

## CROSS SECTION .070" ± .003"

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
001	.029	.004	.040	.0003	1/32	3/32	1/32
002	.042	.004	.050	.0006	3/64	9/64	3/64
003	.056	.004	.060	.0010	1/16	3/16	1/16
004	.070	.005	.070	.0017	5/16	13/64	1/16
005	.101	.005	.070	.0021	3/32	7/32	1/16
006	.114	.005	.070	.0022	1/8	1/4	1/16
007	.145	.005	.070	.0026	5/32	9/32	1/16
008	.176	.005	.070	.0030	3/16	5/16	1/16
009	.208	.005	.070	.0034	7/32	11/32	1/16
010	.239	.005	.070	.0037	1/4	3/8	1/16
011	.301	.005	.070	.0045	5/16	7/16	1/16
012	.364	.005	.070	.0052	3/8	1/2	1/16
013	.426	.005	.070	.0060	7/16	9/16	1/16
014	.489	.005	.070	.0068	1/2	5/8	1/16
015	.551	.007	.070	.0075	9/16	11/16	1/16
016	.614	.009	.070	.0083	5/8	3/4	1/16
017	.676	.009	.070	.0090	11/16	13/16	1/16

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
018	.739	.009	.070	.0098	3/4	7/8	1/16
019	.801	.009	.070	.0105	13/16	15/16	1/16
020	.864	.009	.070	.0113	7/8	1	1/16
021	.926	.009	.070	.0120	15/16	1-1/16	1/16
022	.989	.010	.070	.0128	1	1-1/8	1/16
023	1.051	.010	.070	.0136	1-1/16	1-3/16	1/16
024	1.114	.010	.070	.0143	1-1/8	1-1/4	1/16
025	1.176	.011	.070	.0151	1-3/16	1-5/16	1/16
026	1.239	.011	.070	.0158	1-1/4	1-3/8	1/16
027	1.301	.011	.070	.0166	1-5/16	1-7/16	1/16
028	1.364	.013	.070	.0173	1-3/8	1-1/2	1/16
029	1.489	.013	.070	.0188	1-1/2	1-5/8	1/16
030	1.614	.013	.070	.0204	1-5/8	1-3/4	1/16
031	1.739	.015	.070	.0219	1-3/4	1-7/8	1/16
032	1.864	.015	.070	.0234	1-7/8	2	1/16
033	1.989	.018	.070	.0249	2	2-1/8	1/16
034	2.114	.018	.070	.0264	2-1/8	2-1/4	1/16

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
035	2.239	.018	.070	.0279	2-1/4	2-3/8	1/16
036	2.364	.018	.070	.0294	2-3/8	2-1/2	1/16
037	2.489	.018	.070	.0309	2-1/2	2-5/8	1/16
038	2.614	.020	.070	.0324	2-5/8	2-3/4	1/16
039	2.739	.020	.070	.0340	2-3/4	2-7/8	1/16
040	2.864	.020	.070	.0355	2-7/8	3	1/16
041	2.989	.024	.070	.0370	3	3-1/8	1/16
042	3.239	.024	.070	.0400	3-1/4	3-3/8	1/16
043	3.489	.024	.070	.0430	3-1/2	3-5/8	1/16
044	3.739	.027	.070	.0460	3-3/4	3-7/8	1/16
045	3.989	.027	.070	.0491	4	4-1/8	1/16
046	4.239	.030	.070	.0521	4-1/4	4-3/8	1/16
047	4.489	.030	.070	.0551	4-1/2	4-5/8	1/16
048	4.739	.030	.070	.0581	4-3/4	4-7/8	1/16
049	4.989	.037	.070	.0612	5	5-1/8	1/16
050	5.239	.037	.070	.0643	5-1/4	5-3/8	1/16

## CROSS SECTION .103" ± .003"

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
102	.049	.005	.103	.0040	1/16	1/4	3/32
103	.081	.005	.103	.0048	3/32	9/32	3/32
104	.112	.005	.103	.0056	1/8	5/16	3/32
105	.143	.005	.103	.0064	5/32	11/32	3/32
106	.174	.005	.103	.0072	3/16	3/8	3/32
107	.206	.005	.103	.0080	7/32	13/32	3/32
108	.237	.005	.103	.0088	1/4	7/16	3/32
109	.299	.005	.103	.0105	5/16	1/2	3/32
110	.362	.005	.103	.0122	3/8	9/16	3/32
111	.424	.005	.103	.0138	7/16	5/8	3/32
112	.487	.005	.103	.0154	1/2	11/16	3/32
113	.549	.007	.103	.0171	9/16	3/4	3/32
114	.612	.009	.103	.0187	5/8	13/16	3/32
115	.674	.009	.103	.0203	11/16	7/8	3/32
116	.737	.009	.103	.0220	3/4	15/16	3/32
117	.799	.010	.103	.0236	3/16	13/16	3/32
118	.862	.010	.103	.0253	7/8	1-1/16	3/32
119	.924	.010	.103	.0269	15/16	1-1/8	3/32
120	.987	.010	.103	.0285	1	1-3/16	3/32
121	1.049	.010	.103	.0302	1-1/16	1-1/4	3/32
122	1.112	.010	.103	.0318	1-1/8	1-5/16	3/32
123	1.174	.012	.103	.0334	1-3/16	1-3/8	3/32
124	1.237	.012	.103	.0351	1-1/4	1-7/16	3/32
125	1.299	.012	.103	.0367	1-5/16	1-1/2	3/32
126	1.362	.012	.103	.0383	1-3/8	1-9/16	3/32
127	1.424	.012	.103	.0400	1-7/16	1-5/8	3/32

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
128	1.487	.012	.103	.0416	1-1/2	1-11/16	3/32
129	1.549	.015	.103	.0432	1-9/16	1-3/4	3/32
130	1.612	.015	.103	.0449	1-5/8	1-13/16	3/32
131	1.674	.015	.103	.0465	1-11/16	1-7/8	3/32
132	1.737	.015	.103	.0482	1-3/4	1-15/16	3/32
133	1.799	.015	.103	.0498	1-13/16	2	3/32
134	1.862	.015	.103	.0514	1-7/8	2-1/16	3/32
135	1.925	.017	.103	.0531	1-15/16	2-1/8	3/32
136	1.987	.017	.103	.0547	2	2-3/16	3/32
137	2.050	.017	.103	.0564	2-1/16	2-1/4	3/32
138	2.112	.017	.103	.0580	2-1/8	2-5/16	3/32
139	2.175	.017	.103	.0596	2-3/16	2-3/8	3/32
140	2.237	.017	.103	.0612	2-1/4	2-7/16	3/32
141	2.300	.020	.103	.0629	2-5/16	2-1/2	3/32
142	2.362	.020	.103	.0645	2-3/8	2-9/16	3/32
143	2.425	.020	.103	.0662	2-7/16	2-5/8	3/32
144	2.487	.020	.103	.0678	2-1/2	2-11/16	3/32
145	2.550	.020	.103	.0694	2-9/16	2-3/4	3/32
146	2.612	.020	.103	.0711	2-5/8	2-13/16	3/32
147	2.675	.022	.103	.0727	2-11/16	2-7/8	3/32
148	2.737	.022	.103	.0743	2-3/4	2-15/16	3/32
149	2.800	.022	.103	.0760	2-13/16	3	3/32
150	2.862	.022	.103	.0776	2-7/8	3-1/16	3/32
151	2.987	.024	.103	.0809	3	3-3/16	3/32
152	3.237	.024	.103	.0874	3-1/4	3-7/16	3/32
153	3.487	.024	.103	.0940	3-1/2	3-11/16	3/32

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
154	3.737	.028	.103	.1005	3-3/4	3-15/16	3/32
155	3.987	.028	.103	.1071	4	4-3/16	3/32
156	4.237	.030	.103	.1136	4-1/4	4-7/16	3/32
157	4.487	.030	.103	.1202	4-1/2	4-11/16	3/32
158	4.737	.030	.103	.1267	4-3/4	4-15/16	3/32
159	4.987	.035	.103	.1332	5	5-3/16	3/32
160	5.237	.035	.103	.1398	5-1/4	5-7/16	3/32
161	5.487	.035	.103	.1463	5-1/2	5-11/16	3/32
162	5.737	.035	.103	.1529	5-3/4	5-15/16	3/32
163	5.987	.035	.103	.1594	6	6-3/16	3/32
164	6.237	.040	.103	.1660	6-1/4	6-7/16	3/32
165	6.487	.040	.103	.1726	6-1/2	6-11/16	3/32
166	6.737	.040	.103	.1791	6-3/4	6-15/16	3/32
167	6.987	.040	.103	.1856	7	7-3/16	3/32
168	7.237	.045	.103	.1921	7-1/4	7-7/16	3/32
169	7.487	.045	.103	.1986	7-1/2	7-11/16	3/32
170	7.737	.045	.103	.2052	7-3/4	7-15/16	3/32
171	7.987	.045	.103	.2117	8	8-3/16	3/32
172	8.237	.050	.103	.2182	8-1/4	8-7/16	3/32
173	8.487	.050	.103	.2247	8-1/2	8-11/16	3/32
174	8.737	.050	.103	.2313	8-3/4	8-15/16	3/32
175	8.987	.050	.103	.2378	9	9-3/16	3/32
176	9.237	.055	.103	.2443	9-1/4	9-7/16	3/32
177	9.487	.055	.103	.2508	9-1/2	9-11/16	3/32
178	9.737	.055	.103	.2574	9-3/4	9-15/16	3/32

## CROSS SECTION .139" ± .004"

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
201	.171	.005	.139	.0148	3/16	7/16	1/8
202	.234	.005	.139	.0178	1/4	1/2	1/8
203	.296	.005	.139	.0207	5/16	9/16	1/8
204	.359	.005	.139	.0237	3/8	5/8	1/8
205	.421	.005	.139	.0267	7/16	11/16	1/8
206	.484	.005	.139	.0297	1/2	3/4	1/8
207	.546	.007	.139	.0327	9/16	13/16	1/8
208	.609	.009	.139	.0357	5/8	7/8	1/8
209	.671	.009	.139	.0386	11/16	15/16	1/8
210	.734	.010	.139	.0416	3/4	1	1/8
211	.796	.010	.139	.0446	13/16	1-1/16	1/8
212	.859	.010	.139	.0476	7/8	1-1/8	1/8
213	.921	.010	.139	.0505	15/16	1-3/16	1/8
214	.984	.010	.139	.0535	1	1-1/4	1/8
215	1.046	.010	.139	.0565	1-1/16	1-5/16	1/8
216	1.109	.012	.139	.0595	1-1/8	1-3/8	1/8
217	1.171	.012	.139	.0624	1-3/16	1-7/16	1/8
218	1.234	.012	.139	.0656	1-1/4	1-1/2	1/8
219	1.296	.012	.139	.0684	1-5/16	1-9/16	1/8
220	1.359	.012	.139	.0714	1-3/8	1-5/8	1/8
221	1.421	.012	.139	.0744	1-7/16	1-11/16	1/8
222	1.484	.015	.139	.0774	1-1/2	1-3/4	1/8
223	1.609	.015	.139	.0833	1-5/8	1-7/8	1/8
224	1.734	.015	.139	.0893	1-3/4	2	1/8
225	1.859	.018	.139	.0952	1-7/8	2-1/8	1/8
226	1.984	.018	.139	.1012	2	2-1/4	1/8
227	2.109	.018	.139	.1072	2-1/8	2-3/8	1/8
228	2.234	.020	.139	.1131	2-1/4	2-1/2	1/8

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
229	2.359	.020	.139	.1191	2-3/8	2-5/8	1/8
230	2.484	.020	.139	.1250	2-1/2	2-3/4	1/8
231	2.609	.020	.139	.1310	2-5/8	2-7/8	1/8
232	2.734	.024	.139	.1370	2-3/4	3	1/8
233	2.859	.024	.139	.1429	2-7/8	3-1/8	1/8
234	2.984	.024	.139	.1489	3	3-1/4	1/8
235	3.109	.024	.139	.1548	3-1/8	3-3/8	1/8
236	3.234	.024	.139	.1608	3-1/4	3-1/2	1/8
237	3.359	.024	.139	.1668	3-3/8	3-5/8	1/8
238	3.484	.024	.139	.1727	3-1/2	3-3/4	1/8
239	3.609	.028	.139	.1787	3-5/8	3-7/8	1/8
240	3.734	.028	.139	.1846	3-3/4	4	1/8
241	3.859	.028	.139	.1906	3-7/8	4-1/8	1/8
242	3.984	.028	.139	.1966	4	4-1/4	1/8
243	4.109	.028	.139	.2025	4-1/8	4-3/8	1/8
244	4.234	.030	.139	.2085	4-1/4	4-1/2	1/8
245	4.359	.030	.139	.2144	4-3/8	4-5/8	1/8
246	4.484	.030	.139	.2204	4-1/2	4-3/4	1/8
247	4.609	.030	.139	.2264	4-5/8	4-7/8	1/8
248	4.734	.030	.139	.2323	4-3/4	5	1/8
249	4.859	.035	.139	.2383	4-7/8	5-1/8	1/8
250	4.984	.035	.139	.2442	5	5-1/4	1/8
251	5.109	.035	.139	.2502	5-1/8	5-3/8	1/8
252	5.234	.035	.139	.2561	5-1/4	5-1/2	1/8
253	5.359	.035	.139	.2621	5-3/8	5-5/8	1/8
254	5.484	.035	.139	.2681	5-1/2	5-3/4	1/8
255	5.609	.035	.139	.2740	5-5/8	5-7/8	1/8
256	5.734	.035	.139	.2800	5-3/4	6	1/8

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
257	5.859	.035	.139	.2859	5-7/8	6-1/8	1/8
258	5.984	.035	.139	.2919	6	6-1/4	1/8
259	6.234	.040	.139	.3038	6-1/4	6-1/2	1/8
260	6.484	.040	.139	.3157	6-1/2	6-3/4	1/8
261	6.734	.040	.139	.3276	6-3/4	7	1/8
262	6.984	.040	.139	.3396	7	7-1/4	1/8
263	7.234	.045	.139	.3515	7-1/4	7-1/2	1/8
264	7.484	.045	.139	.3634	7-1/2	7-3/4	1/8
265	7.734	.045	.139	.3753	7-3/4	8	1/8
266	7.984	.045	.139	.3872	8	8-1/4	1/8
267	8.234	.050	.139	.3992	8-1/4	8-1/2	1/8
268	8.484	.050	.139	.4111	8-1/2	8-3/4	1/8
269	8.734	.050	.139	.4230	8-3/4	9	1/8
270	8.984	.050	.139	.4349	9	9-1/4	1/8
271	9.234	.055	.139	.4468	9-1/4	9-1/2	1/8
272	9.484	.055	.139	.4588	9-1/2	9-3/4	1/8
273	9.734	.055	.139	.4707	9-3/4	10	1/8
274	9.984	.055	.139	.4826	10	10-1/4	1/8
275	10.484	.055	.139	.5064	10-1/2	10-3/4	1/8
276	10.984	.065	.139	.5303	11	11-1/4	1/8
277	11.484	.065	.139	.5541	11-1/2	11-3/4	1/8
278	11.984	.065	.139	.5779	12	12-1/4	1/8
279	12.984	.065	.139	.6256	13	13-1/4	1/8
280	13.984	.065	.139	.6733	14	14-1/4	1/8
281	14.984	.065	.139	.7210	15	15-1/4	1/8
282	15.955	.075	.139	.7672	16	16-1/4	1/8
283	16.955	.080	.139	.8149	17	17-1/4	1/8
284	17.955	.085	.139	.8627	18	18-1/4	1/8

## CROSS SECTION .210" ± .005"

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
309	.412	.005	.210	.0677	7/16	13/16	3/16
310	.475	.005	.210	.0745	1/2	7/8	3/16
311	.537	.007	.210	.0813	9/16	15/16	3/16
312	.600	.009	.210	.0881	5/8	1	3/16
313	.662	.009	.210	.0949	11/16	1-1/16	3/16
314	.725	.010	.210	.1017	3/4	1-1/8	3/16
315	.787	.010	.210	.1085	13/16	1-3/16	3/16
316	.850	.010	.210	.1153	7/8	1-1/4	3/16
317	.912	.010	.210	.1221	15/16	1-5/16	3/16
318	.975	.010	.210	.1289	1	1-3/8	3/16
319	1.037	.010	.210	.1357	1-1/16	1-7/16	3/16
320	1.100	.012	.210	.1425	1-1/8	1-1/2	3/16
321	1.162	.012	.210	.1493	1-3/16	1-9/16	3/16
322	1.225	.012	.210	.1561	1-1/4	1-5/8	3/16
323	1.287	.012	.210	.1629	1-5/16	1-11/16	3/16
324	1.350	.012	.210	.1697	1-3/8	1-3/4	3/16
325	1.415	.015	.210	.1833	1-1/2	1-7/8	3/16
326	1.600	.015	.210	.1970	1-5/8	2	3/16
327	1.725	.015	.210	.2106	1-3/4	2-1/8	3/16
328	1.850	.015	.210	.2242	1-7/8	2-1/4	3/16
329	1.975	.018	.210	.2378	2	2-3/8	3/16
330	2.100	.018	.210	.2514	2-1/8	2-1/2	3/16
331	2.225	.018	.210	.2650	2-1/4	2-5/8	3/16
332	2.350	.018	.210	.2789	2-3/8	2-3/4	3/16
333	2.475	.020	.210	.2922	2-1/2	2-7/8	3/16
334	2.600	.020	.210	.3058	2-5/8	3	3/16
335	2.725	.020	.210	.3194	2-3/4	3-1/8	3/16
336	2.850	.020	.210	.3330	2-7/8	3-1/4	3/16
337	2.975	.024	.210	.3466	3	3-3/8	3/16

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
338	3.100	.024	.210	.3602	3-1/8	3-1/2	3/16
339	3.225	.024	.210	.3738	3-1/4	3-5/8	3/16
340	3.350	.024	.210	.3874	3-3/8	3-3/4	3/16
341	3.475	.024	.210	.4010	3-1/2	3-7/8	3/16
342	3.600	.028	.210	.4146	3-5/8	4	3/16
343	3.725	.028	.210	.4282	3-3/4	4-1/8	3/16
344	3.850	.028	.210	.4418	3-7/8	4-1/4	3/16
345	3.975	.028	.210	.4554	4	4-3/8	3/16
346	4.100	.028	.210	.4690	4-1/8	4-1/2	3/16
347	4.225	.030	.210	.4826	4-1/4	4-5/8	3/16
348	4.350	.030	.210	.4962	4-3/8	4-3/4	3/16
349	4.475	.030	.210	.5098	4-1/2	4-7/8	3/16
350	4.600	.030	.210	.5234	4-5/8	5	3/16
351	4.725	.030	.210	.5370	4-3/4	5-1/8	3/16
352	4.850	.030	.210	.5506	4-7/8	5-1/4	3/16
353	4.975	.037	.210	.5642	5	5-3/8	3/16
354	5.100	.037	.210	.5778	5-1/8	5-1/2	3/16
355	5.225	.037	.210	.5914	5-1/4	5-5/8	3/16
356	5.350	.037	.210	.6050	5-3/8	5-3/4	3/16
357	5.475	.037	.210	.6186	5-1/2	5-7/8	3/16
358	5.600	.037	.210	.6322	5-5/8	6	3/16
359	5.725	.037	.210	.6458	5-3/4	6-1/8	3/16
360	5.850	.037	.210	.6594	5-7/8	6-1/4	3/16
361	5.975	.037	.210	.6730	6	6-3/8	3/16
362	6.225	.040	.210	.7002	6-1/4	6-5/8	3/16
363	6.475	.040	.210	.7274	6-1/2	6-7/8	3/16
364	6.725	.040	.210	.7546	6-3/4	7-1/8	3/16
365	6.975	.040	.210	.7818	7	7-3/8	3/16
366	7.225	.045	.210	.8090	7-1/4	7-5/8	3/16

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
367	7.475	.045	.210	.8362	7-1/2	7-7/8	3/16
368	7.725	.045	.210	.8634	7-3/4	8-1/8	3/16
369	7.975	.045	.210	.8906	8	8-3/8	3/16
370	8.225	.050	.210	.9178	8-1/4	8-5/8	3/16
371	8.475	.050	.210	.9450	8-1/2	8-7/8	3/16
372	8.725	.050	.210	.9722	8-3/4	9-1/8	3/16
373	8.975	.050	.210	.9994	9	9-3/8	3/16
374	9.225	.055	.210	1.0266	9-1/4	9-5/8	3/16
375	9.475	.055	.2				

## CROSS SECTION .275" ± .006"

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
425	4.475	.033	.275	.8863	4-1/2	5	1/4
426	4.600	.033	.275	.9097	4-5/8	5-1/8	1/4
427	4.725	.033	.275	.9330	4-3/4	5-1/4	1/4
428	4.850	.033	.275	.9563	4-7/8	5-3/8	1/4
429	4.975	.037	.275	.9796	5	5-1/2	1/4
430	5.100	.037	.275	1.0030	5-1/8	5-5/8	1/4
431	5.225	.037	.275	1.0263	5-1/4	5-3/4	1/4
432	5.350	.037	.275	1.0496	5-3/8	5-7/8	1/4
433	5.475	.037	.275	1.0729	5-1/2	6	1/4
434	5.600	.037	.275	1.0962	5-5/8	6-1/8	1/4
435	5.725	.037	.275	1.1196	5-3/4	6-1/4	1/4
436	5.850	.037	.275	1.1429	5-7/8	6-3/8	1/4
437	5.975	.037	.275	1.1662	6	6-1/2	1/4
438	6.225	.040	.275	1.2129	6-1/4	6-3/4	1/4
439	6.475	.040	.275	1.2595	6-1/2	7	1/4
440	6.725	.040	.275	1.3062	6-3/4	7-1/4	1/4
441	6.975	.040	.275	1.3528	7	7-1/2	1/4

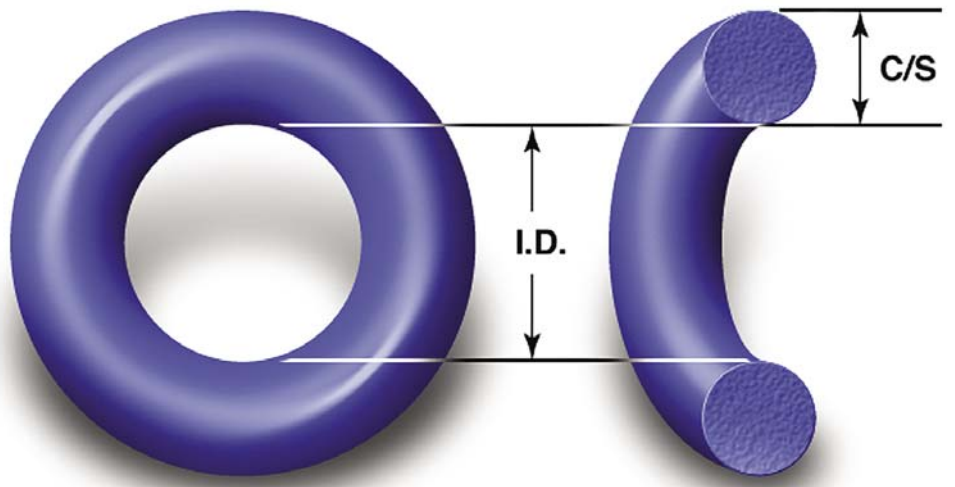
AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
442	7.225	.045	.275	1.3995	7-1/4	7-3/4	1/4
443	7.475	.045	.275	1.4461	7-1/2	8	1/4
444	7.725	.045	.275	1.4928	7-3/4	8-1/4	1/4
445	7.975	.045	.275	1.5394	8	8-1/2	1/4
446	8.475	.035	.275	1.6327	8-1/2	9	1/4
447	8.975	.055	.275	1.7260	9	9-1/2	1/4
448	9.475	.055	.275	1.8193	9-1/2	10	1/4
449	9.975	.055	.275	1.9126	10	10-1/2	1/4
450	10.475	.060	.275	2.0059	10-1/2	11	1/4
451	10.975	.060	.275	2.0992	11	11-1/2	1/4
452	11.475	.060	.275	2.1925	11-1/2	12	1/4
453	11.975	.060	.275	2.2858	12	12-1/2	1/4
454	12.475	.060	.275	2.3791	12-1/2	13	1/4
455	12.975	.060	.275	2.4724	13	13-1/2	1/4
456	13.475	.070	.275	2.5657	13-1/2	14	1/4
457	13.975	.070	.275	2.6590	14	14-1/2	1/4
458	14.475	.070	.275	2.7523	14-1/2	15	1/4

AS568A	Dimensions in Inches			Nominal Size (reference only)			
	I.D.	±	C/S	Vol. in Cu. Inches	I.D.	O.D.	C/S
459	14.975	.070	.275	2.8456	15	15-1/2	1/4
460	15.475	.070	.275	2.9389	15-1/2	16	1/4
461	15.955	.075	.275	3.0285	16	16-1/2	1/4
462	16.455	.075	.275	3.1218	16-1/2	17	1/4
463	16.955	.080	.275	3.2151	17	17-1/2	1/4
464	17.455	.085	.275	3.3084	17-1/2	18	1/4
465	17.955	.085	.275	3.4017	18	18-1/2	1/4
466	18.455	.085	.275	3.4950	18-1/2	19	1/4
467	18.955	.090	.275	3.5883	19	19-1/2	1/4
468	19.455	.090	.275	3.6816	19-1/2	20	1/4
469	19.955	.095	.275	3.7749	20	20-1/2	1/4
470	20.955	.095	.275	3.9615	21	21-1/2	1/4
471	21.955	.100	.275	4.1481	22	22-1/2	1/4
472	22.940	.105	.275	4.3319	23	23-1/2	1/4
473	23.940	.110	.275	4.5185	24	24-1/2	1/4
474	24.940	.115	.275	4.7051	25	25-1/2	1/4
475	25.940	.120	.275	4.8917	26	26-1/2	1/4

## O-RINGS FOR TUBE FITTING BOSSES

AS568A	Tube Size		Ring Vol. in Cu. In.	Dimensions in Inches				Dimensions in Millimeters			
	Dash No.	O.D.		I.D.	±	C/S	±	I.D.	±	C/S	±
901		3/32	.0019	.185	.005	.056	.003	4.70	0.13	1.42	0.08
902	2	1/8	.0031	.239	.005	.064	.003	6.07	0.13	1.63	0.08
903	3	3/16	.0037	.301	.005	.064	.003	7.65	0.13	1.63	0.08
904	4	1/4	.0054	.351	.005	.072	.003	8.90	0.13	1.83	0.08
905	5	5/16	.0062	.414	.005	.072	.003	10.51	0.13	1.83	0.08
906	6	3/8	.0082	.468	.005	.078	.003	11.90	0.13	1.98	0.08
907		7/16	.0102	.530	.007	.082	.003	13.46	0.18	2.08	0.08
908	8	1/2	.0137	.644	.009	.087	.003	16.36	0.23	2.20	0.08
909		9/16	.0186	.706	.009	.097	.003	17.93	0.23	2.46	0.08
910	10	5/8	.0198	.755	.009	.097	.003	19.18	0.23	2.46	0.08
911		11/16	.0326	.863	.009	.116	.004	21.92	0.23	2.95	0.10
912	12	3/4	.0345	.924	.009	.116	.004	23.47	0.23	2.95	0.10
913		13/16	.0366	.986	.010	.116	.004	25.04	0.25	2.95	0.10
914		7/8	.0386	1.047	.010	.116	.004	26.62	0.25	2.95	0.10
916	16	1	.0427	1.171	.010	.116	.004	29.74	0.25	2.95	0.10
918		1-1/8	.0489	1.355	.012	.116	.004	34.42	0.30	2.95	0.10
920	20	1-1/4	.0547	1.475	.014	.118	.004	37.46	0.36	3.00	0.10
924	24	1-1/2	.0631	1.720	.014	.118	.004	43.70	0.36	3.00	0.10
928	28	1-3/4	.0759	2.090	.018	.118	.004	53.10	0.46	3.00	0.10
932	32	2	.0843	2.337	.018	.118	.004	59.36	0.46	3.00	0.10

The 900 series boss seals are designed to seal straight thread tube fittings when they are fastened into a boss. In this type of fitting the O-Ring is not located in a conventional rectangular groove. Rather, the seal is obtained when the gland components exert a diagonal squeeze through the O-Ring cross section.



## **IN SOME CIRCLES, WE'RE KNOWN AS THE RING LEADER.**

An O-Ring is simply a circular sealing ring with a round cross section, usually made from an elastomeric material. The O-Ring's simple design lends itself to a multitude of sealing uses, including static and reciprocal dynamic applications, and at low speed and low pressure, rotary and oscillating applications.

The O-Ring sizes listed in the chart are those of AS 568A, "Aerospace Size Standard for O-Rings," which is generally considered to be the U.S. size standard. However, many other sizes, both metric and non-standard are also available. The O-Rings in this chart are grouped by cross section (C/S) and by ascending inside diameter (I.D.). Tolerances are per industry standards.