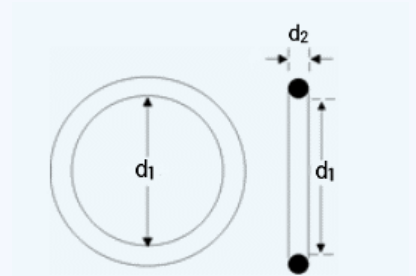




O-ring sizes

O-ring sizes and dimensions BS1806 – AS568A

Measuring an O-Ring



Materials

NBR	FKM/VIT	EPDM
HNBR	FFKM	Neoprene
PTFE	Silicone	Fluorosilicone

Other materials are available on request

Part No. (BS)	1/16" cross section(d ₂) 1.78mm ± 0.08mm 0.070" ± 0.003"					
	Internal diameter (d ₁)				Nominal size	
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
•001	0.74	0.13	0.029	0.005	1/32	-
•002	1.07	0.13	0.042	0.005	3/64	-
•003	1.42	0.13	0.056	0.005	1/16	-
•606	1.78	0.13	0.070	0.005	5/64	-
004	1.78	0.13	0.070	0.005	5/64	13/64
•607	2.54	0.13	0.100	0.005	-	-
005	2.54	0.13	0.100	0.005	7/64	15/65
006	2.90	0.13	0.114	0.005	-	-
801	3.14	0.13	0.124	0.005	5/32	9/32
007	3.68	0.13	0.145	0.005	3/16	5/16
008	4.48	0.13	0.176	0.005	7/32	11/32
802	4.76	0.13	0.187	0.005	-	-
009	5.28	0.13	0.208	0.005	7/32	11/32
010	6.07	0.13	0.239	0.005	1/4	3/8
803	6.35	0.13	0.250	0.005	-	-
610	6.75	0.13	0.266	0.005	17/64	-
011	7.66	0.13	0.302	0.005	5/16	7/16
611	8.73	0.13	0.344	0.005	11/32	15/32
012	9.25	0.13	0.364	0.005	3/8	1/2
013	10.82	0.13	0.426	0.005	7/16	9/16
806	11.11	0.13	0.437	0.005	7/16	-
014	12.42	0.13	0.489	0.005	1/2	5/8
015	14.00	0.13	0.551	0.005	9/16	11/16
016	15.60	0.13	0.614	0.005	5/8	3/4
017	17.16	0.13	0.676	0.005	11/16	13/16
018	18.77	0.13	0.739	0.005	3/4	7/8
019	20.35	0.15	0.801	0.006	13/16	15/16
020	21.95	0.15	0.864	0.006	7/8	1
021	23.53	0.15	0.926	0.006	15/16	1.1/16
022	25.12	0.15	0.989	0.006	1	1.1/8
023	26.70	0.15	1.051	0.006	1.1/16	1.3/16
024	28.30	0.15	1.114	0.006	1.1/8	1.1/4
025	29.87	0.15	1.176	0.006	1.3/16	1.5/16
026	31.47	0.15	1.239	0.006	1.1/4	1.3/8
027	33.05	0.15	1.301	0.006	1.5/16	1.7/16
028	34.65	0.15	1.364	0.006	1.3/8	1.1/2
517	36.27	0.38	1.428	0.015	1.7/16	1.9/16
029	37.82	0.25	1.489	0.010	1.1/2	1.5/8

Part No. (BS)	1/16" cross section(d ₂) 1.78mm ± 0.08mm 0.070" ± 0.003"					
	Internal diameter (d ₁)				Nominal size	
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
519	39.45	0.38	1.553	0.015	1.9/16	1.11/16
030	41.00	0.25	1.614	0.010	1.5/8	1.3/4
031	44.17	0.25	1.739	0.010	1.3/4	1.7/8
032	47.37	0.25	1.865	0.010	1.7/8	2
033	50.52	0.25	1.989	0.010	2	2.1/8
034	53.67	0.25	2.113	0.010	2.1/8	2.1/4
035	56.87	0.25	2.239	0.010	2.1/4	2.3/8
036	60.04	0.25	2.364	0.010	2.3/8	2.1/2
037	63.22	0.25	2.489	0.010	2.1/2	2.5/8
038	66.40	0.25	2.614	0.010	2.5/8	2.3/4
039	69.57	0.25	2.739	0.010	2.3/4	2.7/8
040	72.76	0.38	2.865	0.015	2.7/8	3
041	75.92	0.38	2.989	0.015	3	3.1/8
532	79.00	0.51	3.110	0.020	3.1/8	3.1/4
042	82.28	0.38	3.239	0.015	3.1/4	3.3/8
534	85.34	0.51	3.360	0.020	3.3/8	3.1/2
043	88.62	0.38	3.489	0.015	3.1/2	3.5/8
536	91.70	0.51	3.610	0.020	3.5/8	3.3/4
044	94.97	0.38	3.739	0.015	3.3/4	3.7/8
538	98.05	0.51	3.860	0.020	3.7/8	4
540	104.40	0.51	4.110	0.020	4.1/8	4.1/4
046	107.70	0.38	4.240	0.015	4.1/4	4.3/8
542	110.74	0.51	4.360	0.020	4.3/8	4.1/2
047	114.00	0.38	4.488	0.015	4.1/2	4.5/8
544	117.10	0.51	4.610	0.020	4.5/8	4.3/4
048	120.40	0.38	4.740	0.015	4.3/4	4.7/8
546	123.44	0.51	4.860	0.020	4.7/8	5
049	126.76	0.38	4.991	0.015	5	5.1/8
548	129.40	0.71	5.094	0.028	5.1/8	5.1/4
050	133.07	0.38	5.239	0.015	5.1/4	5.3/8

Note: cross section diameter

001 = 1.02 ± 0.07	0.040" ± 0.003"
002 = 1.27 ± 0.07	0.050" ± 0.003"
003 = 1.52 ± 0.07	0.060" ± 0.003"
606 = 1.02 ± 0.07	0.040" ± 0.003"
607 = 1.02 ± 0.07	0.040" ± 0.003"



3/32" cross section(d ₂) 2.62mm ± 0.08mm 0.103" ± 0.003"						
Part No. (BS)	Internal diameter (d ₁)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
102	1.24	0.10	0.049	0.004	1/16	1/4
103	2.06	0.13	0.081	0.005	3/32	9/32
104	2.84	0.13	0.112	0.005	1/8	5/16
105	3.63	0.13	0.143	0.005	5/32	11/32
106	4.42	0.13	0.174	0.005	3/16	3/8
107	5.23	0.13	0.206	0.005	7/32	13/32
108	6.02	0.13	0.237	0.005	1/4	7/16
109	7.60	0.13	0.299	0.005	5/16	1/2
110	9.19	0.13	0.362	0.005	3/8	9/16
613	9.92	0.13	0.391	0.005	25/64	37/64
111	10.78	0.13	0.424	0.005	7/16	5/8
614	11.91	0.13	0.469	0.005	15/32	21/32
112	12.37	0.13	0.487	0.005	1/2	11/16
615	13.10	0.13	0.516	0.005	33/64	45/64
113	13.95	0.13	0.549	0.005	9/16	3/4
616	15.08	0.13	0.594	0.005	19/32	25/32
114	15.54	0.13	0.612	0.005	5/8	13/16
809	15.88	0.13	0.625	0.005	-	-
115	17.13	0.13	0.674	0.005	11/16	7/8
617	17.86	0.13	0.703	0.005	-	-
116	18.72	0.13	0.737	0.005	3/4	15/16
117	20.29	0.15	0.799	0.006	13/16	1
812	20.63	0.15	0.812	0.006	-	-
118	21.89	0.15	0.862	0.006	7/8	1.1/16
813	22.22	0.15	0.875	0.006	-	-
119	23.47	0.15	0.925	0.006	15/16	1.1/8
814	23.81	0.15	0.937	0.006	-	-
120	25.07	0.15	0.987	0.006	1	1.3/16
121	26.64	0.15	1.049	0.006	1.1/16	1.1/4
122	28.25	0.15	1.112	0.006	1.1/8	1.5/16
123	29.82	0.15	1.174	0.006	1.3/16	1.3/8
124	31.42	0.15	1.237	0.006	1.1/4	1.7/16
125	33.00	0.15	1.299	0.006	1.5/16	1.1/2
126	34.59	0.15	1.362	0.006	1.3/8	1.9/16
127	36.17	0.15	1.424	0.006	1.7/16	1.5/8
128	37.77	0.15	1.487	0.006	1.1/2	1.11/16
129	39.34	0.25	1.549	0.010	1.9/16	1.3/4
130	40.95	0.25	1.612	0.010	1.5/8	1.13/16
131	42.52	0.25	1.674	0.010	1.11/16	1.7/8
132	44.12	0.25	1.737	0.010	1.3/4	1.15/16
133	45.69	0.25	1.799	0.010	1.13/16	2
134	47.29	0.25	1.862	0.010	1.7/8	2.1/16
135	48.90	0.25	1.925	0.010	1.15/16	2.1/8
136	50.47	0.25	1.987	0.010	2	2.3/16
137	52.07	0.25	2.050	0.010	2.1/16	2.1/4
138	53.65	0.25	2.112	0.010	2.1/16	2.5/16
139	55.25	0.25	2.175	0.010	2.3/16	2.3/8
140	56.82	0.25	2.237	0.010	2.1/4	2.7/16
141	58.42	0.25	2.300	0.010	2.5/16	2.1/2
142	60.00	0.25	2.362	0.010	2.3/8	2.9/16
143	61.60	0.25	2.425	0.010	2.7/16	2.5/8
144	63.17	0.25	2.487	0.010	2.1/2	2.11/16
145	64.77	0.25	2.550	0.010	2.9/16	2.3/4
146	66.35	0.25	2.612	0.010	2.5/8	2.13/16
147	67.95	0.38	2.675	0.015	2.11/16	2.7/8
148	69.52	0.38	2.737	0.015	2.3/4	2.15/16

3/32" cross section(d ₂) 2.62mm ± 0.08mm 0.103" ± 0.003"						
Part No. (BS)	Internal diameter (d ₁)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
149	71.12	0.38	2.800	0.015	2.13/16	3
150	72.69	0.38	2.862	0.015	2.7/8	3.1/16
640	74.30	0.38	2.924	0.015	2.15/16	3.1/8
151	75.87	0.38	2.987	0.015	3	3.3/16
641	77.50	0.38	3.049	0.015	3.1/16	3.1/4
642	80.60	0.38	3.174	0.015	3.3/16	3.3/8
152	82.22	0.38	3.237	0.015	3.1/4	3.7/16
643	83.80	0.38	3.299	0.015	3.5/16	3.1/2
153	88.57	0.38	3.487	0.015	3.1/2	3.11/16
154	94.93	0.38	3.737	0.015	3.3/4	3.15/16
155	101.27	0.38	3.987	0.015	4	4.3/16
156	107.63	0.38	4.237	0.015	4.1/4	4.7/16
157	113.98	0.38	4.487	0.015	4.1/2	4.11/16
158	120.33	0.38	4.737	0.015	4.3/4	4.15/16
159	126.67	0.38	4.987	0.015	5	5.3/16
160	133.00	0.58	5.237	0.023	5.1/4	5.7/16
161	139.38	0.58	5.487	0.023	5.1/2	5.11/16
162	145.72	0.58	5.737	0.023	5.3/4	5.15/16
163	152.07	0.58	5.987	0.023	6	6.3/16
164	158.41	0.58	6.237	0.023	6.1/4	6.7/16
165	164.78	0.58	6.487	0.023	6.1/2	6.11/16
166	171.13	0.58	6.737	0.023	6.3/4	6.15/16
167	177.47	0.58	6.987	0.023	7	7.3/16
168	183.83	0.76	7.237	0.030	7.1/4	7.7/16
169	190.18	0.76	7.487	0.030	7.1/2	7.11/16
170	196.58	0.76	7.737	0.030	7.3/4	7.15/16
171	202.87	0.76	7.987	0.030	8	8.3/16
172	209.23	0.76	8.237	0.030	8.1/4	8.7/16
173	215.58	0.76	8.487	0.030	8.1/2	8.11/16
174	221.93	0.76	8.737	0.030	8.3/4	8.15/16
175	228.28	0.76	8.987	0.030	9	9.3/16
176	234.63	0.76	9.237	0.030	9.1/4	9.7/16
177	240.98	0.76	9.487	0.030	9.1/2	9.11/16
178	247.33	0.76	9.737	0.030	9.3/4	9.15/16

1/8" cross section(d ₂) 3.53mm ± 0.10mm 0.139" ± 0.004"						
Part No. (BS)	Internal diameter (d ₁)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
201	4.34	0.13	0.171	0.005	3/16	7/16
202	5.94	0.13	0.234	0.005	1/4	1/2
203	7.52	0.13	0.296	0.005	5/16	9/16
204	9.12	0.13	0.359	0.005	3/8	5/8
205	10.69	0.13	0.421	0.005	7/16	11/16
206	12.29	0.13	0.484	0.005	1/2	3/4
207	13.87	0.13	0.546	0.005	9/16	13/16
208	15.47	0.13	0.609	0.005	5/8	7/8
209	17.04	0.13	0.671	0.005	11/16	15/16
210	18.64	0.15	0.734	0.006	3/4	1
211	20.22	0.15	0.796	0.006	13/16	1.1/16
212	21.82	0.15	0.859	0.006	7/8	1.1/8
213	23.40	0.15	0.921	0.006	15/16	1.3/16
214	24.99	0.15	0.984	0.006	1	1.1/4
618	25.80	0.15	1.016	0.006	1.1/64	-
215	26.58	0.15	1.046	0.006	1.1/16	1.5/16



1/8" cross section(d ₂) 3.53mm ± 0.10mm 0.139" ± 0.004"						
Part No. (BS)	Internal diameter (d _i)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
216	28.17	0.15	1.109	0.006	1.1/8	1.3/8
217	29.75	0.15	1.171	0.006	1.3/16	1.7/16
218	31.34	0.15	1.234	0.006	1.1/4	1.1/2
219	32.92	0.15	1.296	0.006	1.5/16	1.9/16
220	34.52	0.15	1.359	0.006	1.3/8	1.5/8
221	36.10	0.15	1.421	0.006	1.7/16	1.11/16
222	37.69	0.15	1.484	0.006	1.1/2	1.3/4
824	39.69	0.25	1.563	0.010	1.9/16	1.13/16
223	40.87	0.25	1.609	0.010	1.5/8	1.7/8
825	41.28	0.25	1.625	0.010	1.5/8	-
826	42.86	0.25	1.687	0.010	1.11/16	1.15/16
224	44.04	0.25	1.734	0.010	1.3/4	2
827	44.45	0.25	1.750	0.010	-	-
828	46.04	0.25	1.812	0.010	1.13/16	2.1/16
225	47.22	0.25	1.859	0.010	1.7/8	2.1/8
829	47.63	0.25	1.875	0.010	-	-
830	49.21	0.25	1.937	0.010	1.15/16	2.3/16
226	50.40	0.25	1.984	0.010	2	2.1/4
831	50.80	0.25	2.000	0.010	-	-
832	52.39	0.25	2.063	0.010	2.1/16	2.1/8
227	53.57	0.25	2.109	0.010	2.1/8	2.3/8
833	53.98	0.25	2.125	0.010	-	-
834	55.56	0.25	2.187	0.010	2.3/16	2.7/16
228	56.74	0.25	2.234	0.010	2.1/4	2.1/2
835	57.15	0.25	2.250	0.010	-	-
836	58.74	0.25	2.312	0.010	2.5/16	2.9/16
229	59.92	0.25	2.359	0.010	2.3/8	2.5/8
837	60.33	0.25	2.375	0.010	2.3/8	-
838	61.90	0.25	2.437	0.010	2.7/16	2.11/16
230	63.09	0.25	2.484	0.010	2.1/2	2.3/4
839	63.50	0.25	2.500	0.010	-	-
840	65.10	0.25	2.563	0.010	2.9/16	2.13/16
231	66.27	0.25	2.609	0.010	2.5/8	2.7/8
841	66.67	0.38	2.625	0.015	-	-
842	68.26	0.38	2.687	0.015	2.11/16	2.15/16
232	69.44	0.38	2.734	0.015	2.3/4	3
843	69.85	0.38	2.750	0.015	2.13/16	-
844	71.44	0.38	2.812	0.015	-	-
233	72.62	0.38	2.859	0.015	2.7/8	3.1/8
845	73.02	0.38	2.875	0.015	-	-
846	74.60	0.38	2.937	0.015	2.15/16	3.3/16
234	75.80	0.38	2.984	0.015	3	3.1/4
235	78.97	0.38	3.109	0.015	3.1/8	3.3/8
236	82.14	0.38	3.234	0.015	3.1/4	3.1/2
237	85.32	0.38	3.359	0.015	3.3/8	3.5/8
238	88.50	0.38	3.484	0.015	3.1/2	3.3/4

1/8" cross section(d ₂) 3.53mm ± 0.10mm 0.139" ± 0.004"						
Part No. (BS)	Internal diameter (d _i)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
239	98.02	0.38	3.859	0.015	3.7/8	4.1/8
240	101.20	0.38	3.984	0.015	4	4.1/4
241	98.02	0.38	3.859	0.015	3.7/8	4.1/8
242	101.20	0.38	3.984	0.015	4	4.1/4
243	104.37	0.38	4.109	0.015	4.1/8	4.3/8
244	107.54	0.38	4.234	0.015	4.1/4	4.1/2
245	110.72	0.38	4.359	0.015	4.3/8	4.5/8
246	113.90	0.38	4.484	0.015	4.1/2	4.3/4
247	117.07	0.38	4.609	0.015	4.5/8	4.7/8
248	120.25	0.38	4.734	0.015	4.3/4	5
249	123.42	0.38	4.859	0.015	4.7/8	5.1/8
250	126.60	0.38	4.984	0.015	5	5.1/4
251	129.77	0.58	5.108	0.023	5.1/8	5.3/8
252	132.94	0.58	5.234	0.023	5.1/4	5.1/2
253	136.12	0.58	5.359	0.023	5.3/8	5.5/8
254	139.30	0.58	5.484	0.023	5.1/2	5.3/4
255	142.47	0.58	5.609	0.023	5.5/8	5.7/8
256	145.65	0.58	5.734	0.023	5.3/4	6
257	148.82	0.58	5.859	0.023	5.7/8	6.1/8
258	151.99	0.58	5.984	0.023	6	6.1/4
259	158.35	0.58	6.234	0.023	6.1/4	6.1/2
260	164.70	0.58	6.484	0.023	6.1/2	6.3/4
261	171.05	0.58	6.734	0.023	6.3/4	7
262	177.40	0.58	6.984	0.023	7	7.1/4
263	183.75	0.76	7.234	0.030	7.1/4	7.1/2
264	190.10	0.76	7.484	0.030	7.1/2	7.3/4
265	196.44	0.76	7.734	0.030	7.3/4	8
266	202.79	0.76	7.984	0.030	8	8.1/4
267	209.14	0.76	8.234	0.030	8.1/4	8.1/2
268	215.49	0.76	8.484	0.030	8.1/2	8.3/4
269	221.84	0.76	8.734	0.030	8.3/4	9
270	228.19	0.76	8.984	0.030	9	9.1/4
271	234.54	0.76	9.234	0.030	9.1/4	9.1/2
272	240.89	0.76	9.484	0.030	9.1/2	9.3/4
273	247.24	0.76	9.734	0.030	9.3/4	10
274	253.59	0.76	9.984	0.030	10	10.1/4
275	266.30	0.76	10.484	0.030	10.1/2	10.3/4
276	279.00	0.76	10.984	0.030	11	11.1/4
277	291.70	0.76	11.484	0.030	11.1/2	11.3/4
278	304.39	0.76	11.984	0.030	12	12.1/4
279	329.80	0.76	12.984	0.030	13	13.1/4
280	355.20	0.76	13.984	0.030	14	14.1/4
281	380.60	0.76	14.984	0.030	15	15.1/4
282	405.26	0.76	15.955	0.045	16	16.1/4
283	430.66	0.76	16.955	0.045	17	17.1/4
284	456.06	0.76	17.955	0.045	18	18.1/4



Part No. (BS)	3/16" cross section(d ₂) 5.34mm ± 0.13mm 0.210" ± 0.005"					
	Internal diameter (d ₁)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
309	10.46	0.13	0.412	0.005	7/16	13/16
310	12.07	0.13	0.475	0.005	1/2	7/8
311	13.64	0.13	0.537	0.005	9/16	15/16
312	15.24	0.13	0.600	0.005	5/8	1
313	16.81	0.13	0.662	0.005	11/16	1.1/16
314	18.42	0.13	0.725	0.005	3/4	1.1/8
315	19.99	0.15	0.787	0.006	13/16	1.3/16
316	21.59	0.15	0.850	0.006	7/8	1.1/4
317	23.16	0.15	0.912	0.006	15/16	1.5/16
318	24.77	0.15	0.975	0.006	1	1.3/8
319	26.34	0.15	1.037	0.006	1.1/16	1.7/16
320	27.94	0.15	1.100	0.006	1.1/8	1.1/2
321	29.51	0.15	1.162	0.006	1.3/16	1.9/16
322	31.12	0.15	1.225	0.006	1.1/4	1.5/8
323	32.69	0.15	1.287	0.006	1.5/16	1.11/16
324	34.29	0.15	1.350	0.006	1.3/8	1.3/4
325	37.47	0.25	1.475	0.010	1.1/2	1.7/8
326	40.65	0.25	1.600	0.010	1.5/8	2
327	43.82	0.25	1.725	0.010	1.3/4	2.1/8
328	47.00	0.25	1.850	0.010	1.7/8	2.1/4
329	50.16	0.25	1.975	0.010	2	2.3/8
330	53.34	0.25	2.100	0.010	2.1/8	2.1/2
331	56.52	0.25	2.225	0.010	2.1/4	2.5/8
332	59.70	0.25	2.350	0.010	2.3/8	2.3/4
333	62.87	0.25	2.475	0.010	2.1/2	2.7/8
334	66.04	0.25	2.600	0.010	2.5/8	3
335	69.22	0.38	2.725	0.015	2.3/4	3.1/8
336	72.40	0.38	2.850	0.015	2.7/8	3.1/4
619	74.63	0.38	2.938	0.015	2.15/16	3.5/16
337	75.57	0.38	2.975	0.015	3	3.3/8
338	78.74	0.38	3.100	0.015	3.1/8	3.1/2
620	79.77	0.38	3.141	0.015	-	-
339	81.92	0.38	3.225	0.015	3.1/4	3.5/8
340	85.09	0.38	3.350	0.015	3.3/8	3.3/4
341	88.27	0.38	3.475	0.015	3.1/2	3.7/8
621	89.69	0.38	3.531	0.015	3.9/16	3.15/16
342	91.44	0.38	3.600	0.015	3.5/8	4
343	94.62	0.38	3.725	0.015	3.3/4	4.1/8
344	97.80	0.38	3.850	0.015	3.7/8	4.1/4
622	100.00	0.38	3.937	0.015	3.15/16	4.5/16
345	100.97	0.38	3.975	0.015	4	4.3/8
346	104.14	0.38	4.100	0.015	4.1/8	4.1/2
347	107.32	0.38	4.225	0.015	4.1/4	4.5/8
623	109.54	0.38	4.312	0.015	-	-
348	110.49	0.38	4.350	0.015	4.3/8	4.3/4
349	113.67	0.38	4.475	0.015	4.1/2	4.7/8
350	116.84	0.38	4.600	0.015	4.5/8	5
350A	117.48	0.38	4.625	0.015	-	-
351	120.02	0.38	4.725	0.015	4.3/4	5.1/8
351A	120.70	0.38	4.750	0.015	-	-
352	123.20	0.38	4.850	0.015	4.7/8	5.1/4
352A	123.80	0.38	4.875	0.015	-	-
353	126.37	0.38	4.975	0.015	5	5.3/8

Part No. (BS)	3/16" cross section(d ₂) 5.34mm ± 0.13mm 0.210" ± 0.005"					
	Internal diameter (d ₁)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
353A	130.18	0.58	5.125	0.023	-	-
354	132.72	0.58	5.225	0.023	5.1/4	5.5/8
354A	130.18	0.58	5.125	0.023	-	-
355	132.72	0.58	5.225	0.023	5.1/4	5.5/8
355A	133.35	0.58	5.250	0.023	-	-
356	135.90	0.58	5.350	0.023	5.3/8	5.3/4
356A	136.53	0.58	5.375	0.023	-	-
357	139.07	0.58	5.475	0.023	5.1/2	5.7/8
357A	139.70	0.58	5.500	0.023	-	-
358	142.24	0.58	5.600	0.023	5.5/8	6
358A	142.88	0.58	5.625	0.023	-	-
359	145.42	0.58	5.725	0.023	5.3/4	6.1/8
359A	146.05	0.58	5.750	0.023	-	-
360	148.60	0.58	5.850	0.023	5.7/8	6.1/4
360A	149.23	0.58	5.875	0.023	-	-
361	151.77	0.58	5.975	0.023	6	6.3/8
361A	155.00	0.58	6.100	0.023	6.1/8	6.1/2
362	158.12	0.58	6.225	0.023	6.1/4	6.5/8
362A	161.30	0.58	6.350	0.023	6.3/8	6.3/4
363	164.47	0.58	6.475	0.023	6.1/2	6.5/8
363A	167.70	0.58	6.600	0.023	6.5/8	7
364	170.82	0.58	6.725	0.023	6.3/4	7.1/8
365	177.17	0.58	6.975	0.023	7	7.3/8
366	183.52	0.58	7.225	0.030	7.1/4	7.5/8
367	189.87	0.58	7.425	0.030	7.1/2	7.7/8
368	196.22	0.58	7.725	0.030	7.3/4	8.1/8
369	202.57	0.76	7.975	0.030	8	8.3/8
370	208.92	0.76	8.225	0.030	8.1/4	8.5/8
371	215.27	0.76	8.475	0.030	8.1/2	8.7/8
372	221.62	0.76	8.725	0.030	8.3/4	9.1/8
373	227.97	0.76	8.975	0.030	9	9.3/8
374	234.32	0.76	9.225	0.030	9.1/4	9.5/8
375	240.67	0.76	9.475	0.030	9.1/2	9.7/8
376	247.02	0.76	9.725	0.030	9.3/4	10.1/8
377	253.37	0.76	9.975	0.030	10	10.3/8
378	266.07	0.76	10.475	0.030	10.1/2	10.7/8
379	278.77	0.76	10.975	0.030	11	11.3/8
380	291.47	0.76	11.475	0.030	11.1/2	11.7/8
381	304.17	0.76	11.975	0.030	12	12.3/8
382	329.57	0.76	12.975	0.030	13	13.3/8
383	354.97	0.76	13.975	0.030	14	14.3/8
384	380.37	0.76	14.975	0.030	15	15.3/8
385	405.26	1.14	15.975	0.045	16	16.3/8
386	430.66	1.14	16.975	0.045	17	17.3/8
387	456.06	1.14	17.975	0.045	18	18.3/8
388	481.46	1.14	18.975	0.045	19	19.3/8
389	506.81	1.14	19.975	0.045	20	20.3/8
390	532.20	1.14	20.955	0.045	21	21.3/8
391	557.60	1.14	21.955	0.045	22	22.3/8
392	582.68	1.52	22.940	0.060	23	23.3/8
393	608.08	1.52	23.940	0.060	24	24.3/8
394	633.48	1.52	24.940	0.060	25	25.3/8
395	658.88	1.52	25.940	0.060	26	26.3/8



Part No. (BS)	6.99mm ± 0.15mm		0.275" ± 0.006"		Nominal size	
	Internal diameter (d _i)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
425	113.67	0.38	4.475	0.015	4.1/2	5
624	114.70	0.38	4.516	0.015	4.9/16	5.1/16
426	116.84	0.38	4.600	0.015	4.5/8	5.1/8
427	120.02	0.38	4.725	0.015	4.3/4	5.1/4
428	123.20	0.38	4.850	0.015	4.7/8	5.3/8
625	124.60	0.38	4.906	0.015	-	-
429	126.37	0.38	4.975	0.015	5	5.1/2
430	129.54	0.58	5.100	0.023	5.1/8	5.5/8
431	132.72	0.58	5.225	0.023	5.1/4	5.3/4
626	134.50	0.58	5.297	0.023	-	-
432	135.90	0.58	5.350	0.023	5.3/8	5.7/8
433	139.07	0.58	5.475	0.023	5.1/2	6
434	142.24	0.58	5.600	0.023	5.5/8	6.1/8
435	145.42	0.58	5.725	0.023	5.3/4	6.1/4
436	148.60	0.58	5.850	0.023	5.7/8	6.3/8
437	151.77	0.58	5.975	0.023	6	6.1/2
872	155.60	0.58	6.126	0.023	6.1/8	6.5/8
438	158.12	0.58	6.225	0.023	6.1/4	6.3/4
627	159.50	0.58	6.281	0.023	-	-
874	161.90	0.58	6.375	0.023	-	-
439	164.47	0.58	6.475	0.023	6.1/2	7
628	166.70	0.58	6.563	0.023	6.9/16	7.1/16
876	168.30	0.58	6.625	0.023	6.5/8	7.1/8
440	170.82	0.58	6.725	0.023	6.3/4	7.1/4
878	174.60	0.58	6.875	0.023	-	-
441	177.17	0.58	6.975	0.023	7	7.1/2
441A	181.00	0.76	7.125	0.030	-	-
442	183.52	0.76	7.225	0.030	7.1/4	7.3/4
442A	187.30	0.76	7.375	0.030	7.3/8	7.7/8
443	189.87	0.76	7.475	0.030	7.1/2	8
443A	193.70	0.76	7.625	0.030	7.5/8	8.1/8
444	196.22	0.76	7.725	0.030	7.3/4	8.1/4
444A	199.80	0.76	7.866	0.030	7.7/8	8.3/8
445	202.57	0.76	7.975	0.030	8	8.1/2
445A	208.92	0.76	8.225	0.030	8.1/4	8.3/4
446	215.27	0.76	8.475	0.030	8.1/2	9
446A	221.62	0.76	8.725	0.030	8.3/4	9.1/4
447	227.97	0.76	8.975	0.030	9	9.1/2
447A	234.32	0.76	9.225	0.030	9.1/4	9.3/4
448	240.67	0.76	9.475	0.030	9.1/2	10
448A	247.00	0.76	9.725	0.030	9.3/4	10.1/4
449	253.57	0.76	9.975	0.030	10	10.1/2
449A	259.70	0.76	10.225	0.030	10.1/4	10.3/4
450	266.07	0.76	10.475	0.030	10.1/2	11
450A	272.40	0.76	10.725	0.030	10.3/4	11.1/4
451	278.77	0.76	10.975	0.030	11	11.1/2
451A	285.10	0.76	11.225	0.030	11.1/4	11.3/4
452	291.47	0.76	11.475	0.030	11.1/2	12
452A	297.80	0.76	11.725	0.030	11.3/4	12.1/4
453	304.17	0.76	11.975	0.030	12	12.1/2
453A	310.50	0.76	12.225	0.030	12.1/4	12.3/4
454	316.87	0.76	12.475	0.030	12.1/2	13
455	329.57	0.76	12.975	0.030	13	13.1/2
456	342.27	0.76	13.475	0.030	13.1/2	14
457	354.97	0.76	13.975	0.030	14	14.1/2
458	367.67	0.76	14.475	0.030	14.1/2	15
459	380.37	0.76	14.975	0.030	15	15.1/2
460	393.07	0.76	15.475	0.030	15.1/2	16
461	405.26	1.14	15.955	0.045	16	16.1/2

Part No. (BS)	6.99mm ± 0.15mm		0.275" ± 0.006"		Nominal size	
	Internal diameter (d _i)			Nominal size		
	mm	Tol ±	Inch	Tol ±	Shaft	Bore
462	417.96	1.14	16.455	0.045	16.1/2	17
463	430.66	1.14	16.955	0.045	17	17.1/2
464	443.36	1.14	17.455	0.045	17.1/2	18
465	456.06	1.14	17.955	0.045	18	18.1/2
466	468.76	1.14	18.455	0.045	18.1/2	19
467	481.46	1.14	18.955	0.045	19	19.1/2
468	494.16	1.14	19.455	0.045	19.1/2	20
469	506.86	1.14	19.955	0.045	20	20.1/2
470	532.26	1.14	20.995	0.045	21	21.1/2
471	557.66	1.14	21.955	0.045	22	22.1/2
472	582.68	1.52	22.940	0.060	23	23.1/2
473	608.08	1.52	23.940	0.060	24	24.1/2
474	633.48	1.52	24.940	0.060	25	25.1/2
475	658.88	1.52	25.940	0.060	26	26.1/2

O-rings for pipe gaskets						
Part No. (BS)	Internal diameter (d _i)			Cross section		
	mm	Tol ±	Inch	Tube size inch	mm	Tol ±
	901	4.70	0.13	0.185	3/32	1.42
902	6.07	0.13	0.239	1/8	1.63	0.08
903	7.65	0.13	0.301	3/16	1.63	0.08
904	8.92	0.13	0.351	1/4	1.83	0.08
905	10.52	0.13	0.414	5/16	1.83	0.08
906	11.89	0.13	0.468	3/8	1.98	0.08
907	13.46	0.13	0.530	7/16	2.08	0.08
908	16.36	0.23	0.644	1/2	2.20	0.08
909	17.93	0.23	0.706	9/16	2.46	0.08
910	19.18	0.23	0.755	5/8	2.46	0.08
911	21.92	0.23	0.863	11/16	2.95	0.10
912	23.47	0.23	0.924	3/4	2.95	0.10
913	25.04	0.23	0.986	13/16	2.95	0.10
914	26.62	0.23	1.048	7/8	2.95	0.10
916	29.74	0.23	1.171	1	2.95	0.10
918	34.42	0.23	1.355	1.1/8	2.95	0.10
920	37.47	0.23	1.475	1.1/4	3.00	0.10
924	43.69	0.23	1.720	1.1/2	3.00	0.10
928	53.09	0.23	2.090	1.3/4	3.00	0.10
932	59.36	0.23	2.337	2	3.00	0.10