27	229.25
447	0.275	8.975	9.525	6.99	227.97	241.95
448	0.275	9.475	10.025	6.99	240.67	254.65
449	0.275	9.975	10.525	6.99	253.37	267.35
450	0.275	10.475	11.025	6.99	266.07	280.05
451	0.275	10.975	11.525	6.99	278.77	292.75
452	0.275	11.475	12.025	6.99	291.47	305.45
453	0.275	11.975	12.525	6.99	304.17	318.15
454	0.275	12.475	13.025	6.99	316.87	330.85
455	0.275	12.975	13.525	6.99	329.57	343.55



Size	CS (IN)	ID (IN)	OD (IN)	CS (MM)	ID (MM)	OD (MM)
456	0.275	13.457	14.007	6.99	342.27	356.25
457	0.275	13.975	14.525	6.99	354.97	368.95
458	0.275	14.475	15.025	6.99	367.67	381.65
459	0.275	14.975	15.525	6.99	380.37	394.35
460	0.275	15.475	16.025	6.99	393.07	407.05
461	0.275	15.955	16.505	6.99	405.26	419.24
462	0.275	16.455	17.005	6.99	417.96	431.94
463	0.275	16.955	17.505	6.99	430.66	444.64
464	0.275	17.455	18.005	6.99	443.36	457.34
465	0.275	17.955	18.505	6.99	456.06	470.04
466	0.275	18.455	19.005	6.99	468.76	482.74
467	0.275	18.955	19.505	6.99	481.46	495.44
468	0.275	19.455	20.005	6.99	494.16	508.14
469	0.275	19.955	20.505	6.99	506.86	520.84
470	0.275	20.955	21.505	6.99	532.26	546.24
471	0.275	21.955	22.505	6.99	557.66	571.64
472	0.275	22.940	23.490	6.99	582.68	596.66
473	0.275	23.940	24.490	6.99	608.08	622.06
474	0.275	24.940	25.490	6.99	633.48	647.46
475	0.275	25.940	26.490	6.99	658.88	672.86
901	0.056	0.185	0.297	1.42	4.70	7.54
902	0.064	0.239	0.367	1.63	6.07	9.33
903	0.064	0.301	0.429	1.63	7.65	10.91
904	0.072	0.351	0.495	1.83	8.92	12.58
905	0.072	0.414	0.558	1.83	10.52	14.18
906	0.078	0.468	0.624	1.98	11.89	15.85
907	0.082	0.530	0.694	2.08	13.46	17.62
908	0.087	0.644	0.818	2.21	16.36	20.78
909	0.097	0.706	0.900	2.46	17.93	22.85
910	0.097	0.755	0.949	2.46	19.18	24.10
911	0.116	0.863	1.095	2.95	21.92	27.82
912	0.116	0.924	1.156	2.95	23.47	29.37
913	0.116	0.986	1.218	2.95	25.04	30.94
914	0.116	1.047	1.279	2.95	26.59	32.49
916	0.116	1.171	1.403	2.95	29.74	35.64
918	0.116	1.355	1.587	2.95	34.42	40.32
920	0.116	1.475	1.707	3.00	37.47	43.47
924	0.116	1.720	1.952	3.00	43.69	49.69
928	0.116	2.090	2.322	3.00	53.09	59.09
932	0.116	2.337	2.569	3.00	59.36	65.36