

DUPONT™ KALREZ® PERFLUOROELASTOMER PARTS

O-RINGS AS-568

The dimensions and tolerances of Kalrez® O-rings are listed and conform to AS-568. DuPont and its local authorized distributors of Kalrez® parts maintain inventories of many standard AS-568 O-rings. Actual lead times will be established at the time of the order placement. We work closely with customers to understand and meet their needs.

The dimensions and tolerances of ring diameters and cross section diameters (CSD) of Kalrez® O-rings are as listed. O-rings made from compounds other than 4079, 1050, 1018, and 3018 may not conform to the dimensions shown due to differing shrinkage rates.

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
001	.029	.040	1/32	1/32	0.74	1.02
002	.042	.050	3/64	3/64	1.07	1.27
003	.056	.060	1/16	1/16	1.42	1.52
004	.070	.070	5/64	1/16	1.78	1.78
005	.101	.070	3/32	1/16	2.57	1.78
006	.114	.070	1/8	1/16	2.90	1.78
007	.145	.070	5/32	1/16	3.68	1.78
008	.176	.070	3/16	1/16	4.47	1.78
009	.208	.070	7/32	1/16	5.28	1.78
010	.239	.070	1/4	1/16	6.07	1.78
011	.301	.070	5/16	1/16	7.65	1.78
012	.364	.070	3/8	1/16	9.25	1.78
013	.426	.070	7/16	1/16	10.82	1.78
014	.489	.070	1/2	1/16	12.42	1.78
015	.551	.070	9/16	1/16	14.00	1.78
016	.614	.070	5/8	1/16	15.60	1.78
017	.676	.070	11/16	1/16	17.17	1.78
018	.739	.070	3/4	1/16	18.77	1.78
019	.801	.070	13/16	1/16	20.35	1.78
020	.864	.070	7/8	1/16	21.95	1.78
021	.926	.070	15/16	1/16	23.52	1.78
022	.989	.070	1	1/16	25.12	1.78
023	1.051	.070	1-1/16	1/16	26.70	1.78
024	1.114	.070	1-1/8	1/16	28.30	1.78
025	1.176	.070	1-3/16	1/16	29.87	1.78
026	1.239	.070	1-1/4	1/16	31.47	1.78
027	1.301	.070	1-5/16	1/16	33.05	1.78

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
028	1.364	.070	1-3/8	1/16	34.65	1.78
029	1.489	.070	1-1/2	1/16	37.82	1.78
030	1.614	.070	1-5/8	1/16	41.00	1.78
031	1.739	.070	1-3/4	1/16	44.17	1.78
032	1.864	.070	1-7/8	1/16	47.35	1.78
033	1.989	.070	2	1/16	50.52	1.78
034	2.114	.070	2-1/8	1/16	53.70	1.78
035	2.239	.070	2-1/4	1/16	56.87	1.78
036	2.364	.070	2-3/8	1/16	60.05	1.78
037	2.489	.070	2-1/2	1/16	63.22	1.78
038	2.614	.070	2-5/8	1/16	66.40	1.78
039	2.739	.070	2-3/4	1/16	69.57	1.78
040	2.864	.070	2-7/8	1/16	72.75	1.78
041	2.989	.070	3	1/16	75.92	1.78
042	3.239	.070	3-1/4	1/16	82.27	1.78
043	3.489	.070	3-1/2	1/16	88.62	1.78
044	3.739	.070	3-3/4	1/16	94.97	1.78
045	3.989	.070	4	1/16	101.32	1.78
046	4.239	.070	4-1/4	1/16	107.67	1.78
047	4.489	.070	4-1/2	1/16	114.02	1.78
048	4.739	.070	4-3/4	1/16	120.37	1.78
049	4.989	.070	5	1/16	126.72	1.78
050	5.239	.070	5-1/4	1/16	133.07	1.78
102	.049	.103	1/16	3/32	1.24	2.62
103	.081	.103	3/32	3/32	2.06	2.62
104	.112	.103	1/8	3/32	2.84	2.62
105	.143	.103	5/32	3/32	3.63	2.62
106	.174	.103	3/16	3/32	4.42	2.62
107	.206	.103	7/32	3/32	5.23	2.62
108	.237	.103	1/4	3/32	6.02	2.62
109	.299	.103	5/16	3/32	7.59	2.62
110	.362	.103	3/8	3/32	9.19	2.62
111	.424	.103	7/16	3/32	10.77	2.62
112	.487	.103	1/2	3/32	12.37	2.62
113	.549	.103	9/16	3/32	13.94	2.62
114	.612	.103	5/8	3/32	15.54	2.62
115	.674	.103	11/16	3/32	17.12	2.62
116	.737	.103	3/4	3/32	18.72	2.62
117	.799	.103	13/16	3/32	20.30	2.62
118	.862	.103	7/8	3/32	21.89	2.62
119	.924	.103	15/16	3/32	23.47	2.62
120	.987	.103	1	3/32	25.07	2.62
121	1.049	.103	1-1/16	3/32	26.64	2.62
122	1.112	.103	1-1/8	3/32	28.24	2.62
123	1.174	.103	1-3/16	3/32	29.82	2.62
124	1.237	.103	1-1/4	3/32	31.42	2.62
125	1.299	.103	1-5/16	3/32	32.99	2.62

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
126	1.362	.103	1-3/8	3/32	34.59	2.62
127	1.424	.103	1-7/16	3/32	36.17	2.62
128	1.487	.103	1-1/2	3/32	37.77	2.62
129	1.549	.103	1-9/16	3/32	39.34	2.62
130	1.612	.103	1-5/8	3/32	40.94	2.62
131	1.674	.103	1-11/16	3/32	42.52	2.62
132	1.737	.103	1-3/4	3/32	44.12	2.62
133	1.799	.103	1-13/16	3/32	45.69	2.62
134	1.862	.103	1-7/8	3/32	47.29	2.62
135	1.925	.103	1-15/16	3/32	48.90	2.62
136	1.987	.103	2	3/32	50.47	2.62
137	2.050	.103	2-1/16	3/32	52.07	2.62
138	2.112	.103	2-1/8	3/32	53.64	2.62
139	2.175	.103	2-3/16	3/32	55.25	2.62
140	2.237	.103	2-1/4	3/32	56.82	2.62
141	2.300	.103	2-5/16	3/32	58.42	2.62
142	2.362	.103	2-3/8	3/32	59.99	2.62
143	2.425	.103	2-7/16	3/32	61.60	2.62
144	2.487	.103	2-1/2	3/32	63.17	2.62
145	2.550	.103	2-9/16	3/32	64.77	2.62
146	2.612	.103	2-5/8	3/32	66.34	2.62
147	2.675	.103	2-11/16	3/32	67.95	2.62
148	2.737	.103	2-3/4	3/32	69.52	2.62
149	2.800	.103	2-13/16	3/32	71.12	2.62
150	2.862	.103	2-7/8	3/32	72.69	2.62
151	2.987	.103	3	3/32	75.87	2.62
152	3.237	.103	3-1/4	3/32	82.22	2.62
153	3.487	.103	3-1/2	3/32	88.57	2.62
154	3.737	.103	3-3/4	3/32	94.92	2.62
155	3.987	.103	4	3/32	101.27	2.62
156	4.237	.103	4-1/4	3/32	107.62	2.62
157	4.487	.103	4-1/2	3/32	113.97	2.62
158	4.737	.103	4-3/4	3/32	120.32	2.62
159	4.987	.103	5	3/32	126.67	2.62
160	5.237	.103	5-1/4	3/32	133.02	2.62
161	5.487	.103	5-1/2	3/32	139.37	2.62
162	5.737	.103	5-3/4	3/32	145.72	2.62
163	5.987	.103	6	3/32	152.07	2.62
164	6.237	.103	6-1/4	3/32	158.42	2.62
165	6.487	.103	6-1/2	3/32	164.77	2.62
166	6.737	.103	6-3/4	3/32	171.12	2.62
167	6.987	.103	7	3/32	177.47	2.62
168	7.237	.103	7-1/4	3/32	183.82	2.62
169	7.487	.103	7-1/2	3/32	190.17	2.62
170	7.737	.103	7-3/4	3/32	196.52	2.62
171	7.987	.103	8	3/32	202.87	2.62
172	8.237	.103	8-1/4	3/32	209.22	2.62

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
173	8.487	.103	8-1/2	3/32	215.57	2.62
174	8.737	.103	8-3/4	3/32	221.92	2.62
175	8.987	.103	9	3/32	228.27	2.62
176	9.487	.103	9-1/4	3/32	234.62	2.62
177	9.487	.103	9-1/2	3/32	240.97	2.62
178	9.737	.103	9-3/4	3/32	247.32	2.62
179	9.987	.103	10	3/32	253.67	2.62
201	.171	.139	3/16	1/8	4.34	3.53
202	.234	.139	1/4	1/8	5.94	3.53
203	.296	.139	5/16	1/8	7.52	3.53
204	.359	.139	3/8	1/8	9.12	3.53
205	.421	.139	7/16	1/8	10.69	3.53
206	.484	.139	1/2	1/8	12.29	3.53
207	.546	.139	9/16	1/8	13.87	3.53
208	.6091	.139	5/8	1/8	15.47	3.53
209	.671	.139	11/16	1/8	17.04	3.53
210	.734	.139	3/4	1/8	18.64	3.53
211	.796	.139	13/16	1/8	20.22	3.53
212	.859	.139	7/8	1/8	21.82	3.53
213	.921	.139	15/16	1/8	23.39	3.53
214	.984	.139	1	1/8	24.99	3.53
215	1.046	.139	1-1/16	1/8	26.57	3.53
216	1.109	.139	1-1/8	1/8	28.17	3.53
217	1.171	.139	1-3/16	1/8	29.74	3.53
218	1.234	.139	1-1/4	1/8	31.34	3.53
219	1.296	.139	1-5/16	1/8	32.92	3.53
220	1.359	.139	3/16	1-3/8	34.52	3.53
221	1.421	.139	1-7/16	1/8	36.09	3.53
222	1.484	.139	1-1/2	1/8	37.69	3.53
223	1.609	.139	1-5/8	1/8	40.87	3.53
224	1.734	.139	1-3/4	1/8	44.04	3.53
225	1.859	.139	1-7/8	1/8	47.22	3.53
226	1.984	.139	2	1/8	50.39	3.53
227	2.109	.139	2-1/8	1/8	53.57	3.53
228	2.234	.139	2-1/4	1/8	56.74	3.53
229	2.359	.139	2-3/8	1/8	59.92	3.53
230	2.484	.139	2-1/2	1/8	63.09	3.53
231	2.609	.139	2-5/8	1/8	66.27	3.53
232	2.734	.139	2-3/4	1/8	69.44	3.53
233	2.859	.139	2-7/8	1/8	72.62	3.53
234	2.984	.139	3	1/8	75.79	3.53
235	3.109	.139	3-1/8	1/8	78.97	3.53
236	3.234	.139	3-1/4	1/8	82.14	3.53
237	3.359	.139	3-3/8	1/8	85.32	3.53
238	3.484	.139	3-1/2	1/8	88.49	3.53
239	3.609	.139	3-5/8	1/8	91.67	3.53
240	3.734	.139	3-3/4	1/8	94.84	3.53

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
241	3.859	.139	3-7/8	1/8	98.02	3.53
242	3.984	.139	4	1/8	101.19	3.53
243	4.109	.139	4-1/8	1/8	104.37	3.53
244	4.234	.139	4-1/4	1/8	107.54	3.53
245	4.359	.139	4-3/8	1/8	110.72	3.53
246	4.484	.139	4-1/2	1/8	113.89	3.53
247	4.609	.139	4-5/8	1/8	117.07	3.53
248	4.734	.139	4-3/4	1/8	120.24	3.53
249	4.859	.139	4-7/8	1/8	123.42	3.53
250	4.984	.139	5	1/8	126.59	3.53
251	5.109	.139	5-1/8	1/8	129.77	3.53
252	5.234	.139	5-1/4	1/8	132.94	3.53
253	5.359	.139	5-3/8	1/8	136.12	3.53
254	5.484	.139	5-1/2	1/8	139.29	3.53
255	5.609	.139	5-3/8	1/8	142.47	3.53
256	5.734	.139	5-3/4	1/8	145.64	3.53
257	5.859	.139	5-7/8	1/8	148.82	3.53
258	5.984	.139	6	1/8	151.99	3.53
259	6.234	.139	6-1/4	1/8	158.34	3.53
260	6.484	.139	6-1/2	1/8	164.69	3.53
261	6.734	.139	6-3/4	1/8	171.04	3.53
262	6.984	.139	7	1/8	177.39	3.53
263	7.234	.139	7-1/4	1/8	183.74	3.53
264	7.484	.139	7-1/2	1/8	190.09	3.53
265	7.734	.139	7-3/4	1/8	196.44	3.53
266	7.984	.139	8	1/8	202.79	3.53
267	8.234	.139	8-1/4	1/8	209.14	3.53
268	8.484	.139	8-1/2	1/8	215.49	3.53
269	8.734	.139	8-3/4	1/8	221.84	3.53
270	8.984	.139	9	1/8	228.19	3.53
271	9.234	.139	9-1/4	1/8	234.54	3.53
272	9.484	.139	9-1/2	1/8	240.89	3.53
273	9.734	.139	9-3/4	1/8	247.24	3.53
274	9.984	.139	10	1/8	253.59	3.53
275	10.484	.139	10-1/2	1/8	266.29	3.53
276	10.984	.139	11	1/8	278.99	3.53
277	11.484	.139	11-1/2	1/8	291.69	3.53
278	11.984	.139	12	1/8	304.39	3.53
279	12.984	.139	13	1/8	329.79	3.53
280	13.984	.139	14	1/8	355.19	3.53
281	14.984	.139	15	1/8	380.59	3.53
282	15.955	.139	16	1/8	405.26	3.53
283	16.955	.139	17	1/8	430.66	3.53
284	17.955	.139	18	1/8	456.06	3.53
309	.412	.210	7/16	3/16	10.46	5.33
310	.475	.210	1/2	3/16	12.07	5.33
311	.537	.210	9/16	3/16	13.64	5.33

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
312	.600	.210	5/8	3/16	15.24	5.33
313	.662	.210	11/16	3/16	16.81	5.33
314	.725	.210	3/4	3/16	18.42	5.33
315	.787	.210	13/16	3/16	19.99	5.33
316	.850	.210	7/8	3/16	21.59	5.33
317	.912	.210	15/16	3/16	23.16	5.33
318	.975	.210	1	3/16	24.77	5.33
319	1.037	.210	1-1/16	3/16	26.34	5.33
320	1.100	.210	1-1/8	3/16	27.94	5.33
321	1.162	.210	1-3/16	3/16	29.51	5.33
322	1.225	.210	1-1/4	3/16	31.12	5.33
323	1.287	.210	1-5/16	3/16	32.69	5.33
324	1.350	.210	1-3/8	3/16	34.29	5.33
325	1.475	.210	1-1/2	3/16	37.47	5.33
326	1.600	.210	1-5/8	3/16	40.64	5.33
327	1.725	.210	1-3/4	3/16	43.82	5.33
328	1.850	.210	1-7/8	3/16	46.99	5.33
329	1.975	.210	2	3/16	50.17	5.33
330	2.100	.210	2-1/8	3/16	53.34	5.33
331	2.225	.210	2-1/4	3/16	56.52	5.33
332	2.350	.210	2-3/8	3/16	59.69	5.33
333	2.475	.210	2-1/2	3/16	62.87	5.33
334	2.600	.210	2-5/8	3/16	66.04	5.33
335	2.725	.210	2-3/4	3/16	69.22	5.33
336	2.850	.210	2-7/8	3/16	72.39	5.33
337	2.975	.210	3	3/16	75.57	5.33
338	3.100	.210	3-1/8	3/16	78.74	5.33
339	3.225	.210	3-1/4	3/16	81.92	5.33
340	3.350	.210	3-3/8	3/16	85.09	5.33
341	3.475	.210	3-1/2	3/16	88.27	5.33
342	3.600	.210	3-5/8	3/16	91.44	5.33
343	3.725	.210	3-3/4	3/16	94.62	5.33
344	3.850	.210	3-7/8	3/16	97.79	5.33
345	3.975	.210	4	3/16	100.97	5.33
346	4.100	.210	4-1/8	3/16	104.14	5.33
347	4.225	.210	4-1/4	3/16	107.32	5.33
348	4.350	.210	4-3/8	3/16	110.49	5.33
349	4.475	.210	4-1/2	3/16	113.67	5.33
350	4.600	.210	4-5/8	3/16	116.84	5.33
351	4.725	.210	4-3/4	3/16	120.02	5.33
352	4.850	.210	4-7/8	3/16	123.19	5.33
353	4.975	.210	5	3/16	126.37	5.33
354	5.100	.210	5-1/8	3/16	129.54	5.33
355	5.225	.210	5-1/4	3/16	132.72	5.33
356	5.350	.210	5-3/8	3/16	135.89	5.33
357	5.475	.210	5-1/2	3/16	139.07	5.33
358	5.600	.210	5-5/8	3/16	142.24	5.33

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
359	5.725	.210	5-3/4	3/16	145.42	5.33
360	5.850	.210	5-7/8	3/16	148.59	5.33
361	5.975	.210	6	3/16	151.77	5.33
362	6.225	.210	6-1/4	3/16	158.12	5.33
363	6.475	.210	6-1/2	3/16	164.47	5.33
364	6.725	.210	6-3/4	3/16	170.82	5.33
365	6.975	.210	7	3/16	177.17	5.33
366	7.225	.210	7-1/4	3/16	183.52	5.33
367	7.475	.210	7-1/2	3/16	189.87	5.33
368	7.725	.210	7-3/4	3/16	196.22	5.33
369	7.975	.210	8	3/16	202.57	5.33
370	8.225	.210	8-1/4	3/16	208.92	5.33
371	8.475	.210	8-1/2	3/16	215.27	5.33
372	8.725	.210	8-3/4	3/16	221.62	5.33
373	8.975	.210	9	3/16	227.97	5.33
374	9.225	.210	9-1/4	3/16	234.32	5.33
375	9.475	.210	9-1/2	3/16	240.67	5.33
376	9.725	.210	9-3/4	3/16	247.02	5.33
377	9.975	.210	10	3/16	253.37	5.33
378	10.475	.210	10-1/2	3/16	266.07	5.33
379	10.975	.210	11	3/16	278.77	5.33
380	11.475	.210	11-1/2	3/16	291.47	5.33
381	11.975	.210	12	3/16	304.17	5.33
382	12.975	.210	13	3/16	329.57	5.33
383	13.975	.210	14	3/16	354.97	5.33
384	14.975	.210	15	3/16	380.37	5.33
385	15.9555	.210	16	3/16	405.26	5.33
386	16.955	.210	17	3/16	430.66	5.33
387	17.955	.210	18	3/16	456.06	5.33
388	18.955	.210	19	3/16	481.41	5.33
389	19.955	.210	20	3/16	506.81	5.33
390	20.955	.210	21	3/16	532.21	5.33
391	21.955	.210	22	3/16	557.61	5.33
392	22.940	.210	23	3/16	582.68	5.33
393	23.9405	.210	24	3/16	608.08	5.33
394	24.940	.210	25	3/16	633.48	5.33
395	25.940	.210	26	3/16	658.88	5.33
425	4.475	.275	4-1/2	1/4	113.67	6.99
426	4.600	.275	4-5/8	1/4	116.84	6.99
427	4.725	.275	4-3/4	1/4	120.02	6.99
428	4.850	.275	4-7/8	1/4	123.19	6.99
429	4.975	.275	5	1/4	126.37	6.99
430	5.100	.275	5-1/8	1/4	129.54	6.99
431	5.225	.275	5-1/4	1/4	132.72	6.99
432	5.350	.275	5-3/8	1/4	135.89	6.99
433	5.475	.275	5-1/2	1/4	139.07	6.99
434	5.725	.275	5-5/8	1/4	142.24	6.99

AS-568	DIMENSIONS		NOMINAL SIZE (INCHES) (REF. ONLY)		METRIC SIZE (MM)	
	ID	CSD	ID	CSD	ID	CSD
435	5.725	.275	5-3/4	1/4	145.42	6.99
436	5.850	.275	5-7/8	1/4	148.59	6.99
437	5.975	.275	6	1/4	151.77	6.99
438	6.225	.275	6-1/4	1/4	158.12	6.99
439	6.475	.275	6-1/2	1/4	164.47	6.99
440	6.725	.275	6-3/4	1/4	170.82	6.99
441	6.975	.275	7	1/4	177.17	6.99
442	7.225	.275	7-1/4	1/4	183.52	6.99
443	7.475	.275	7-1/2	1/4	189.87	6.99
444	7.725	.275	7-3/4	1/4	196.22	6.99
445	7.975 ⁰	.275	8	1/4	202.57	6.99
446	8.475	.275	8-1/2	1/4	215.27	6.99
447	8.975	.275	9	1/4	227.97	6.99
448	9.475	.275	9-1/2	1/4	240.67	6.99
449	9.975 ⁰	.275	10	1/4	253.37	6.99
450	10.475	.275	10-1/2	1/4	266.07	6.99
451	10.975	.275	11	1/4	278.77	6.99
452	11.475	.275	11-1/2	1/4	291.47	6.99
453	11.975	.275	12	1/4	304.17	6.99
454	12.475	.275	12-1/2	1/4	316.87	6.99
455	12.975	.275	13	1/4	329.57	6.99
456	13.475	.275	13-1/2	1/4	342.27	6.99
457	13.975	.275	14	1/4	354.97	6.99
458	14.475	.275	14-1/2	1/4	367.67	6.99
459	14.975	.275	15	1/4	380.37	6.99
460	15.475	.275	15-1/2	1/4	393.07	6.99
461	15.955	.275	16	1/4	405.26	6.99
462	16.455	.275	16-1/2	1/4	417.96	6.99
463	16.955	.275	17	1/4	430.66	6.99
464	17.455	.275	17-1/2	1/4	443.36	6.99
465	17.955	.275	18	1/4	456.06	6.99
466	18.455	.275	18-1/2	1/4	468.76	6.99
467	18.955	.275	19	1/4	481.46	6.99
468	19.455	.275	19-1/2	1/4	494.16	6.99
469	19.955	.275	20	1/4	506.86	6.99
470	20.955	.275	21	1/4	532.26	6.99
471	21.955	.275	22	1/4	557.66	6.99
472	22.940	.275	23	1/4	582.68	6.99
473	23.940	.275	24	1/4	608.08	6.99
474	24.940	.275	25	1/4	633.48	6.99
475	25.940	.275	26	1/4	658.88	6.99