

				Ross Optical Industries 1410 Gail Borden Place, A3 El Paso, TX 79935 Tel: 915-595-5417			
Rental Charge		Less than 100 mm dia - \$50.00/month rebillable					
		100 mm dia and greater - \$100.00/month rebillable					
ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC	
1	0.0594	1.5100	0.08	2.0	1	1	
2	0.0748	1.9000	0.18	4.5	1	1	
3	0.0886	2.2500	0.16	4.0	1	1	
4	0.0906	2.3000	0.12	3.0	1	1	
5	0.1004	2.5500	0.16	4.0	1	1	
6	0.1098	2.7900	0.24	6.0	1	1	
7	0.1148	2.9150	0.22	5.5	1	1	
8	0.1205	3.0600	0.20	5.0	1	1	
9	0.1240	3.1500	0.24	6.0	1	1	
10	0.1276	3.2400	0.24	6.0	1	1	
11	0.1370	3.4800	0.24	6.0	1	1	
12	0.1425	3.6200	0.24	6.0	1	1	
13	0.1435	3.6450	0.20	5.0	1	1	
14	0.1472	3.7400	0.28	7.0	1	1	
15	0.1504	3.8200	0.28	7.0	1	1	
16	0.1575	4.0000	0.28	7.0	1	1	
17	0.1598	4.0600	0.31	8.0	1	1	
18	0.1610	4.0900	0.24	6.0	1	1	
19	0.1622	4.1200	0.39	10.0	1	1	
20	0.1638	4.1600	0.35	9.0	1	1	
21	0.1681	4.2700	0.35	9.0	1	1	
22	0.1764	4.4800	0.35	9.0	1	1	
23	0.1835	4.6600	0.31	8.0	1	1	
24	0.1846	4.6900	0.35	9.0	1	1	
25	0.1854	4.7100	0.35	9.0	1	1	
26	0.1874	4.7600	0.35	9.0	1	1	
27	0.1933	4.9100	0.31	8.0	1	1	
28	0.1945	4.9400	0.28	7.0	1	1	
29	0.1996	5.0700	0.39	10.0	0	1	
30	0.2028	5.1500	0.35	9.0	1	1	
31	0.2116	5.3750	0.35	9.0	1	1	
32	0.2118	5.3810	0.45	11.4	1	1	
33	0.2150	5.4600	0.31	8.0	1	1	
34	0.2165	5.5000	0.35	9.0	1	1	
35	0.2224	5.6500	0.35	9.0	1	1	
36	0.2260	5.7400	0.35	9.0	1	1	
37	0.2350	5.9690	0.38	9.5	1	1	
38	0.2354	5.9800	0.39	10.0	1	1	
39	0.2386	6.0600	0.47	12.0	1	1	
40	0.2402	6.1000	0.47	12.0	1	1	
41	0.2403	6.1040	0.35	9.0	1	1	
42	0.2449	6.2200	0.50	12.7	1	0	
43	0.2461	6.2500	0.35	9.0	1	1	

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
44	0.2500	6.3500	0.31	8.0	1	1
45	0.2512	6.3800	0.79	20.0	0	1
46	0.2520	6.4000	0.24	6.0	1	1
47	0.2544	6.4620	0.43	11.0	1	1
48	0.2559	6.5000	0.43	11.0	1	1
49	0.2563	6.5100	0.28	7.0	0	1
50	0.2584	6.5634	0.38	9.5	1	1
51	0.2584	6.5634	0.45	11.3	1	1
52	0.2590	6.5790	0.48	12.3	2	2
53	0.2598	6.6000	0.39	10.0	1	1
54	0.2642	6.7100	0.39	10.0	1	1
55	0.2657	6.7500	0.39	10.0	1	1
56	0.2677	6.8000	0.43	11.0	1	1
57	0.2701	6.8600	0.47	12.0	1	1
58	0.2722	6.9130	0.39	10.0	0	1
59	0.2749	6.9825	0.38	9.5	1	1
60	0.2772	7.0400	0.51	13.0	1	1
61	0.2811	7.1400	0.51	13.0	1	1
62	0.2854	7.2500	0.39	10.0	0	1
63	0.2882	7.3200	0.55	14.0	1	1
64	0.2885	7.3279	0.38	9.5	0	1
65	0.2945	7.4800	0.47	12.0	1	1
66	0.2965	7.5300	0.47	12.0	1	1
67	0.2980	7.5700	0.50	12.7	0	1
68	0.3028	7.6900	0.55	14.0	1	1
69	0.3032	7.7013	0.50	12.7	1	1
70	0.3067	7.7900	0.55	14.0	1	1
71	0.3090	7.8486	0.50	12.7	1	1
72	0.3146	7.9900	0.47	12.0	1	1
73	0.3149	7.9985	0.50	12.7	1	1
74	0.3156	8.0150	0.39	10.0	1	0
75	0.3201	8.1300	0.47	12.0	1	1
76	0.3244	8.2400	0.59	15.0	1	1
77	0.3300	8.3820	0.50	12.7	1	1
78	0.3302	8.3880	0.43	11.0	1	0
79	0.3333	8.4658	0.38	9.5	1	1
80	0.3343	8.4900	0.71	18.0	1	1
81	0.3388	8.6050	0.43	11.0	1	1
82	0.3389	8.6081	0.50	12.7	1	1
83	0.3390	8.6106	0.50	12.7	1	1
84	0.3398	8.6300	0.51	13.0	1	1
85	0.3420	8.6868	0.50	12.7	1	1
86	0.3425	8.7000	0.35	9.0	1	1
87	0.3447	8.7550	0.59	15.0	1	1
88	0.3496	8.8800	0.63	16.0	1	1
89	0.3500	8.8900	0.63	15.9	1	1
90	0.3524	8.9500	0.55	14.0	1	1
91	0.3531	8.9700	0.59	15.0	1	1
92	0.3543	8.9992	0.38	9.5	1	1
93	0.3563	9.0500	0.59	15.0	1	1
94	0.3571	9.0700	0.63	16.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
95	0.3588	9.1135	0.50	12.7	1	1
96	0.3605	9.1570	0.39	10.0	0	1
97	0.3606	9.1600	0.51	13.0	1	1
98	0.3638	9.2400	0.63	16.0	1	1
99	0.3650	9.2700	0.67	17.0	1	1
100	0.3669	9.3200	0.59	15.0	1	1
101	0.3681	9.3500	0.55	14.0	1	1
102	0.3693	9.3800	0.63	16.0	1	1
103	0.3740	9.5000	0.59	15.0	1	1
104	0.3770	9.5750	0.67	17.0	1	1
105	0.3799	9.6500	0.71	18.0	1	1
106	0.3850	9.7800	0.59	15.0	1	1
107	0.3862	9.8100	0.63	16.0	1	1
108	0.3890	9.8800	0.35	9.0	1	1
109	0.3898	9.9009	0.63	15.9	1	1
110	0.3937	10.0000	0.50	12.7	1	1
111	0.3940	10.0070	0.50	13.0	1	2
112	0.3968	10.0787	0.50	12.7	1	1
113	0.3969	10.0800	0.71	18.0	1	1
114	0.4055	10.3000	0.71	18.0	1	1
115	0.4096	10.4038	0.75	19.1	1	0
116	0.4146	10.5300	0.71	18.0	1	1
117	0.4197	10.6600	0.59	15.0	1	1
118	0.4240	10.7700	0.51	13.0	1	1
119	0.4266	10.8356	0.63	15.9	1	1
120	0.4289	10.8941	0.63	15.9	1	1
121	0.4291	10.9000	0.59	15.0	1	1
122	0.4315	10.9600	0.79	20.0	1	1
123	0.4331	11.0000	0.79	20.0	1	1
124	0.4402	11.1800	0.67	17.0	1	1
125	0.4420	11.2268	0.63	15.9	1	1
126	0.4440	11.2766	0.45	11.3	1	1
127	0.4476	11.3690	0.63	15.9	1	1
128	0.4488	11.4000	0.63	16.0	1	1
129	0.4510	11.4554	0.50	12.7	1	1
130	0.4528	11.5000	0.63	16.0	1	1
131	0.4650	11.8100	0.71	18.0	1	1
132	0.4650	11.8240	1.10	28.0	2	1
133	0.4685	11.9000	0.79	20.0	1	1
134	0.4705	11.9500	0.63	16.0	1	1
135	0.4742	12.0446	0.71	18.0	1	1
136	0.4756	12.0802	0.63	15.9	1	1
137	0.4807	12.2100	0.79	20.0	1	1
138	0.4811	12.2200	0.87	22.0	1	1
139	0.4834	12.2784	0.75	19.1	1	1
140	0.4839	12.2900	0.87	22.0	1	1
141	0.4903	12.4536	0.75	19.1	1	1
142	0.4920	12.4960	0.79	20.0	1	1
143	0.4970	12.6234	0.48	12.3	1	2
144	0.4979	12.6470	0.87	22.0	1	1
145	0.5037	12.7940	0.63	15.9	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
146	0.5059	12.8500	0.87	22.0	1	1
147	0.5075	12.8900	0.79	20.0	1	1
148	0.5077	12.8956	0.75	19.1	1	1
149	0.5090	12.9300	0.58	14.8	2	2
150	0.5095	12.9420	0.50	12.7	0	1
151	0.5130	13.0300	0.87	22.0	1	1
152	0.5138	13.0505	0.63	15.9	1	1
153	0.5160	13.1064	0.75	19.1	1	1
154	0.5169	13.1300	1.02	26.0	1	1
155	0.5170	13.1318	0.75	19.1	1	1
156	0.5180	13.1572	0.75	19.1	1	1
157	0.5223	13.2664	0.63	15.9	1	1
158	0.5244	13.3190	0.75	19.3	0	1
159	0.5252	13.3400	0.91	23.0	1	1
160	0.5287	13.4300	0.94	24.0	1	1
161	0.5295	13.4493	1.00	25.4	1	1
162	0.5306	13.4780	0.94	24.0	1	1
163	0.5327	13.5300	0.79	20.0	1	1
164	0.5330	13.5382	0.88	22.2	1	1
165	0.5337	13.5560	0.50	12.7	1	1
166	0.5370	13.6398	0.75	19.1	1	1
167	0.5378	13.6600	0.79	20.0	1	1
168	0.5413	13.7500	0.87	22.0	1	1
169	0.5429	13.7896	0.71	18.0	1	1
170	0.5437	13.8100	0.39	10.0	1	1
171	0.5453	13.8500	0.91	23.0	1	1
172	0.5472	13.9000	0.91	23.0	1	1
173	0.5480	13.9198	0.75	19.3	1	1
174	0.5490	13.9450	0.87	22.0	1	1
175	0.5512	14.0000	0.98	25.0	1	1
176	0.5523	14.0284	0.88	22.2	1	1
177	0.5547	14.0900	0.43	11.0	1	1
178	0.5591	14.2000	0.79	20.0	1	1
179	0.5597	14.2164	1.00	25.4	1	1
180	0.5613	14.2570	0.50	13.0	1	1
181	0.5615	14.2621	0.88	22.2	1	1
182	0.5665	14.3891	0.88	22.2	1	1
183	0.5669	14.4000	1.02	26.0	1	1
184	0.5690	14.4520	0.75	19.1	1	1
185	0.5700	14.4780	0.88	22.2	1	1
186	0.5736	14.5690	0.39	10.0	1	1
187	0.5759	14.6279	1.00	25.4	1	1
188	0.5770	14.6558	1.00	25.4	1	1
189	0.5787	14.7000	0.67	17.0	1	1
190	0.5810	14.7574	0.75	19.1	1	1
191	0.5850	14.8600	1.10	28.0	1	1
192	0.5880	14.9352	1.00	25.4	1	1
193	0.5896	14.9758	1.50	38.1	1	1
194	0.5969	15.1600	0.28	7.0	1	0
195	0.5996	15.2298	0.75	19.1	1	1
196	0.6000	15.2400	0.88	22.2	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
197	0.6016	15.2806	1.00	25.4	1	1
198	0.6078	15.4380	1.10	28.0	1	1
199	0.6120	15.5450	1.00	25.8	1	1
200	0.6125	15.5575	1.00	25.4	1	1
201	0.6130	15.5702	1.00	25.4	1	1
202	0.6138	15.5905	1.00	25.4	1	1
203	0.6161	15.6500	0.98	25.0	1	1
204	0.6201	15.7500	0.55	14.0	1	1
205	0.6260	15.9004	0.75	19.5	1	1
206	0.6264	15.9100	0.75	19.0	1	1
207	0.6355	16.1417	1.00	25.4	1	1
208	0.6476	16.4490	1.00	25.4	1	1
209	0.6500	16.5100	0.88	22.2	1	1
210	0.6500	16.5100	0.98	25.0	1	1
211	0.6511	16.5379	0.88	22.2	1	1
212	0.6516	16.5500	0.98	25.0	1	1
213	0.6530	16.5862	1.00	25.4	1	1
214	0.6535	16.6000	0.98	25.0	1	1
215	0.6540	16.6120	0.75	19.0	1	0
216	0.6567	16.6800	0.98	25.0	1	1
217	0.6571	16.6900	1.18	30.0	1	1
218	0.6580	16.7132	1.00	25.4	1	1
219	0.6598	16.7600	0.98	25.0	1	1
220	0.6606	16.7800	0.98	25.0	1	1
221	0.6657	16.9088	0.75	19.1	1	1
222	0.6657	16.9100	1.18	30.0	1	1
223	0.6810	17.2974	0.88	22.2	1	1
224	0.6819	17.3200	1.02	26.0	1	0
225	0.6834	17.3600	0.85	21.5	1	1
226	0.6850	17.3990	1.00	25.4	1	1
227	0.6898	17.5200	1.02	26.0	1	1
228	0.6925	17.5900	1.18	30.0	1	1
229	0.6940	17.6276	1.00	25.4	1	1
230	0.6957	17.6708	1.00	25.4	1	1
231	0.6969	17.7000	1.18	30.0	1	1
232	0.7004	17.7900	1.18	30.0	1	1
233	0.7024	17.8400	1.26	32.0	1	1
234	0.7047	17.9000	1.14	29.0	1	1
235	0.7057	17.9248	1.00	25.4	1	1
236	0.7063	17.9400	0.94	24.0	1	1
237	0.7080	17.9832	1.00	25.4	1	1
238	0.7098	18.0300	1.18	30.0	1	1
239	0.7164	18.1966	1.00	25.4	1	1
240	0.7220	18.3400	0.79	20.0	1	1
241	0.7228	18.3591	1.00	25.4	1	1
242	0.7248	18.4099	1.00	25.4	1	1
243	0.7280	18.4912	1.00	25.4	1	1
244	0.7283	18.5000	1.18	30.0	1	1
245	0.7327	18.6100	1.26	32.0	1	1
246	0.7335	18.6300	1.18	30.0	1	1
247	0.7354	18.6800	1.18	30.0	1	1

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248	0.7364	18.7046	1.00	25.4	1	1
249	0.7421	18.8500	1.38	35.0	1	1
250	0.7433	18.8800	1.38	35.0	1	1
251	0.7450	18.9230	1.25	31.8	1	1
252	0.7543	19.1592	1.00	25.4	1	1
253	0.7559	19.2000	1.38	35.0	1	1
254	0.7567	19.2202	0.75	19.1	1	1
255	0.7571	19.2300	1.02	26.0	1	1
256	0.7571	19.2300	1.38	35.0	0	1
257	0.7610	19.3294	1.25	31.8	1	1
258	0.7693	19.5400	0.98	25.0	1	1
259	0.7791	19.7900	1.14	29.0	1	1
260	0.7793	19.7942	1.00	25.4	1	1
261	0.7815	19.8500	1.18	30.0	1	1
262	0.7831	19.8900	1.18	30.0	1	1
263	0.7854	19.9492	1.00	25.4	1	1
264	0.7870	19.9898	1.00	25.4	1	1
265	0.7874	20.0000	0.50	12.7	0	1
266	0.7910	20.0914	1.00	25.5	1	1
267	0.7916	20.1066	1.00	25.4	1	1
268	0.7995	20.3073	1.38	34.9	1	1
269	0.8022	20.3750	1.38	35.0	1	1
270	0.8050	20.4470	0.60	15.3	0	1
271	0.8055	20.4597	1.00	25.4	1	1
272	0.8092	20.5537	1.00	25.4	1	1
273	0.8106	20.5900	1.38	35.0	1	1
274	0.8173	20.7600	0.98	25.0	1	1
275	0.8207	20.8458	1.50	38.1	1	1
276	0.8248	20.9500	1.38	35.0	1	1
277	0.8389	21.3081	1.00	25.4	1	1
278	0.8410	21.3620	0.20	5.0	0	1
279	0.8453	21.4706	1.00	25.4	1	1
280	0.8492	21.5697	1.50	38.1	1	1
281	0.8530	21.6620	1.50	38.5	2	2
282	0.8531	21.6700	1.02	26.0	1	1
283	0.8583	21.8000	1.38	35.0	1	1
284	0.8700	22.0980	0.75	19.1	1	1
285	0.8773	22.2834	1.00	25.4	1	1
286	0.8778	22.2950	0.98	25.0	1	0
287	0.8799	22.3500	1.38	35.0	1	1
288	0.8819	22.4000	1.18	30.0	1	1
289	0.8843	22.4600	1.06	27.0	1	1
290	0.8870	22.5298	1.00	25.4	1	1
291	0.8870	22.5300	0.79	20.0	1	1
292	0.8894	22.5900	0.50	12.7	0	1
293	0.8930	22.6820	1.51	38.3	1	1
294	0.8965	22.7700	1.26	32.0	1	1
295	0.9055	23.0000	1.10	28.0	1	1
296	0.9070	23.0370	1.50	40.8	1	1
297	0.9120	23.1648	1.25	31.8	1	1
298	0.9138	23.2100	0.79	20.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
299	0.9164	23.2766	1.25	31.8	1	1
300	0.9168	23.2860	1.51	38.4	1	1
301	0.9181	23.3200	1.42	36.0	1	1
302	0.9205	23.3800	1.38	35.0	1	1
303	0.9220	23.4188	1.00	25.4	1	1
304	0.9298	23.6169	1.38	34.9	1	1
305	0.9315	23.6601	1.00	25.4	1	1
306	0.9430	23.9522	1.25	31.8	1	1
307	0.9468	24.0490	0.67	17.0	1	1
308	0.9477	24.0716	1.00	25.4	1	1
309	0.9525	24.1935	1.00	25.4	1	1
310	0.9657	24.5300	0.43	11.0	1	1
311	0.9764	24.8000	1.18	30.0	1	1
312	0.9790	24.8666	1.38	34.9	1	1
313	0.9803	24.9000	1.38	35.0	1	1
314	0.9835	24.9800	0.50	13.0	1	
315	0.9843	25.0000	1.38	35.0	1	1
316	0.9877	25.0876	1.38	34.9	1	1
317	0.9930	25.2222	1.25	31.8	1	1
318	1.0010	25.4254	1.25	31.8	1	1
319	1.0100	25.6540	1.50	38.1	1	1
320	1.0123	25.7124	1.38	34.9	1	1
321	1.0157	25.8000	1.50	38.0	1	1
322	1.0197	25.9000	0.94	24.0	1	1
323	1.0227	25.9766	1.75	44.5	1	1
324	1.0244	26.0200	1.54	39.0	1	1
325	1.0316	26.2026	1.38	34.9	1	1
326	1.0319	26.2100	1.38	35.0	1	1
327	1.0350	26.2890	0.85	21.8	2	2
328	1.0362	26.3200	1.77	45.0	1	1
329	1.0383	26.3720	0.50	13.0	1	1
330	1.0390	26.3900	1.00	25.5	1	1
331	1.0390	26.3900	1.50	40.3	2	2
332	1.0429	26.4900	1.77	45.0	1	1
333	1.0436	26.5074	1.63	41.3	1	1
334	1.0448	26.5379	1.50	38.1	1	1
335	1.0450	26.5430	1.25	31.8	3	3
336	1.0530	26.7462	1.50	38.1	1	1
337	1.0556	26.8122	1.50	38.1	1	1
338	1.0660	27.0764	1.50	38.1	1	1
339	1.0697	27.1700	1.97	50.0	1	1
340	1.0728	27.2500	0.75	19.1	1	1
341	1.0728	27.2500	1.97	50.0	1	1
342	1.0787	27.4000	1.77	45.0	1	1
343	1.0790	27.4066	1.38	34.9	1	1
344	1.0850	27.5600	1.57	40.0	1	1
345	1.0860	27.5844	1.25	31.8	1	1
346	1.0870	27.6100	1.18	30.0	1	1
347	1.0880	27.6352	1.38	34.9	1	1
348	1.0970	27.8650	1.38	35.0	1	1
349	1.1020	27.9900	1.38	35.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
350	1.1043	28.0490	1.50	38.5	1	1
351	1.1070	28.1180	0.79	20.0	1	1
352	1.1106	28.2100	1.97	50.0	1	1
353	1.1200	28.4480	1.75	44.5	1	1
354	1.1238	28.5445	1.75	44.5	1	1
355	1.1256	28.5900	1.89	48.0	1	1
356	1.1260	28.6004	1.00	25.4	1	1
357	1.1270	28.6258	1.50	38.1	1	1
358	1.1330	28.7780	0.75	19.3	1	1
359	1.1350	28.8300	1.77	45.0	1	1
360	1.1406	28.9700	1.57	40.0	1	1
361	1.1531	29.2887	1.50	38.1	1	1
362	1.1550	29.3370	1.60	41.8	1	1
363	1.1591	29.4400	1.57	40.0	1	1
364	1.1652	29.5961	1.75	44.5	1	1
365	1.1700	29.7180	1.38	34.9	1	1
366	1.1712	29.7485	1.50	38.1	1	1
367	1.1732	29.8000	1.57	40.0	1	1
368	1.1758	29.8653	1.25	31.8	1	1
369	1.1790	29.9466	1.75	44.5	1	1
370	1.1791	29.9500	0.59	15.0	0	1
371	1.1791	29.9500	1.38	35.0	1	1
372	1.1810	29.9974	2.00	50.8	1	1
373	1.1810	29.9974	1.25	31.8	1	1
374	1.1811	30.0000	0.75	19.0	1	1
375	1.1866	30.1390	1.70	43.8	1	1
376	1.1870	30.1490	1.70	44.3	1	1
377	1.1898	30.2200	1.97	50.0	1	1
378	1.1905	30.2380	1.35	34.5	1	2
379	1.1935	30.3149	1.25	31.8	1	1
380	1.1965	30.3900	1.97	50.0	1	1
381	1.2005	30.4920	0.75	19.5	1	1
382	1.2027	30.5486	1.50	38.1	1	1
383	1.2098	30.7300	1.57	40.0	1	1
384	1.2154	30.8700	1.57	40.0	1	1
385	1.2252	31.1200	1.50	38.8	1	1
386	1.2331	31.3180	1.50	40.8	1	
387	1.2400	31.4960	1.75	44.5	1	1
388	1.2400	31.4960	0.50	12.5	1	1
389	1.2420	31.5460	1.60	40.8	1	1
390	1.2441	31.6000	1.97	50.0	1	1
391	1.2520	31.8000	1.60	40.8	1	1
392	1.2557	31.8948	2.00	50.8	1	1
393	1.2600	32.0040	2.00	50.8	1	1
394	1.2610	32.0300	1.14	29.0	1	1
395	1.2673	32.1894	1.50	38.1	1	1
396	1.2756	32.4000	1.65	42.0	1	1
397	1.2773	32.4434	0.88	22.2	1	1
398	1.2790	32.4870	1.50	38.3	1	1
399	1.2864	32.6740	1.50	38.3	1	1
400	1.2870	32.6898	1.75	44.5	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
401	1.2880	32.7152	1.75	44.5	1	1
402	1.2890	32.7400	1.18	30.0	1	1
403	1.2897	32.7584	1.25	31.8	1	1
404	1.2910	32.7914	1.00	25.4	1	1
405	1.2960	32.9180	1.50	50.0	0	1
406	1.2961	32.9200	1.97	50.0	1	1
407	1.2981	32.9717	1.50	38.1	1	1
408	1.3002	33.0251	1.50	38.1	1	1
409	1.3006	33.0350	1.77	45.0	1	1
410	1.3110	33.2994	1.75	44.5	1	1
411	1.3140	33.3800	1.51	38.3	1	1
412	1.3232	33.6093	1.75	44.5	1	1
413	1.3276	33.7200	1.77	45.0	1	1
414	1.3291	33.7600	1.65	42.0	1	1
415	1.3358	33.9300	1.93	49.0	1	1
416	1.3380	33.9852	0.80	20.0	1	1
417	1.3398	34.0300	0.63	16.0	1	0
418	1.3398	34.0300	1.42	36.0	1	1
419	1.3574	34.4780	1.75	44.5	1	1
420	1.3598	34.5400	1.93	49.0	1	1
421	1.3650	34.6710	1.35	34.5	1	1
422	1.3661	34.7000	1.38	35.0	1	1
423	1.3677	34.7396	1.75	44.5	1	1
424	1.3694	34.7828	2.00	50.8	1	1
425	1.3700	34.7980	1.00	25.4	1	1
426	1.3730	34.8742	1.50	38.1	1	1
427	1.3754	34.9350	0.67	17.0	0	1
428	1.3787	35.0200	1.97	50.0	1	1
429	1.3800	35.0520	1.50	38.1	1	1
430	1.3900	35.3140	2.02	51.4	0	1
431	1.3958	35.4530	1.00	25.4	1	1
432	1.4000	35.5600	1.13	28.6	1	1
433	1.4004	35.5700	2.36	60.0	1	1
434	1.4030	35.6350	1.97	50.0	1	1
435	1.4078	35.7581	2.00	50.8	1	1
436	1.4110	35.8390	1.00	25.5	1	1
437	1.4110	35.8390	1.50	38.5	1	1
438	1.4110	35.8390	2.00	51.8	1	1
439	1.4110	35.8394	1.38	35.0	0	1
440	1.4114	35.8500	0.35	9.0	1	1
441	1.4140	35.9156	1.50	38.0	1	0
442	1.4230	36.1442	1.50	38.1	1	1
443	1.4280	36.2700	1.54	39.0	1	1
444	1.4290	36.2966	1.75	44.5	1	1
445	1.4299	36.3200	1.97	50.0	1	1
446	1.4382	36.5303	1.50	38.1	1	1
447	1.4413	36.6100	1.93	49.0	1	1
448	1.4420	36.6268	1.50	38.0	1	0
449	1.4433	36.6598	1.53	38.5	0	1
450	1.4476	36.7700	2.36	60.0	1	1
451	1.4504	36.8402	1.00	25.4	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
452	1.4614	37.1200	1.89	48.0	1	1
453	1.4630	37.1600	1.90	48.3	2	2
454	1.4913	37.8800	1.38	35.0	1	1
455	1.4978	38.0441	1.75	44.5	1	1
456	1.5004	38.1100	1.97	50.0	1	1
457	1.5067	38.2700	2.36	60.0	1	1
458	1.5156	38.4962	2.00	50.8	1	1
459	1.5256	38.7500	2.28	58.0	1	1
460	1.5297	38.8540	0.80	20.8	1	1
461	1.5310	38.8874	2.00	50.8	1	1
462	1.5500	39.3700	1.50	38.1	1	1
463	1.5543	39.4800	1.57	40.0	1	1
464	1.5590	39.5986	1.75	44.5	1	1
465	1.5590	39.5986	2.00	50.8	1	1
466	1.5710	39.9034	2.50	63.5	1	1
467	1.5760	40.0304	1.50	38.1	1	1
468	1.5810	40.1574	2.00	50.8	1	1
469	1.5904	40.3962	1.50	38.1	1	1
470	1.5995	40.6273	2.00	51.3	0	1
471	1.6012	40.6705	2.00	50.8	1	1
472	1.6050	40.7670	2.00	50.8	1	1
473	1.6083	40.8500	1.97	50.0	1	1
474	1.6085	40.8559	2.00	50.8	1	1
475	1.6134	40.9800	1.97	50.0	1	1
476	1.6138	40.9900	1.50	38.0	1	0
477	1.6150	41.0210	1.50	38.1	1	1
478	1.6150	41.0210	2.50	63.5	1	1
479	1.6156	41.0360	1.35	34.5	1	1
480	1.6170	41.0700	0.85	21.8	1	2
481	1.6170	41.0700	2.00	50.8	2	3
482	1.6180	41.0972	1.36	34.5	1	2
483	1.6213	41.1800	2.17	55.0	1	1
484	1.6264	41.3106	2.00	50.8	1	1
485	1.6300	41.4020	1.75	44.5	1	1
486	1.6365	41.5671	1.75	44.5	1	1
487	1.6370	41.5798	2.00	51.3	1	1
488	1.6435	41.7450	1.97	50.0	1	1
489	1.6450	41.7830	2.00	50.8	1	1
490	1.6460	41.8084	1.50	38.1	1	1
491	1.6470	41.8338	1.38	34.9	1	1
492	1.6500	41.9100	1.97	50.0	1	1
493	1.6560	42.0620	2.36	60.0	1	1
494	1.6661	42.3200	2.36	60.0	1	1
495	1.6687	42.3850	1.75	44.5	1	1
496	1.6720	42.4688	2.00	50.8	0	1
497	1.6783	42.6300	1.97	50.0	1	1
498	1.6865	42.8371	2.00	50.8	1	1
499	1.6890	42.9000	1.22	31.0	1	1
500	1.6906	42.9412	0.50	12.7	1	1
502	1.6909	42.9500	1.14	29.0	1	1
503	1.6929	42.9997	0.50	12.7	0	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
504	1.7008	43.2003	1.75	44.5	1	1
505	1.7024	43.2400	2.56	65.0	1	1
506	1.7140	43.5356	1.65	42.0	2	2
507	1.7200	43.6880	1.75	44.5	1	1
508	1.7230	43.7642	2.00	50.8	1	1
509	1.7339	44.0400	1.85	47.0	1	1
510	1.7350	44.0690	0.50	13.3	1	1
511	1.7380	44.1452	2.00	50.8	1	1
512	1.7410	44.2214	2.00	51.5	1	1
513	1.7440	44.2976	2.00	50.8	1	1
514	1.7492	44.4300	2.76	70.0	1	1
515	1.7580	44.6532	1.75	44.5	1	1
516	1.7587	44.6700	1.97	50.0	1	1
517	1.7650	44.8300	0.79	20.0	1	1
518	1.7670	44.8818	1.25	32.0	2	2
519	1.7717	45.0000	1.18	30.0	1	1
520	1.7750	45.0850	1.75	44.5	1	1
521	1.7750	45.0850	2.00	50.8	1	0
522	1.7780	45.1612	2.00	51.3	1	1
523	1.7796	45.2018	1.75	44.5	1	1
524	1.7830	45.2882	2.00	50.8	1	1
525	1.7860	45.3644	2.00	50.8	1	1
526	1.7940	45.5676	2.25	57.5	0	1
527	1.7950	45.5930	2.00	50.8	1	1
528	1.8016	45.7600	2.00	50.8	4	4
529	1.8043	45.8292	1.50	38.5	2	2
530	1.8047	45.8393	2.00	51.3	2	2
531	1.8083	45.9300	1.97	50.0	1	1
532	1.8086	45.9384	1.75	44.5	1	1
533	1.8142	46.0800	1.97	50.0	1	1
534	1.8346	46.5988	2.00	50.0	1	1
535	1.8382	46.6903	2.00	50.8	1	1
536	1.8385	46.6979	1.50	38.1	1	1
537	1.8500	46.9900	2.00	50.8	1	1
538	1.8512	47.0200	2.36	60.0	1	1
539	1.8575	47.1800	1.57	40.0	1	1
540	1.8583	47.2000	2.05	52.0	1	1
541	1.8720	47.5488	2.00	50.8	1	1
542	1.8748	47.6200	1.97	50.0	1	1
543	1.8750	47.6250	1.50	38.0	1	2
544	1.8758	47.6453	2.50	63.5	1	1
545	1.8760	47.6504	2.00	50.8	1	1
546	1.8845	47.8663	1.75	44.5	1	1
547	1.8847	47.8710	1.81	46.0	1	1
548	1.8860	47.9044	1.75	44.5	1	1
549	1.8900	48.0060	1.35	34.5	2	2
550	1.8942	48.1127	2.00	50.8	1	1
551	1.9024	48.3200	2.36	60.0	1	1
552	1.9060	48.4124	1.25	31.8	1	1
553	1.9134	48.6000	2.36	60.0	1	1
554	1.9154	48.6500	3.15	80.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
555	1.9232	48.8500	1.97	50.0	1	1
556	1.9250	48.8950	1.25	31.8	1	1
557	1.9252	48.9000	2.00	50.8	4	4
558	1.9290	48.9966	2.00	50.8	1	1
559	1.9500	49.5300	1.50	38.1	1	1
560	1.9544	49.6418	2.00	50.8	1	1
561	1.9610	49.8100	2.36	60.0	1	1
562	1.9659	49.9350	1.97	50.0	1	1
563	1.9683	49.9940	0.50	13.0	1	1
564	1.9773	50.2234	1.00	25.4	1	1
565	1.9815	50.3301	1.75	44.5	1	1
566	1.9860	50.4444	1.75	44.5	1	1
567	1.9870	50.4700	2.36	60.0	1	1
568	1.9925	50.6100	2.76	70.0	1	1
569	1.9950	50.6730	2.00	50.8	2	2
570	2.0000	50.8000	1.97	50.0	1	1
571	2.0070	50.9778	2.00	50.8	1	1
572	2.0090	51.0286	2.00	50.8	1	1
573	2.0090	51.0286	2.50	63.5	1	1
574	2.0120	51.1048	2.50	63.5	1	1
575	2.0120	51.1048	1.50	38.1	1	1
576	2.0165	51.2200	1.85	47.0	1	1
577	2.0170	51.2318	2.50	63.5	1	1
578	2.0201	51.3100	2.36	60.0	0	1
579	2.0210	51.3330	0.80	20.8	1	1
580	2.0370	51.7400	2.36	60.0	1	1
581	2.0405	51.8287	2.00	50.8	1	1
582	2.0488	52.0400	1.89	48.0	1	1
583	2.0550	52.1970	2.00	50.8	1	1
584	2.0555	52.2097	1.50	38.1	1	1
585	2.0811	52.8600	2.36	60.0	1	1
586	2.0840	52.9336	2.00	50.8	2	1
587	2.0915	53.1250	2.09	53.0	1	1
588	2.0980	53.2892	2.50	63.5	1	1
589	2.1024	53.4000	2.32	59.0	1	1
590	2.1047	53.4600	1.42	36.0	1	1
591	2.1070	53.5178	2.00	50.8	1	1
592	2.1125	53.6575	2.50	63.5	1	1
593	2.1181	53.8000	2.95	75.0	1	1
594	2.1223	53.9064	2.00	50.8	1	1
595	2.1230	53.9242	1.63	41.3	1	1
596	2.1300	54.1020	1.90	48.3	1	1
597	2.1340	54.2036	1.60	40.6	2	2
598	2.1386	54.3200	2.36	60.0	1	1
599	2.1410	54.3814	1.00	25.4	2	2
600	2.1453	54.4900	2.36	60.0	1	1
601	2.1623	54.9224	3.00	76.2	1	1
602	2.1775	55.3085	2.50	63.5	1	1
603	2.1791	55.3500	2.44	62.0	1	1
604	2.1922	55.6819	2.00	50.8	1	1
605	2.1934	55.7140	1.97	50.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
606	2.1940	55.7276	2.00	50.8	1	1
607	2.2031	55.9600	3.15	80.0	1	1
608	2.2080	56.0832	1.70	43.2	1	1
609	2.2080	56.0832	2.50	63.5	1	1
610	2.2090	56.1086	2.00	50.8	1	1
611	2.2180	56.3372	2.50	63.5	1	1
612	2.2230	56.4642	2.25	57.2	1	1
613	2.2358	56.7900	2.36	60.0	1	1
614	2.2380	56.8452	2.50	63.5	1	1
615	2.2421	56.9500	2.36	60.0	1	1
616	2.2430	56.9722	3.00	76.2	1	1
617	2.2460	57.0484	1.50	38.1	0	1
618	2.2484	57.1100	2.95	75.0	1	1
619	2.2500	57.1500	1.60	40.6	1	1
620	2.2550	57.2770	2.50	63.5	1	1
621	2.2650	57.5310	1.90	48.3	1	1
622	2.2730	57.7342	2.50	63.5	1	1
623	2.2780	57.8612	2.00	50.8	1	1
624	2.2816	57.9526	2.50	63.5	1	1
625	2.2835	58.0000	2.36	60.0	1	1
626	2.2872	58.0940	1.22	31.0	1	
627	2.2910	58.1914	1.20	30.5	2	1
628	2.2915	58.2041	2.00	50.8	1	1
629	2.3030	58.4962	2.00	50.8	1	1
630	2.3130	58.7502	2.00	50.8	1	1
631	2.3290	59.1566	2.00	50.8	1	1
632	2.3307	59.2000	2.36	60.0	1	1
633	2.3318	59.2277	0.75	19.1	1	1
634	2.3464	59.6000	1.97	50.0	1	1
635	2.3600	59.9440	2.00	50.8	1	1
636	2.3606	59.9592	2.00	50.8	1	1
637	2.3701	60.2000	2.95	75.0	1	1
638	2.3791	60.4300	3.15	80.0	1	1
639	2.3800	60.4520	1.75	44.5	1	1
640	2.3843	60.5600	2.17	55.0	1	1
641	2.3895	60.6933	1.50	38.1	1	1
642	2.3895	60.6933	1.57	40.0	0	1
643	2.3910	60.7314	1.50	38.1	1	1
644	2.3933	60.7900	2.36	60.0	1	1
645	2.4110	61.2394	3.00	76.2	1	1
646	2.4110	61.2394	2.25	57.2	1	1
647	2.4114	61.2500	2.36	60.0	1	1
648	2.4209	61.4900	2.36	60.0	1	1
649	2.4370	61.8998	1.00	25.4	1	1
650	2.4382	61.9300	2.99	76.0	1	1
651	2.4485	62.1919	3.00	76.2	1	1
652	2.4508	62.2500	1.57	40.0	1	1
653	2.4530	62.3062	2.44	62.0	1	1
654	2.4778	62.9350	2.76	70.0	1	1
655	2.4800	62.9920	1.25	31.8	1	1
656	2.4860	63.1444	2.50	63.5	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
657	2.4875	63.1825	3.00	76.2	1	1
658	2.4917	63.2900	2.36	60.0	1	1
659	2.4930	63.3222	3.00	76.2	1	1
660	2.5020	63.5508	0.78	19.7	1	1
661	2.5106	63.7700	2.91	74.0	1	1
662	2.5200	64.0080	1.25	31.8	1	2
663	2.5354	64.3992	2.00	50.0	1	1
664	2.5444	64.6270	1.97	50.0	1	1
665	2.5515	64.8081	3.50	88.9	1	1
666	2.5540	64.8716	1.50	38.1	1	1
667	2.5670	65.2018	1.50	38.1	1	1
668	2.5850	65.6590	2.75	69.9	1	1
669	2.5906	65.8000	3.15	80.0	1	1
670	2.5955	65.9257	3.00	76.2	1	1
671	2.5984	66.0000	1.97	50.0	1	1
672	2.6010	66.0654	2.50	63.5	1	1
673	2.6060	66.1924	2.00	50.8	1	1
674	2.6060	66.1924	2.50	63.5	1	1
675	2.6090	66.2686	1.75	44.5	1	1
676	2.6090	66.2686	2.50	63.5	1	2
677	2.6120	66.3448	2.10	53.3	2	2
678	2.6169	66.4700	2.36	60.0	1	1
679	2.6294	66.7868	2.50	63.5	1	1
680	2.6428	67.1268	2.00	50.8	1	1
681	2.6510	67.3354	1.20	30.5	2	2
682	2.6561	67.4650	0.50	12.7	0	1
683	2.6620	67.6148	2.00	50.8	1	1
684	2.6740	67.9196	2.00	50.8	1	1
685	2.6860	68.2244	2.50	63.5	1	1
686	2.6925	68.3900	2.56	65.0	1	0
687	2.6929	68.4000	0.71	18.0	1	1
688	2.6933	68.4100	2.56	65.0	1	0
689	2.6970	68.5038	2.00	50.8	1	1
690	2.6972	68.5100	1.97	50.0	1	0
691	2.7002	68.5850	2.36	60.0	1	1
692	2.7010	68.6054	2.50	63.5	1	1
693	2.7145	68.9483	3.00	76.2	1	1
694	2.7161	68.9900	2.95	75.0	1	1
695	2.7360	69.4944	3.00	76.2	1	1
696	2.7370	69.5198	2.00	50.8	1	1
697	2.7440	69.6976	2.00	50.8	1	1
698	2.7515	69.8881	2.50	63.5	1	1
699	2.7520	69.9008	1.75	44.5	1	1
700	2.7559	70.0000	2.05	52.0	1	1
701	2.7710	70.3834	1.50	38.1	1	2
702	2.7850	70.7390	2.50	63.5	1	1
703	2.7854	70.7492	1.35	34.3	1	1
704	2.8035	71.2100	2.36	60.0	1	1
705	2.8072	71.3029	1.60	40.6	1	1
706	2.8085	71.3359	2.00	50.8	1	2
707	2.8161	71.5300	2.00	50.8	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
708	2.8310	71.9074	2.01	51.0	1	1
709	2.8346	72.0000	2.36	60.0	1	1
710	2.8450	72.2630	1.50	38.1	1	1
711	2.8469	72.3100	2.00	50.8	1	1
712	2.8580	72.5932	2.50	63.5	1	1
713	2.8750	73.0250	2.00	50.8	1	1
714	2.8780	73.1012	1.52	38.6	1	1
715	2.8917	73.4500	1.57	40.0	1	1
716	2.9055	73.8000	2.35	59.6	1	0
717	2.9059	73.8100	1.57	40.0	0	1
718	2.9173	74.0994	2.00	50.0	1	1
719	2.9340	74.5236	2.00	50.8	1	1
720	2.9358	74.5693	2.50	63.5	1	1
721	2.9410	74.7014	2.25	57.2	1	1
722	2.9466	74.8436	1.00	25.4	1	1
723	2.9496	74.9200	2.36	60.0	1	1
724	2.9800	75.6920	0.60	15.5	1	2
725	2.9820	75.7428	3.00	76.2	1	1
726	2.9860	75.8444	2.50	63.5	1	1
727	2.9900	75.9460	3.00	76.2	1	1
728	2.9956	76.0882	3.00	76.2	1	1
729	2.9992	76.1800	2.91	74.0	1	1
730	3.0000	76.2000	1.75	44.5	1	1
731	3.0197	76.7000	2.95	75.0	1	1
732	3.0318	77.0077	3.00	76.2	1	1
733	3.0400	77.2160	1.90	48.5	1	2
734	3.0445	77.3303	3.75	95.3	1	1
735	3.0469	77.3920	2.00	50.8	1	1
736	3.0900	78.4860	0.91	23.0	0	1
737	3.0910	78.5114	2.00	50.0	1	1
738	3.0995	78.7273	2.50	63.5	1	1
739	3.1070	78.9178	2.75	69.9	1	1
740	3.1170	79.1718	2.50	63.5	1	1
741	3.1230	79.3242	2.50	63.5	1	1
742	3.1248	79.3700	3.07	78.0	1	1
743	3.1293	79.4842	2.00	51.0	1	1
744	3.1417	79.8000	3.94	100.0	1	1
745	3.1530	80.0862	2.00	50.8	1	1
746	3.1551	80.1400	2.80	71.0	1	1
747	3.1580	80.2132	2.00	50.8	1	1
748	3.1590	80.2386	2.00	51.0	2	1
749	3.1630	80.3402	2.00	51.0	0	1
750	3.1700	80.5180	2.50	63.5	1	1
751	3.1810	80.7974	2.25	57.2	1	1
752	3.2000	81.2800	2.00	50.8	1	1
753	3.2150	81.6610	3.00	76.2	1	1
754	3.2268	81.9600	2.09	53.0	1	1
755	3.2283	82.0000	1.97	50.0	1	1
756	3.2340	82.1436	2.00	51.3	1	1
757	3.2496	82.5400	1.93	49.0	0	1
758	3.2512	82.5800	2.44	62.0	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
759	3.2554	82.6872	3.00	76.2	1	1
760	3.2587	82.7700	2.36	60.0	1	1
761	3.2768	83.2300	2.32	59.0	1	1
762	3.2835	83.4009	3.50	89.0	0	1
763	3.2864	83.4746	2.00	50.8	1	1
764	3.2898	83.5600	2.95	75.0	1	1
765	3.2940	83.6676	3.00	76.2	1	1
766	3.3047	83.9400	2.36	60.0	1	1
767	3.3230	84.4042	3.00	76.2	0	1
768	3.3386	84.8000	2.95	75.0	1	1
769	3.3409	84.8600	2.95	75.0	1	1
770	3.3431	84.9147	2.50	63.5	1	1
771	3.3496	85.0800	2.95	75.0	1	1
772	3.3650	85.4710	2.27	57.6	1	1
773	3.3811	85.8800	2.72	69.0	1	1
774	3.3846	85.9700	2.95	75.0	1	1
775	3.3900	86.1060	2.03	51.6	1	1
776	3.3926	86.1720	3.00	76.2	1	1
777	3.4055	86.5000	3.35	85.0	1	1
778	3.4170	86.7918	2.00	50.8	1	1
779	3.4205	86.8800	2.76	70.0	1	1
780	3.4240	86.9696	3.00	76.2	1	1
781	3.4460	87.5284	2.00	50.8	1	1
782	3.4531	87.7100	3.54	90.0	1	1
783	3.4560	87.7824	3.50	89.0	0	1
784	3.4860	88.5444	2.75	69.9	1	1
785	3.4922	88.7019	2.50	63.5	1	1
786	3.4961	88.8000	2.95	75.0	1	0
787	3.4965	88.8100	2.95	75.0	1	1
788	3.5059	89.0499	2.00	50.0	1	1
789	3.5150	89.2810	2.27	57.6	1	1
790	3.5190	89.3826	1.90	48.5	2	2
791	3.5304	89.6722	3.25	82.6	1	1
792	3.5430	89.9922	2.50	63.5	1	1
793	3.5505	90.1827	2.25	57.2	1	1
794	3.5510	90.1954	0.75	19.1	1	1
795	3.5530	90.2462	2.00	50.8	1	0
796	3.5550	90.2970	2.00	50.8	1	0
797	3.5550	90.2970	2.50	63.5	0	1
798	3.5602	90.4300	2.91	74.0	1	1
799	3.5660	90.5764	3.25	82.6	1	1
800	3.5750	90.8050	2.20	55.8	1	1
801	3.5795	90.9193	2.50	63.5	1	1
802	3.5860	91.0844	2.50	63.5	1	1
803	3.5920	91.2368	1.75	44.5	1	1
804	3.6070	91.6178	2.50	63.5	1	1
805	3.6110	91.7200	1.38	35.0	1	0
806	3.6110	91.7200	2.95	75.0	1	1
807	3.6358	92.3500	3.43	87.0	1	0
808	3.6386	92.4200	2.76	70.0	1	1
809	3.6510	92.7354	2.00	51.6	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
810	3.6520	92.7608	2.00	50.8	1	1
811	3.6543	92.8200	2.95	75.0	1	1
812	3.6630	93.0402	2.50	63.5	1	1
813	3.6673	93.1500	1.69	43.0	1	1
814	3.6680	93.1672	1.97	50.0	1	1
815	3.6700	93.2180	2.25	57.0	1	1
816	3.6737	93.3120	2.25	57.2	1	1
817	3.6886	93.6900	2.95	75.0	1	1
818	3.6990	93.9546	1.00	25.3	1	2
819	3.6990	93.9546	1.35	34.5	1	1
820	3.7520	95.3000	2.56	65.0	1	1
821	3.7575	95.4405	1.00	25.4	1	1
822	3.7610	95.5300	2.68	68.0	1	1
823	3.8000	96.5200	2.03	51.5	1	1
824	3.8244	97.1400	3.43	87.0	1	0
825	3.8348	97.4050	2.87	73.0	1	1
826	3.8375	97.4725	3.00	76.2	1	1
827	3.8430	97.6122	2.50	63.5	1	1
828	3.8625	98.1075	3.00	76.2	1	1
829	3.8965	98.9711	2.50	63.5	1	1
830	3.9244	99.6800	3.94	100.0	1	1
831	3.9350	99.9500	3.94	100.0	1	1
832	3.9370	100.0000	2.83	72.0	1	1
833	3.9399	100.0735	2.49	63.3	1	1
834	3.9410	100.1014	2.75	69.9	1	1
835	3.9590	100.5586	2.00	51.7	1	1
836	3.9620	100.6348	1.75	44.5	1	1
837	3.9807	101.1098	0.85	21.8	0	1
838	3.9807	101.1100	2.40	60.9	0	1
839	3.9843	101.2000	2.95	75.0	1	1
840	3.9920	101.3968	3.25	82.6	1	1
841	4.0122	101.9090	2.36	60.0	0	1
842	4.0350	102.4890	2.01	51.0	1	1
843	4.0360	102.5144	2.00	50.8	1	1
844	4.0585	103.0859	2.50	63.5	1	1
845	4.0640	103.2256	3.00	76.2	1	1
846	4.0680	103.3272	2.02	51.3	1	1
847	4.0730	103.4542	1.50	39.0	1	0
848	4.0803	103.6400	2.00	50.8	1	1
849	4.0860	103.7844	2.00	50.8	1	1
850	4.1060	104.2924	2.50	63.5	1	1
851	4.1318	104.9500	5.00	127.0	1	0
852	4.1325	104.9655	3.00	76.2	1	1
853	4.1340	105.0036	1.65	42.3	1	2
854	4.1370	105.0798	2.50	63.5	1	1
855	4.1744	106.0300	3.15	80.0	1	1
856	4.1990	106.6546	3.00	76.2	0	1
857	4.2230	107.2642	1.75	44.5	1	1
858	4.2284	107.4010	2.95	75.0	1	1
859	4.2380	107.6452	3.00	76.2	1	1
860	4.2610	108.2300	2.00	50.8	1	1

ID	RADIUS(IN)	RADIUS(MM)	DIA (IN)	DIA(MM)	CX	CC
861	4.2878	108.9100	3.94	100.0	1	1
862	4.2970	109.1438	2.00	50.8	1	1