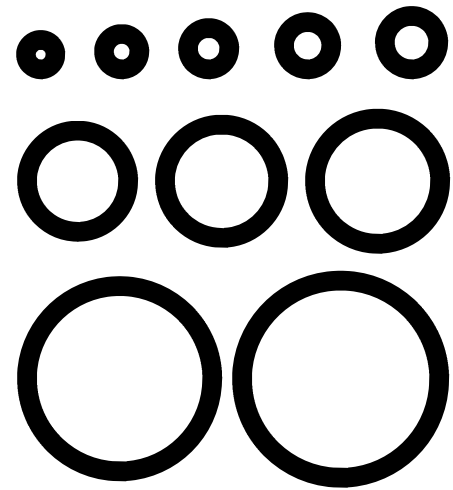




# Standard O-Rings



## Dimensions & Illustrations





## Standard Size O-Rings



After several years absence, Precision Associates is bringing back our popular O-Ring Dimensions & Illustrations catalog. Full-size representations of our Standard Size O-Rings are displayed. This new version has more O-Rings illustrated, including Precision Associates' own extended standards.

We debut our latest innovation with this publication -  $5/32$ " nominal cross section O-Rings. Until now, O-Ring standards have left a gap between the  $1/8$ " and  $3/16$ " nominal cross sections. In designing this new group of O-Rings, we left spacing in the part numbers to allow us to add additional sizes should they be required. Please contact us if you are looking for a size not shown in the  $5/32$ " group.

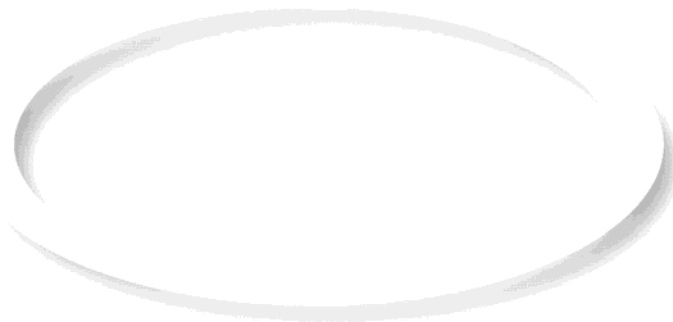
Many of you have told us that you find these pages helpful for determining sizes for ordering product. Another common use is as a receiving department tool for quick verification of product dimensions. Every care has been taken to assure that the O-Ring illustrations on these pages are as accurate as possible.

In most cases the O-Rings are presented from top-to-bottom and left-to right. In cases where O-Rings overlap, the label has been positioned so that it will identify only one size. O-Rings that are too large to illustrate are listed in cross sectional groups at that back of the catalog

Our literature is not only printed by us, but by our customers the world over, with the advent of the internet. To help assure dimensional integrity, regardless of the source, we included a 4" rule on each page so that you may verify that the pages you are using are to scale.

In addition to the illustrations, we have listed the dimensions and tolerances for each size. If the dimensions are per Aerospace Standard 568, we have so noted. Be aware that the both the dimensions and the tolerances are for materials that are expected to shrink 2%. Please contact Precision Associates or refer to our Sizes & Tolerances Technical Bulletin 111 (available at our website) for additional information regarding shrinkage.

Copyright © Precision Associates, Inc. 1972 and 2006.

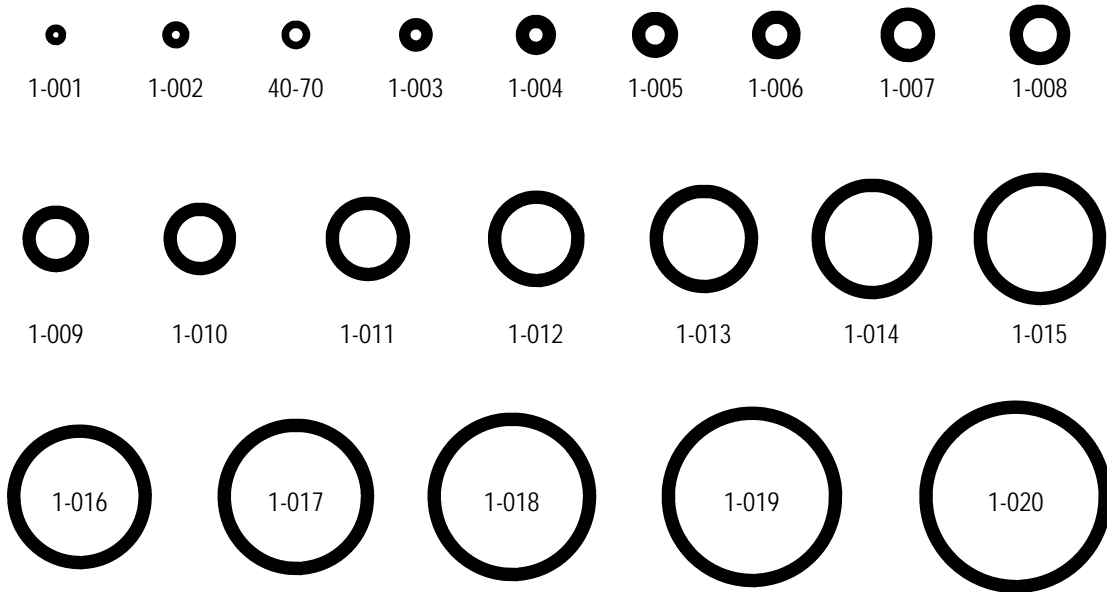




# Standard Size O-Rings

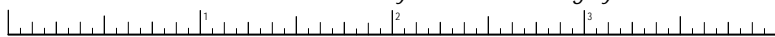


1/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-001	1/32	3/32	1/32	.029 ±.004	.040 ±.003	.109	AS568-001
1-002	3/64	9/64	3/64	.042	.050	.142	AS568-002
40-70	5/64	9/64	1/32	.070	.040	.150	
1-003	1/16	11/64	1/16	.056	.060	.176	AS568-003
1-004	5/64	13/64	1/16	.070	.070	.210	AS568-004
1-005	7/64	15/64	1/16	.101	.070	.241	AS568-005
1-006	1/8	1/4	1/16	.114 ±.005	.070	.254	AS568-006
1-007	5/32	9/32	1/16	.145	.070	.285	AS568-007
1-008	3/16	5/16	1/16	.176	.070	.316	AS568-008
1-009	7/32	11/32	1/16	.208	.070	.348	AS568-009
1-010	1/4	3/8	1/16	.239	.070	.379	AS568-010
1-011	5/16	7/16	1/16	.301	.070	.441	AS568-011
1-012	3/8	1/2	1/16	.364	.070	.504	AS568-012
1-013	7/16	9/16	1/16	.426	.070	.566	AS568-013
1-014	1/2	5/8	1/16	.489	.070	.629	AS568-014
1-015	9/16	11/16	1/16	.551 ±.007	.070	.691	AS568-015
1-016	5/8	3/4	1/16	.614 ±.009	.070	.754	AS568-016
1-017	11/16	13/16	1/16	.676	.070	.816	AS568-017
1-018	3/4	7/8	1/16	.739	.070	.879	AS568-018
1-019	13/16	15/16	1/16	.801	.070	.941	AS568-019
1-020	7/8	1	1/16	.864	.070	1.004	AS568-020

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

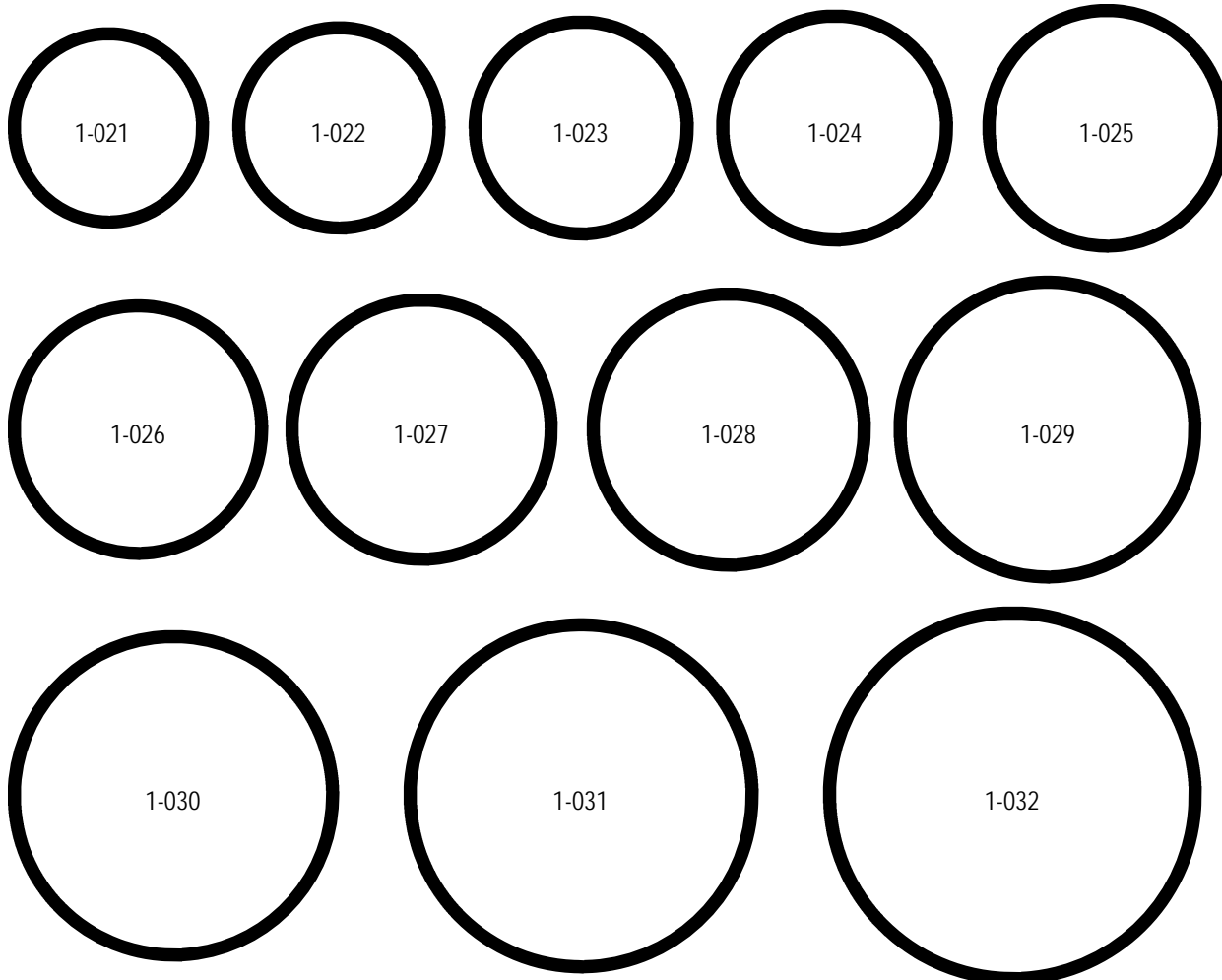


Standard Size

O-Rings

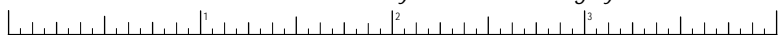


1/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-021	15/16	1 1/16	1/16	.926 ±.009	.070 ±.003	1.066	AS568-021
1-022	1	1 1/8	1/16	.989 ±.010	.070	1.129	AS568-022
1-023	1 1/16	1 3/16	1/16	1.051	.070	1.191	AS568-023
1-024	1 1/8	1 1/4	1/16	1.114	.070	1.254	AS568-024
1-025	1 3/16	1 5/16	1/16	1.176 ±.011	.070	1.316	AS568-025
1-026	1 1/4	1 3/8	1/16	1.239	.070	1.379	AS568-026
1-027	1 5/16	1 7/16	1/16	1.301	.070	1.441	AS568-027
1-028	1 3/8	1 1/2	1/16	1.364 ±.013	.070	1.504	AS568-028
1-029	1 1/2	1 5/8	1/16	1.489	.070	1.629	AS568-029
1-030	1 5/8	1 3/4	1/16	1.614	.070	1.754	AS568-030
1-031	1 3/4	1 7/8	1/16	1.739 ±.015	.070	1.879	AS568-031
1-032	1 7/8	2	1/16	1.864	.070	2.004	AS568-032

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

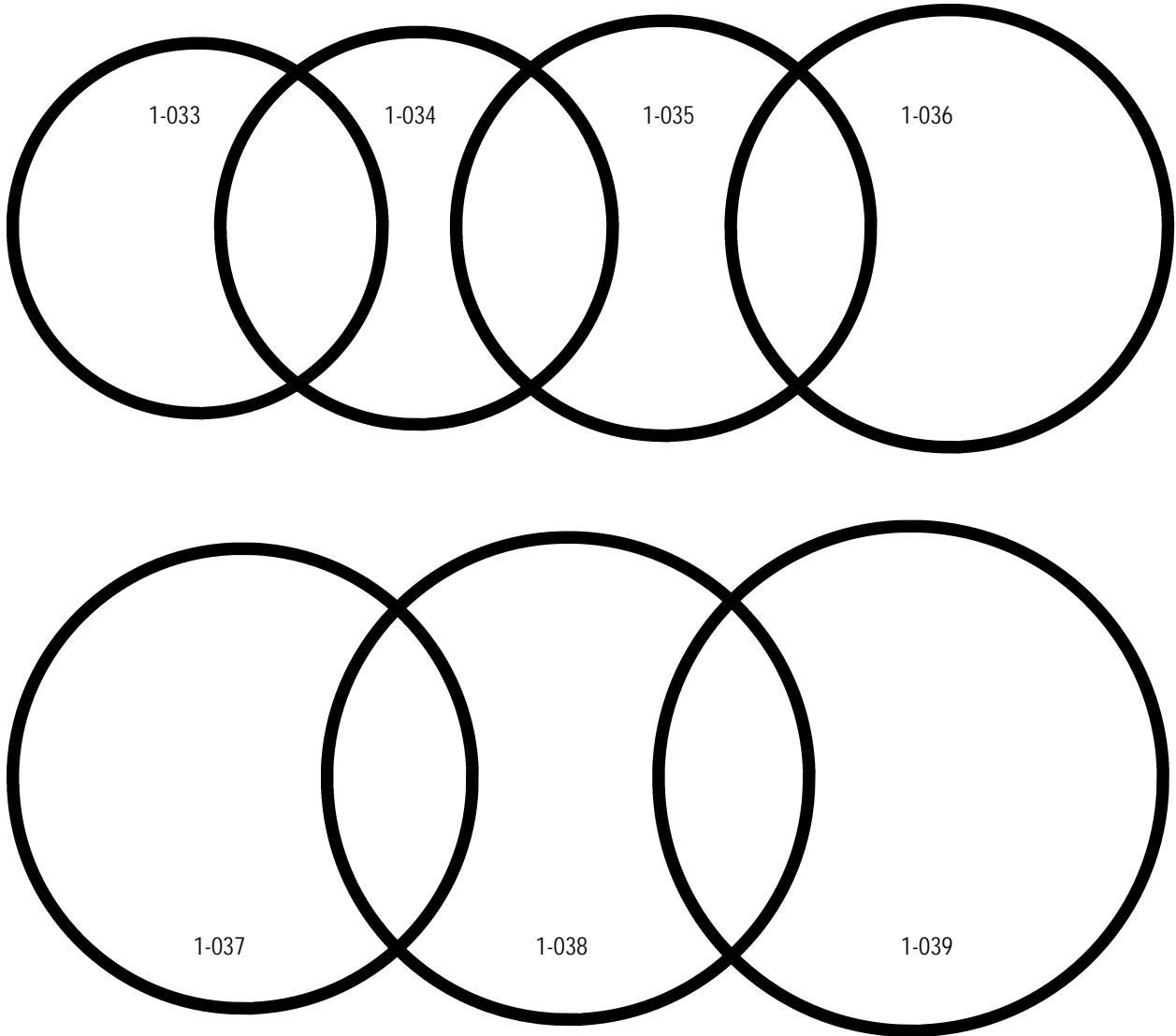
[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings

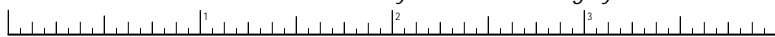


1/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-033	2	2 1/8	1/16	1.989 ±.018	.070 ±.003	2.129	AS568-033
1-034	2 1/8	2 1/4	1/16	2.114	.070	2.254	AS568-034
1-035	2 1/4	2 3/8	1/16	2.239	.070	2.379	AS568-035
1-036	2 3/8	2 1/2	1/16	2.364	.070	2.504	AS568-036
1-037	2 1/2	2 5/8	1/16	2.489	.070	2.629	AS568-037
1-038	2 5/8	2 3/4	1/16	2.614 ±.020	.070	2.754	AS568-038
1-039	2 3/4	2 7/8	1/16	2.739	.070	2.879	AS568-039

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

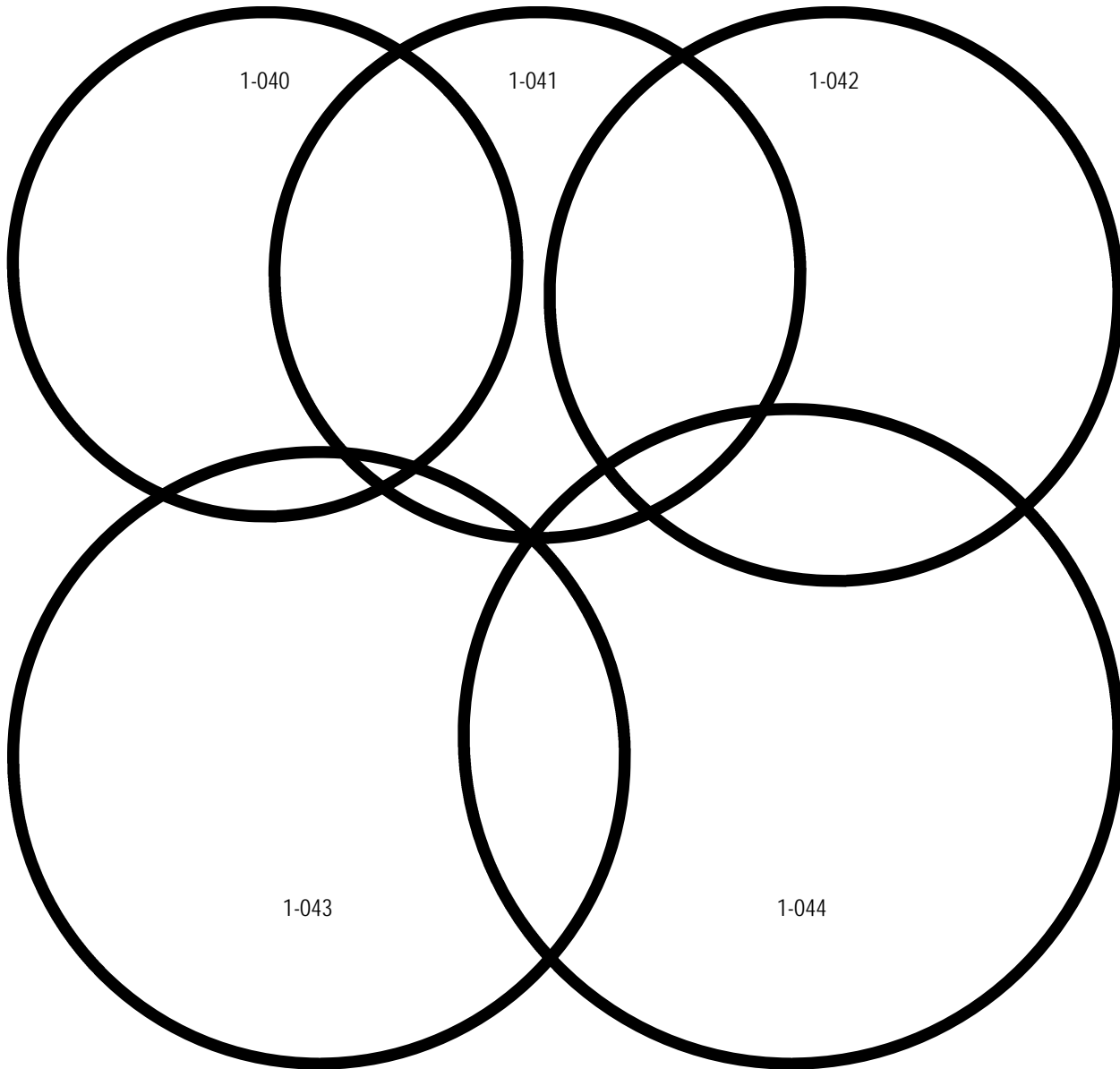


Standard Size

# O-Rings

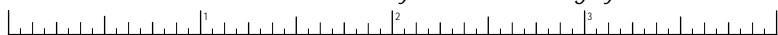


1/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-040	2 7/8	3	1/16	2.864 ±.020	.070 ±.003	3.004	AS568-040
1-041	3	3 1/8	1/16	2.989 ±.024	.070	3.129	AS568-041
1-042	3 1/4	3 3/8	1/16	3.239	.070	3.379	AS568-042
1-043	3 1/2	3 5/8	1/16	3.489	.070	3.629	AS568-043
1-044	3 3/4	3 7/8	1/16	3.739 ±.027	.070	3.879	AS568-044

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

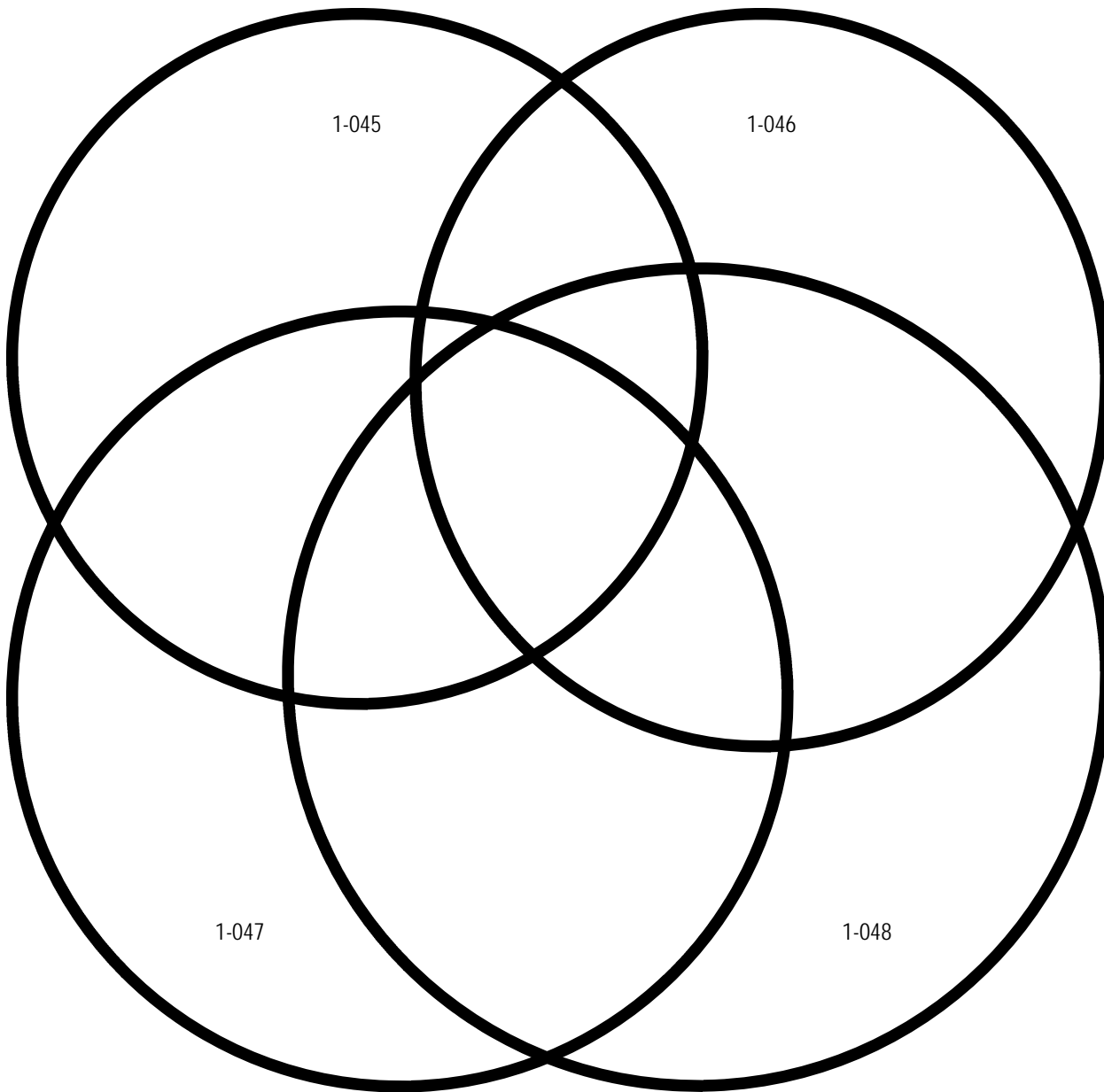
[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings

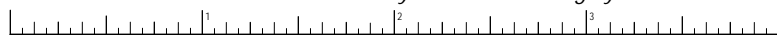


1/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-045	4	4 1/8	1/16	3.989 ±.027	.070 ±.003	4.129	AS568-045
1-046	4 1/4	4 3/8	1/16	4.239 ±.030	.070	4.379	AS568-046
1-047	4 1/2	4 5/8	1/16	4.489	.070	4.629	AS568-047
1-048	4 3/4	4 7/8	1/16	4.739	.070	4.879	AS568-048

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



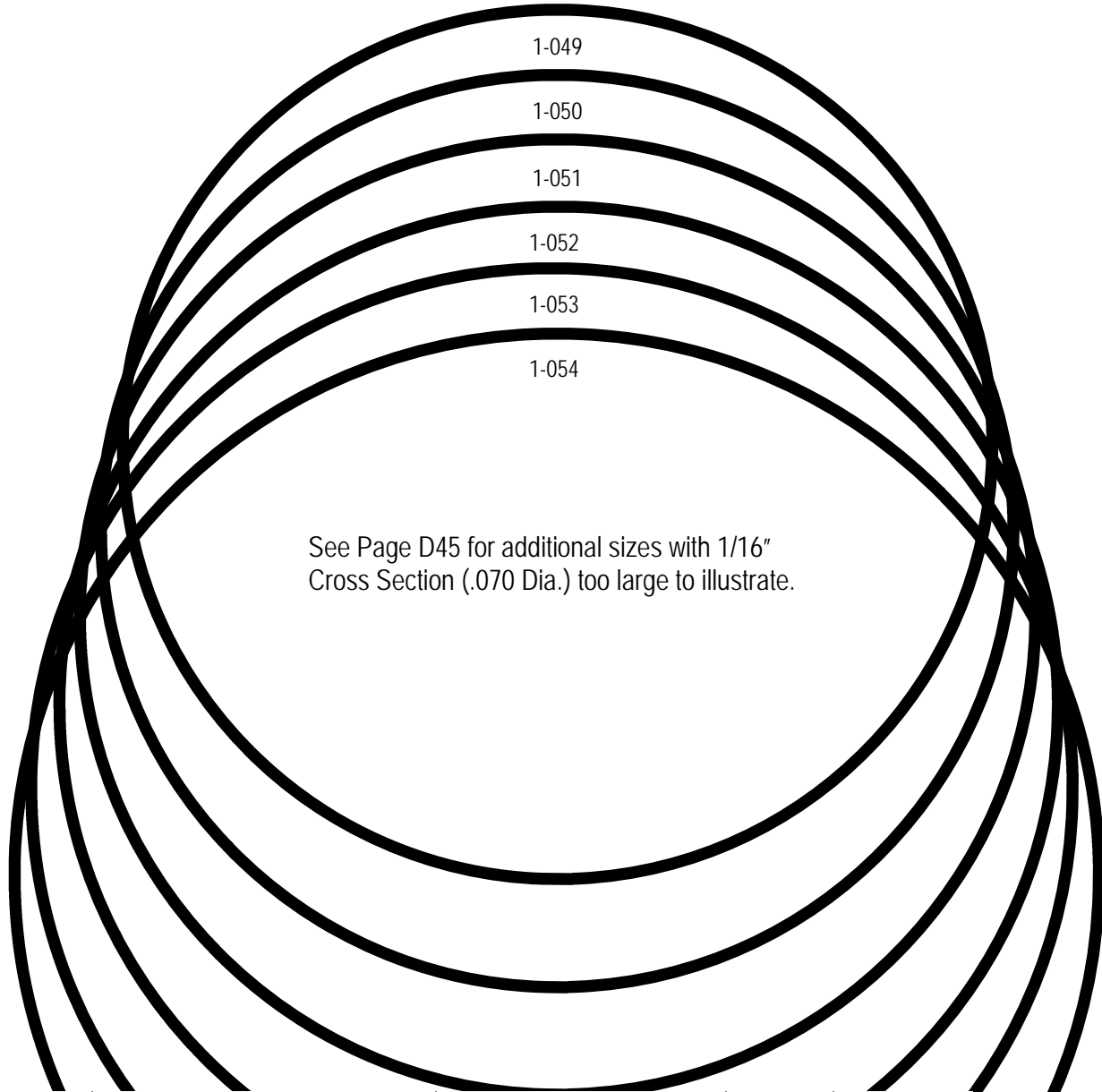


Standard Size

# O-Rings



1/16" Cross Section

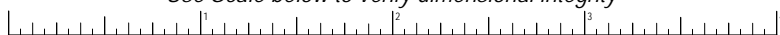


1-049  
1-050  
1-051  
1-052  
1-053  
1-054

See Page D45 for additional sizes with 1/16" Cross Section (.070 Dia.) too large to illustrate.

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-049	5	5 1/8	1/16	4.989 ±.037	.070 ±.003	5.129	AS568-049
1-050	5 1/4	5 3/8	1/16	5.239	.070	5.379	AS568-050
1-051	5 1/2	5 5/8	1/16	5.489	.070	5.629	
1-052	5 3/4	5 7/8	1/16	5.739	.070	5.879	
1-053	6	6 1/8	1/16	5.989	.070	6.129	
1-054	6 1/4	6 3/8	1/16	6.239 ±.040	.070	6.379	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
740 N. Washington Ave.  
Minneapolis, MN 55401

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

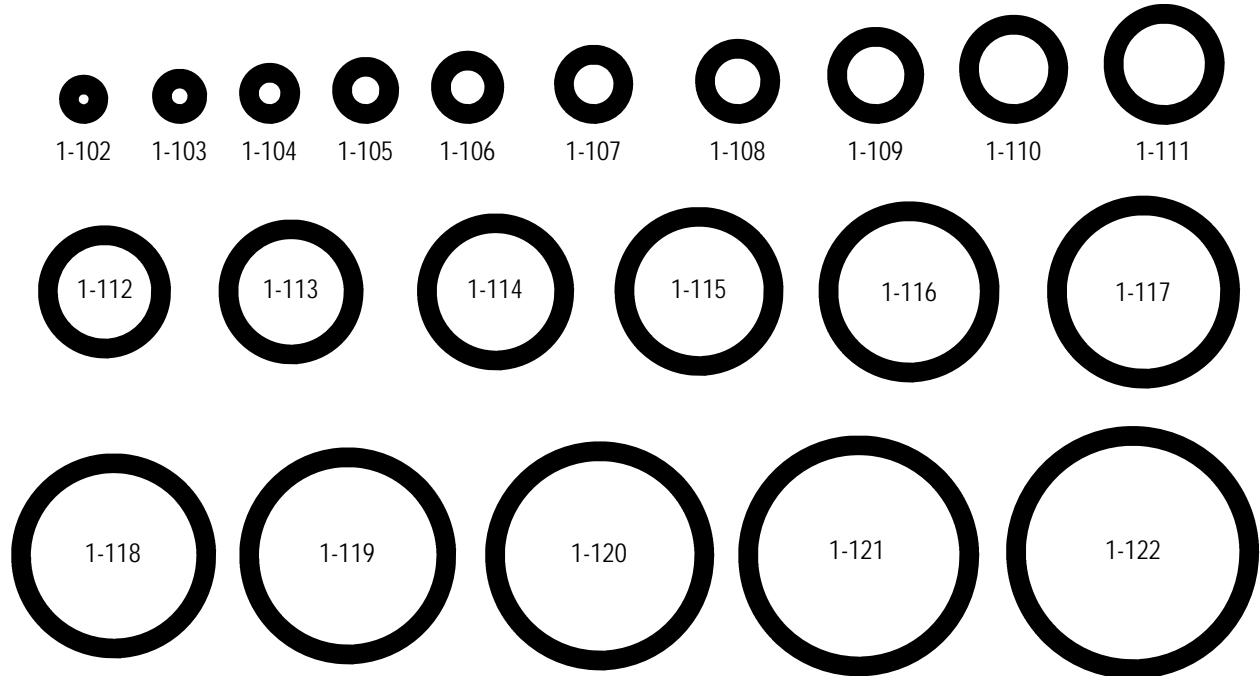




# Standard Size O-Rings

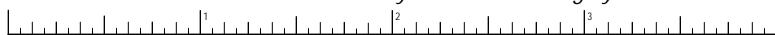


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-102	1/16	1/4	3/32	.050 ±.005	.103 ±.003	.256	AS568-102
1-103	3/32	9/32	3/32	.081	.103	.287	AS568-103
1-104	1/8	5/16	3/32	.112	.103	.318	AS568-104
1-105	5/32	11/32	3/32	.143	.103	.349	AS568-105
1-106	3/16	3/8	3/32	.175	.103	.381	AS568-106
1-107	7/32	13/32	3/32	.206	.103	.412	AS568-107
1-108	1/4	7/16	3/32	.237	.103	.443	AS568-108
1-109	5/16	1/2	3/32	.299	.103	.505	AS568-109
1-110	3/8	9/16	3/32	.362	.103	.568	AS568-110
1-111	7/16	5/8	3/32	.424	.103	.630	AS568-111
1-112	1/2	11/16	3/32	.487	.103	.693	AS568-112
1-113	9/16	3/4	3/32	.549 ±.007	.103	.755	AS568-113
1-114	5/8	13/16	3/32	.612 ±.009	.103	.818	AS568-114
1-115	11/16	7/8	3/32	.674	.103	.880	AS568-115
1-116	3/4	15/16	3/32	.737	.103	.943	AS568-116
1-117	13/16	1	3/32	.799 ±.010	.103	1.005	AS568-117
1-118	7/8	1 1/16	3/32	.862	.103	1.068	AS568-118
1-119	15/16	1 1/8	3/32	.924	.103	1.130	AS568-119
1-120	1	1 3/16	3/32	.987	.103	1.193	AS568-120
1-121	1 1/16	1 1/4	3/32	1.049	.103	1.255	AS568-121
1-122	1 1/8	1 5/16	3/32	1.112	.103	1.318	AS568-122

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

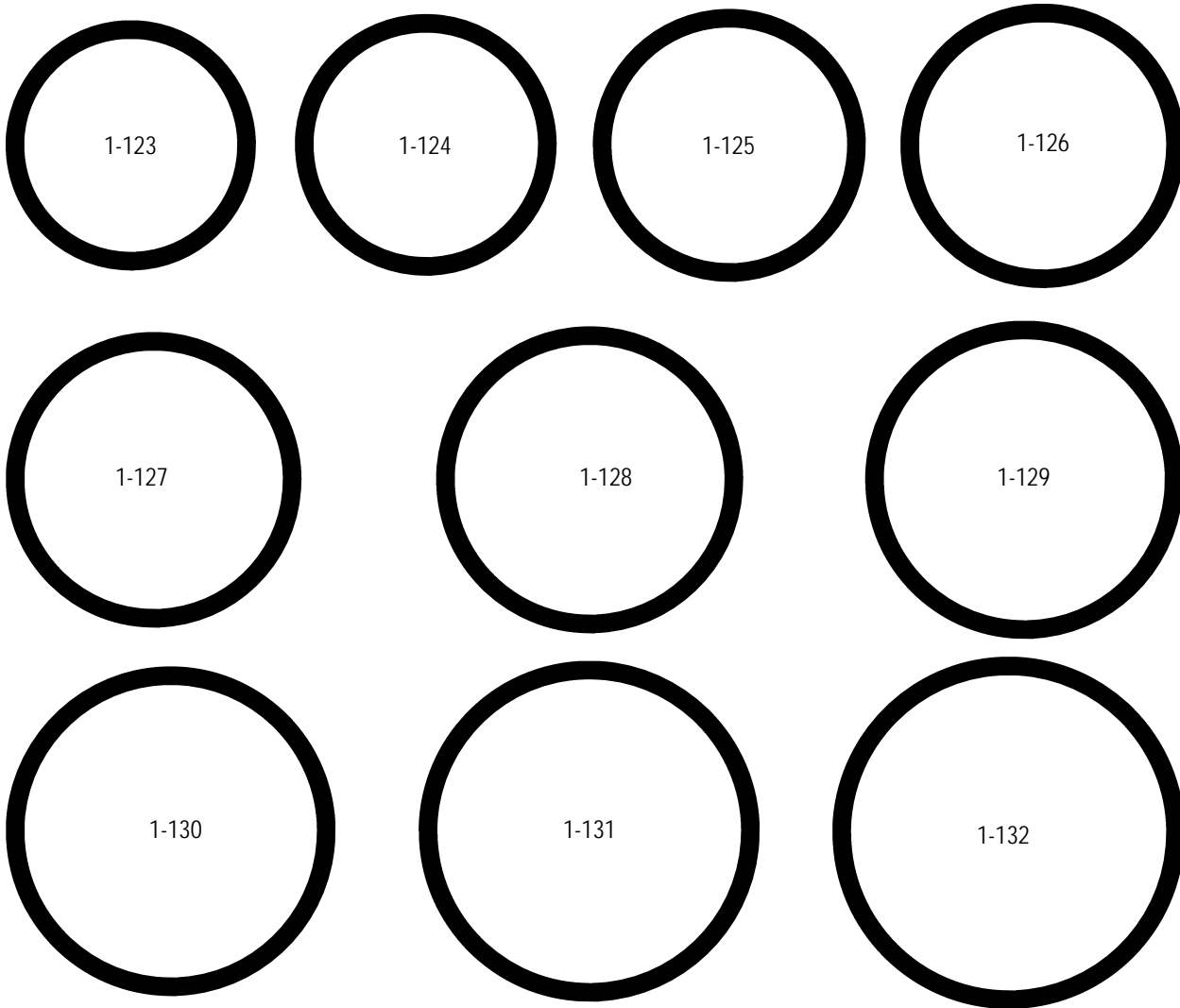


Standard Size

# O-Rings

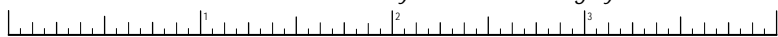


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-123	1 3/16	1 3/8	3/32	1.174 ±.012	.103 ±.003	1.380	AS568-123
1-124	1 1/4	1 7/16	3/32	1.237	.103	1.443	AS568-124
1-125	1 5/16	1 1/2	3/32	1.299	.103	1.505	AS568-125
1-126	1 3/8	1 9/16	3/32	1.362	.103	1.568	AS568-126
1-127	1 7/16	1 5/8	3/32	1.424	.103	1.630	AS568-127
1-128	1 1/2	1 11/16	3/32	1.487	.103	1.693	AS568-128
1-129	1 9/16	1 3/4	3/32	1.549 ±.015	.103	1.755	AS568-129
1-130	1 5/8	1 13/16	3/32	1.612	.103	1.818	AS568-130
1-131	1 11/16	1 7/8	3/32	1.674	.103	1.880	AS568-131
1-132	1 3/4	1 15/16	3/32	1.737	.103	1.943	AS568-132

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

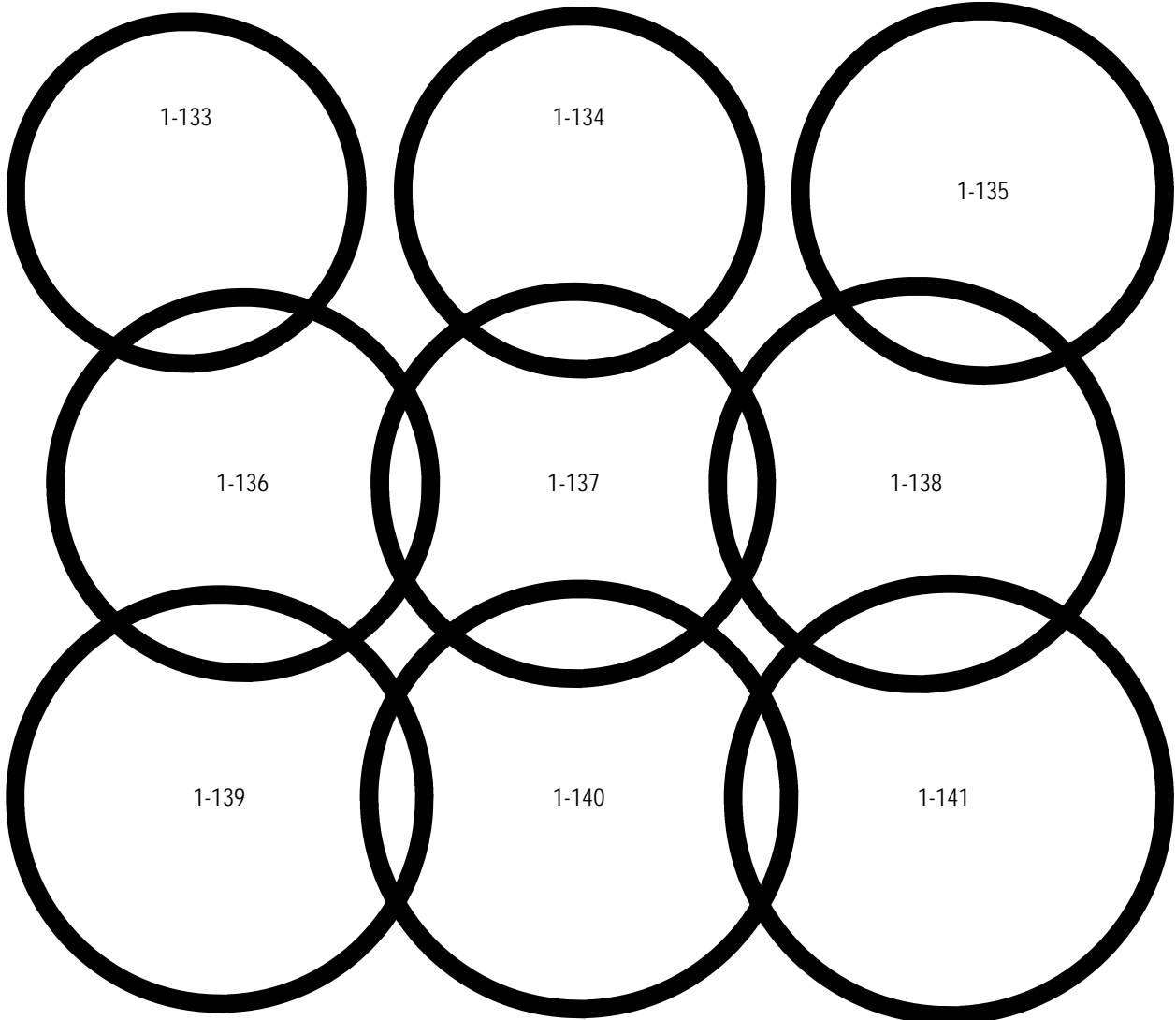


Standard Size

O-Rings

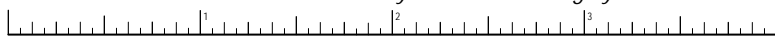


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-133	1 13/16	2	3/32	1.799 ±.015	.103 ±.003	2.005	AS568-133
1-134	1 7/8	2 1/16	3/32	1.862	.103	2.068	AS568-134
1-135	1 15/16	2 1/8	3/32	1.925 ±.017	.103	2.131	AS568-135
1-136	2	2 3/16	3/32	1.987	.103	2.193	AS568-136
1-137	2 1/16	2 1/4	3/32	2.050	.103	2.256	AS568-137
1-138	2 1/8	2 5/16	3/32	2.112	.103	2.318	AS568-138
1-139	2 3/16	2 3/8	3/32	2.175	.103	2.381	AS568-139
1-140	2 1/4	2 7/16	3/32	2.237	.103	2.443	AS568-140
1-141	2 5/16	2 1/2	3/32	2.300 ±.020	.103	2.506	AS568-141

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

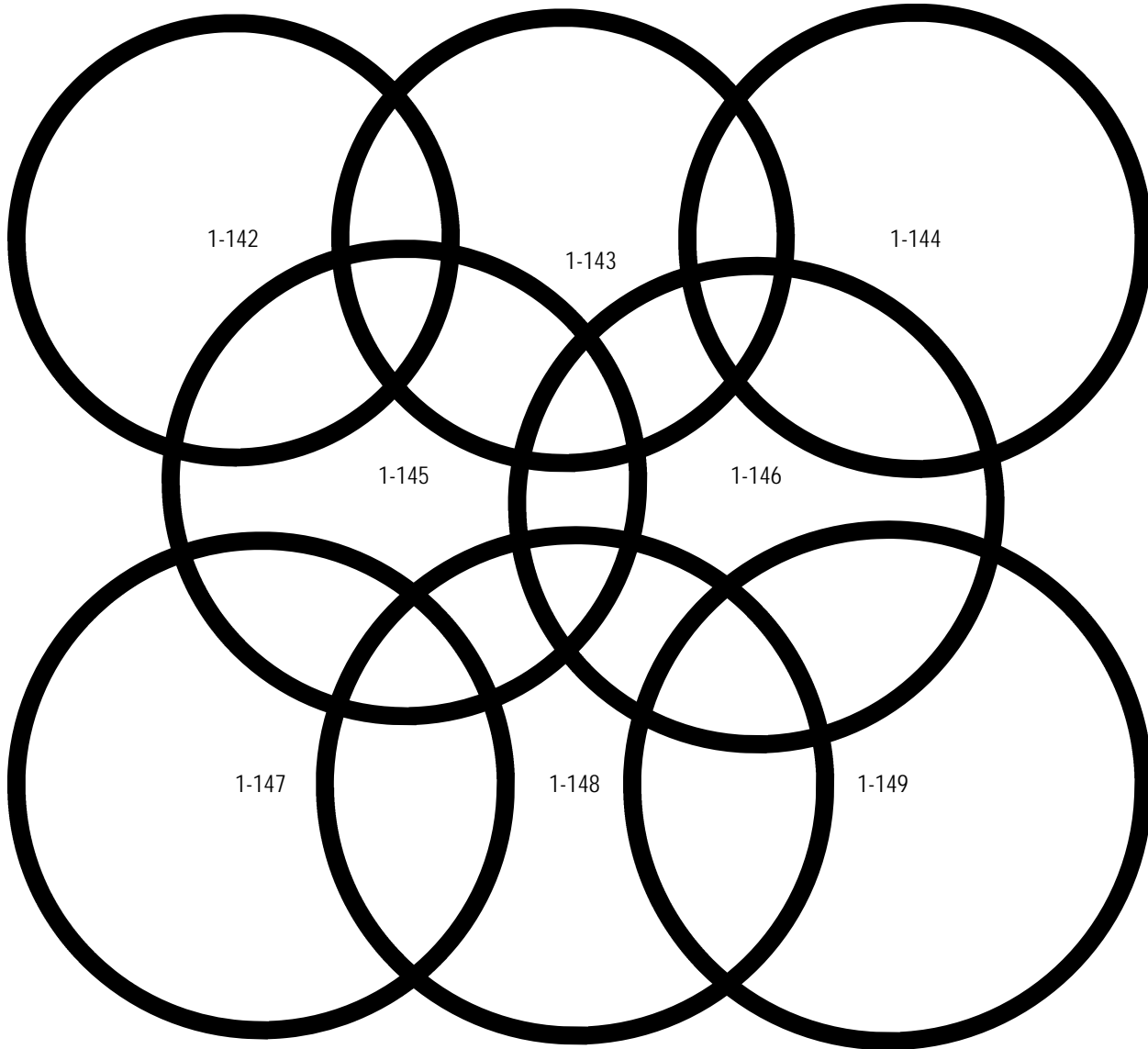


Standard Size

# O-Rings

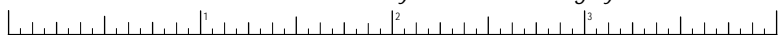


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-142	2 3/8	2 9/16	3/32	2.362 ±.020	.103 ±.003	2.568	AS568-142
1-143	2 7/16	2 5/8	3/32	2.425	.103	2.631	AS568-143
1-144	2 1/2	2 11/16	3/32	2.487	.103	2.693	AS568-144
1-145	2 9/16	2 3/4	3/32	2.550	.103	2.756	AS568-145
1-146	2 5/8	2 13/16	3/32	2.612	.103	2.818	AS568-146
1-147	2 11/16	2 7/8	3/32	2.675 ±.022	.103	2.881	AS568-147
1-148	2 3/4	2 15/16	3/32	2.737	.103	2.943	AS568-148
1-149	2 13/16	3	3/32	2.800	.103	3.006	AS568-149

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

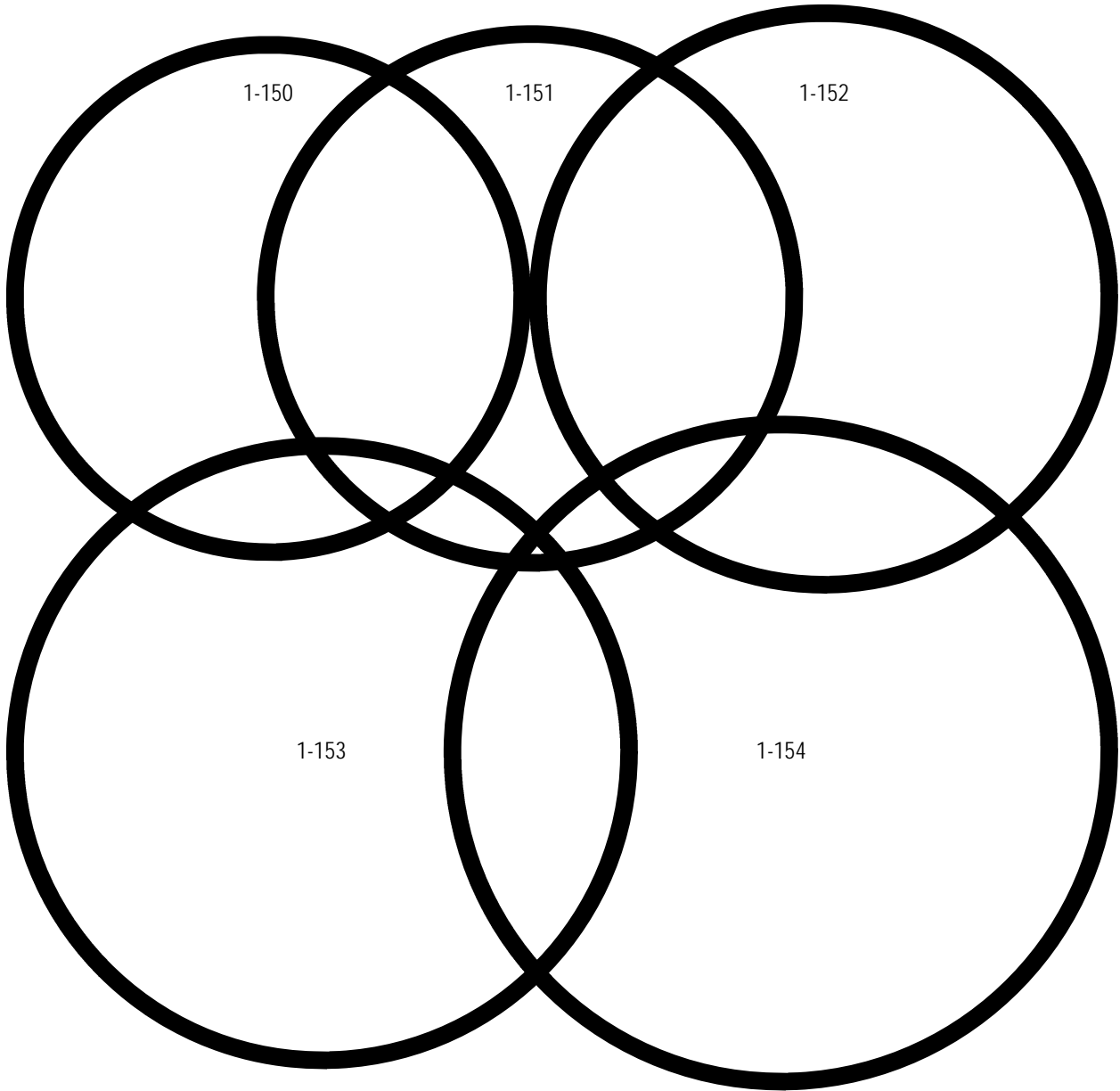


Standard Size

# O-Rings

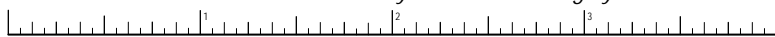


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-150	2 7/8	3 1/16	3/32	2.862 ±.022	.103 ±.003	3.068	AS568-150
1-151	3	3 3/16	3/32	2.987 ±.024	.103	3.193	AS568-151
1-152	3 1/4	3 7/16	3/32	3.237	.103	3.443	AS568-152
1-153	3 1/2	3 11/16	3/32	3.487	.103	3.693	AS568-153
1-154	3 3/4	3 15/16	3/32	3.737 ±.028	.103	3.943	AS568-154

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



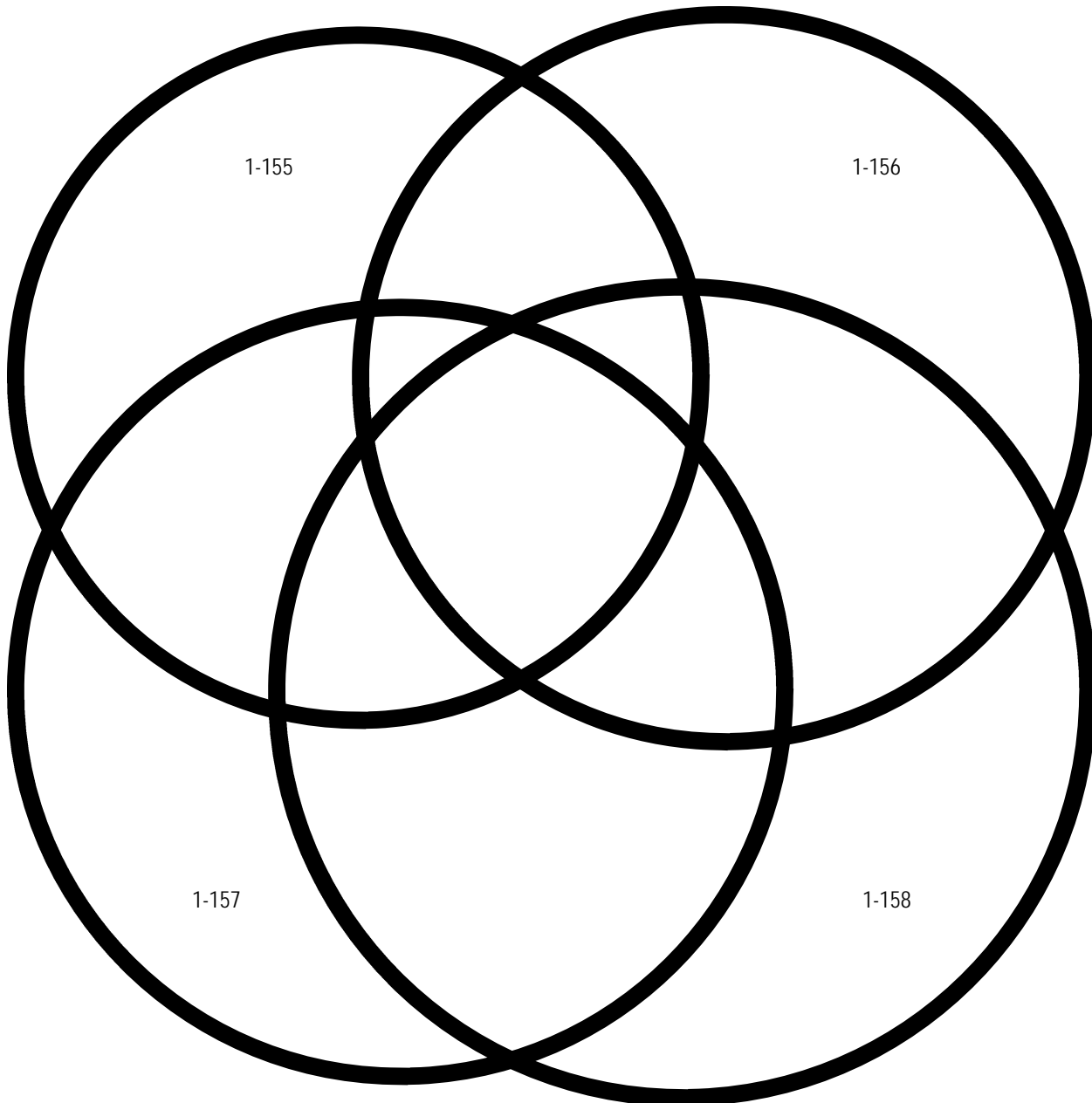


Standard Size

# O-Rings

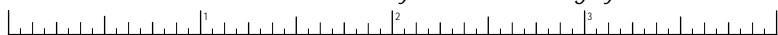


3/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-155	4	4 3/16	3/32	3.987 ±.028	.103 ±.003	4.193	AS568-155
1-156	4 1/4	4 7/16	3/32	4.237 ±.030	.103	4.443	AS568-156
1-157	4 1/2	4 11/16	3/32	4.487	.103	4.693	AS568-157
1-158	4 3/4	4 15/16	3/32	4.737	.103	4.943	AS568-158

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

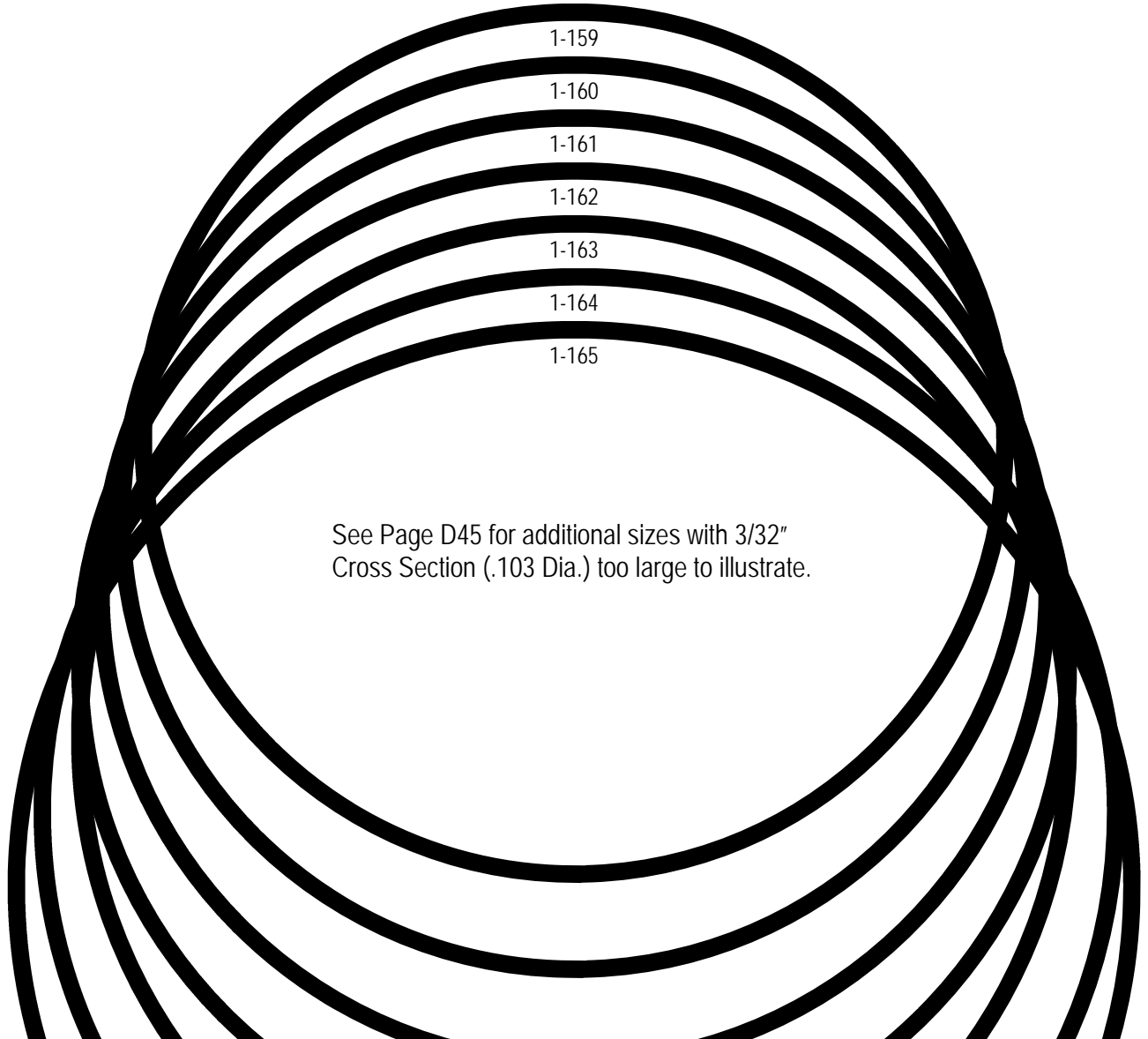


Standard Size

# O-Rings



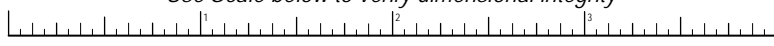
3/32" Cross Section



See Page D45 for additional sizes with 3/32" Cross Section (.103 Dia.) too large to illustrate.

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-159	5	5 3/16	3/32	4.987 ±.035	.103 ±.003	5.193	AS568-159
1-160	5 1/4	5 7/16	3/32	5.237	.103	5.443	AS568-160
1-161	5 1/2	5 11/16	3/32	5.487	.103	5.693	AS568-161
1-162	5 3/4	5 15/16	3/32	5.737	.103	5.943	AS568-162
1-163	6	6 3/16	3/32	5.987	.103	6.193	AS568-163
1-164	6 1/4	6 7/16	3/32	6.237 ±.040	.103	6.443	AS568-164
1-165	6 1/2	6 11/16	3/32	6.487	.103	6.693	AS568-165

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
740 N. Washington Ave.  
Minneapolis, MN 55401

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

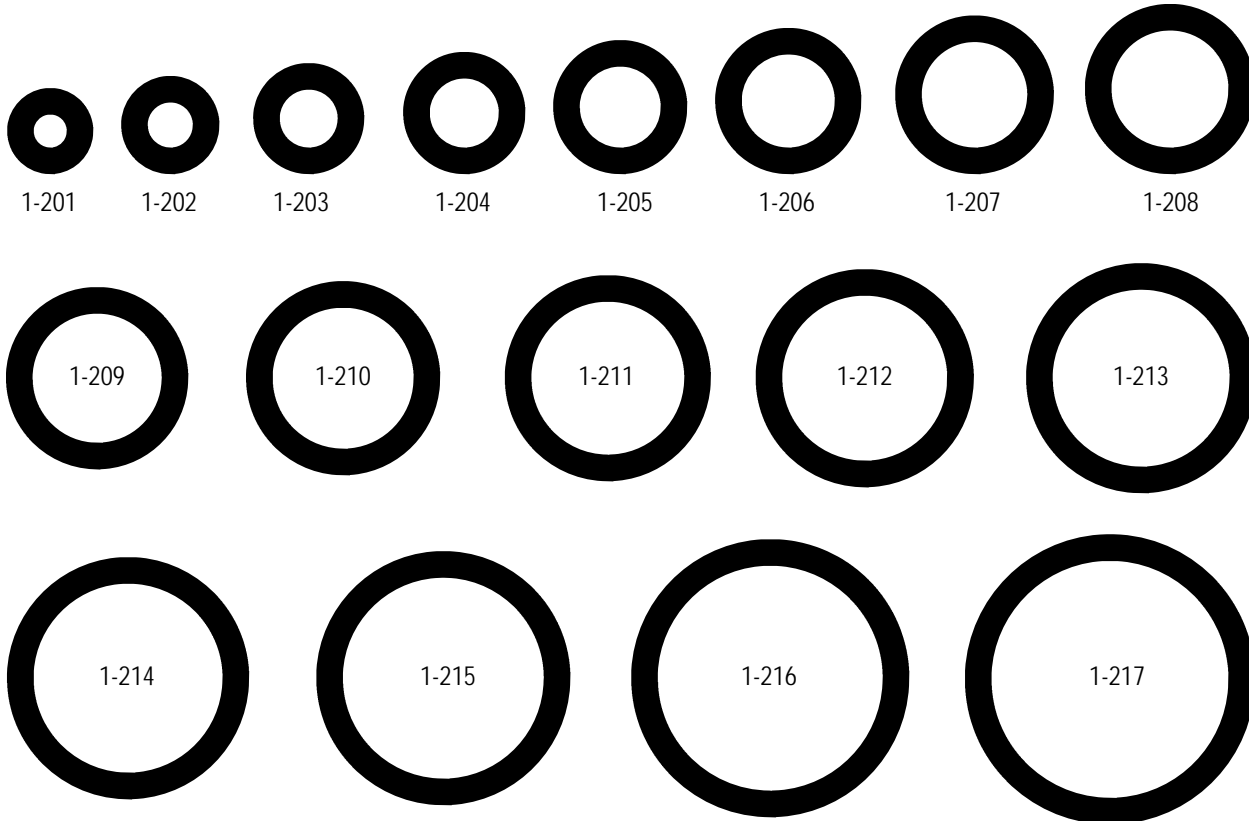


Standard Size

# O-Rings

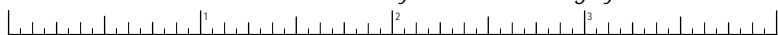


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-201	3/16	7/16	1/8	.171 ±.005	.139 ±.004	.449	AS568-201
1-202	1/4	1/2	1/8	.234	.139	.512	AS568-202
1-203	5/16	9/16	1/8	.296	.139	.579	AS568-203
1-204	3/8	5/8	1/8	.359	.139	.637	AS568-204
1-205	7/16	11/16	1/8	.421	.139	.699	AS568-205
1-206	1/2	3/4	1/8	.484	.139	.762	AS568-206
1-207	9/16	13/16	1/8	.549 ±.007	.139	.827	AS568-207
1-208	5/8	7/8	1/8	.609 ±.009	.139	.887	AS568-208
1-209	11/16	15/16	1/8	.672	.139	.950	AS568-209
1-210	3/4	1	1/8	.734 ±.010	.139	1.012	AS568-210
1-211	13/16	1 1/16	1/8	.796	.139	1.074	AS568-211
1-212	7/8	1 1/8	1/8	.859	.139	1.137	AS568-212
1-213	15/16	1 3/16	1/8	.921	.139	1.199	AS568-213
1-214	1	1 1/4	1/8	.984	.139	1.262	AS568-214
1-215	1 1/16	1 5/16	1/8	1.046	.139	1.324	AS568-215
1-216	1 1/8	1 3/8	1/8	1.109 ±.012	.139	1.387	AS568-216
1-217	1 3/16	1 7/16	1/8	1.171	.139	1.449	AS568-217

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

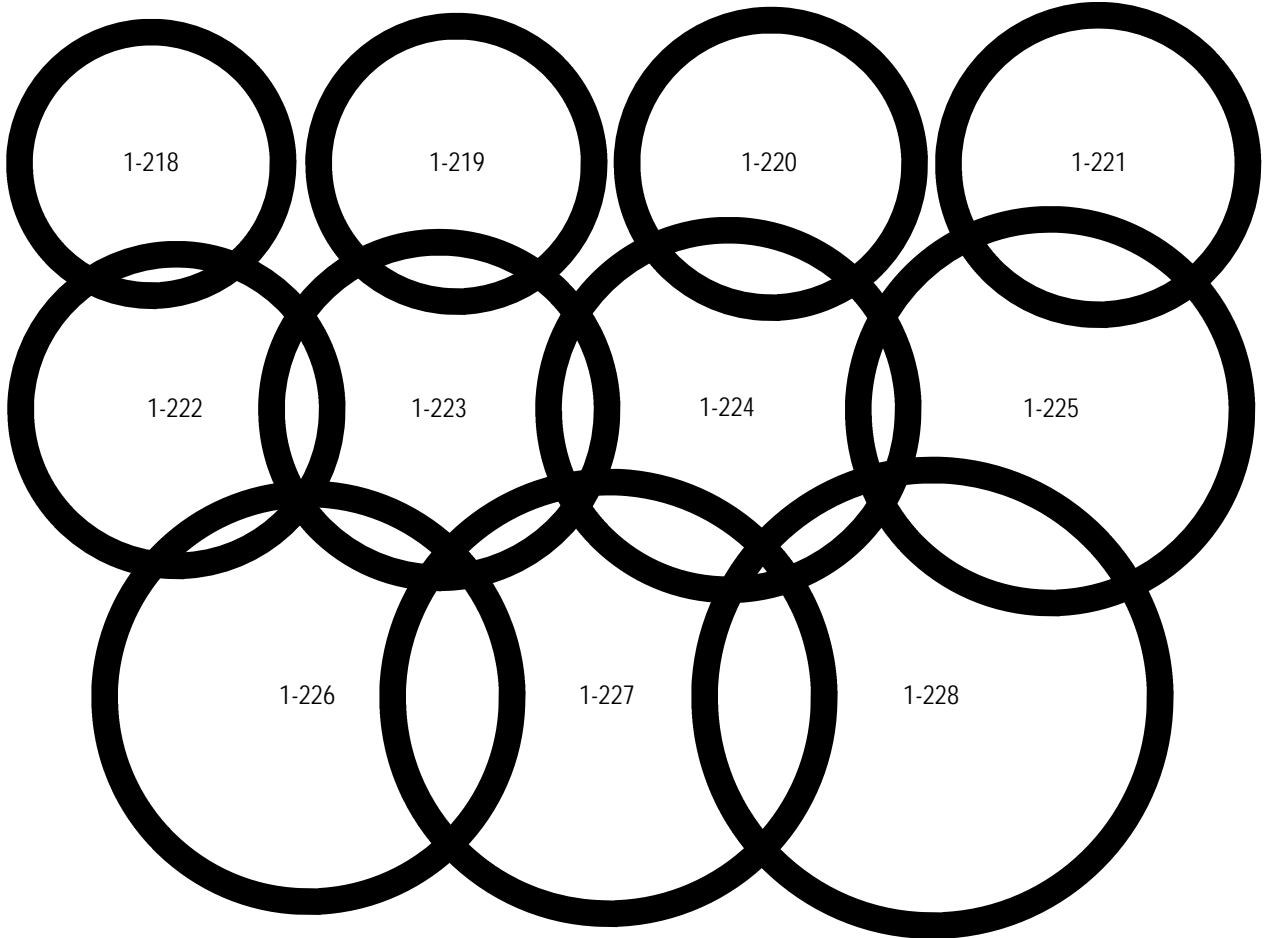




Standard Size  
O-Rings



1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-218	1 1/4	1 1/2	1/8	1.234 ±.012	.139 ±.004	1.512	AS568-218
1-219	1 5/16	1 9/16	1/8	1.296	.139	1.574	AS568-219
1-220	1 3/8	1 5/8	1/8	1.359	.139	1.637	AS568-220
1-221	1 7/16	1 11/16	1/8	1.421	.139	1.699	AS568-221
1-222	1 1/2	1 3/4	1/8	1.484 ±.015	.139	1.762	AS568-222
1-223	1 5/8	1 7/8	1/8	1.609	.139	1.887	AS568-223
1-224	1 3/4	2	1/8	1.734	.139	2.012	AS568-224
1-225	1 7/8	2 1/8	1/8	1.859 ±.018	.139	2.137	AS568-225
1-226	2	2 1/4	1/8	1.984	.139	2.262	AS568-226
1-227	2 1/8	2 3/8	1/8	2.109	.139	2.387	AS568-227
1-228	2 1/4	2 1/2	1/8	2.234 ±.020	.139	2.512	AS568-228

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



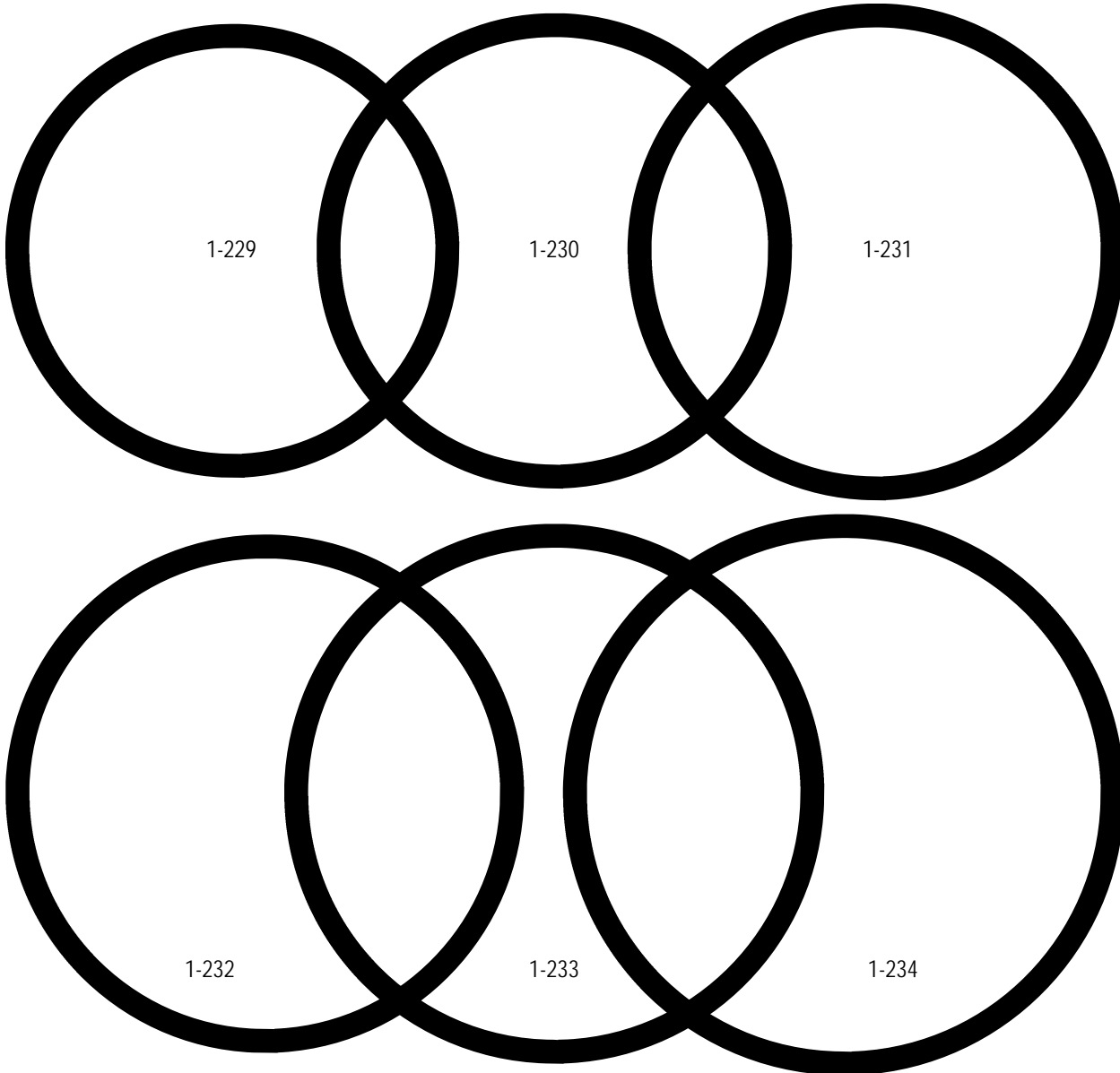


Standard Size

# O-Rings

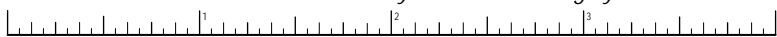


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-229	2 3/8	2 5/8	1/8	2.359 ±.020	.139 ±.004	2.637	AS568-229
1-230	2 1/2	2 3/4	1/8	2.484	.139	2.762	AS568-230
1-231	2 5/8	2 7/8	1/8	2.609	.139	2.887	AS568-231
1-232	2 3/4	3	1/8	2.734 ±.024	.139	3.012	AS568-232
1-233	2 7/8	3 1/8	1/8	2.859	.139	3.137	AS568-233
1-234	3	3 1/4	1/8	2.984	.139	3.262	AS568-234

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

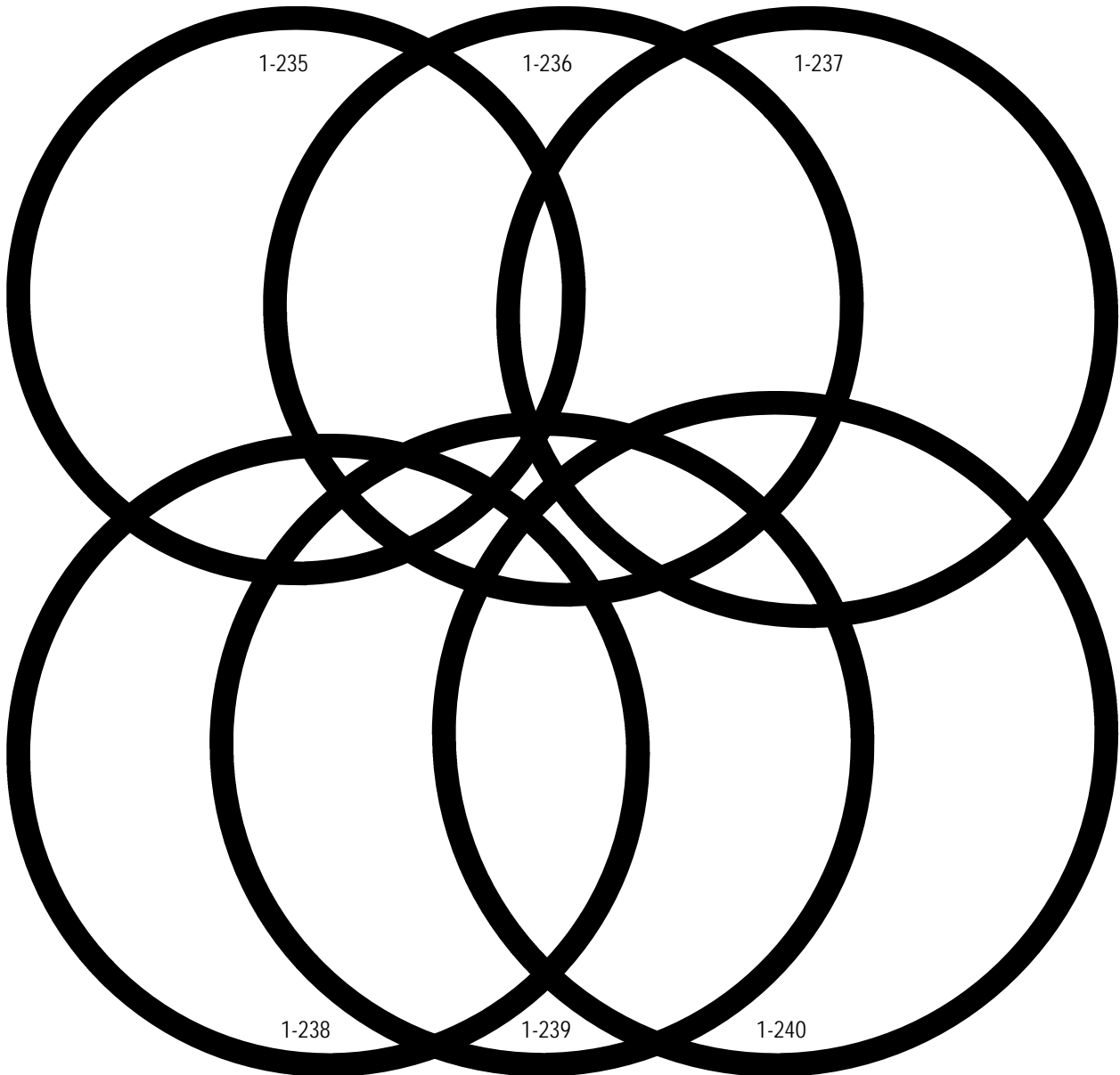


Standard Size

# O-Rings

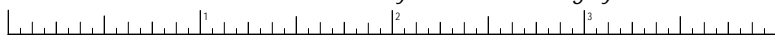


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-235	3 1/8	3 3/8	1/8	3.109 ±.024	.139 ±.004	3.387	AS568-235
1-236	3 1/4	3 1/2	1/8	3.234	.139	3.512	AS568-236
1-237	3 3/8	3 5/8	1/8	3.359	.139	3.637	AS568-237
1-238	3 1/2	3 3/4	1/8	3.484	.139	3.762	AS568-238
1-239	3 5/8	3 7/8	1/8	3.609 ±.028	.139	3.887	AS568-239
1-240	3 3/4	4	1/8	3.734	.139	4.012	AS568-240

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

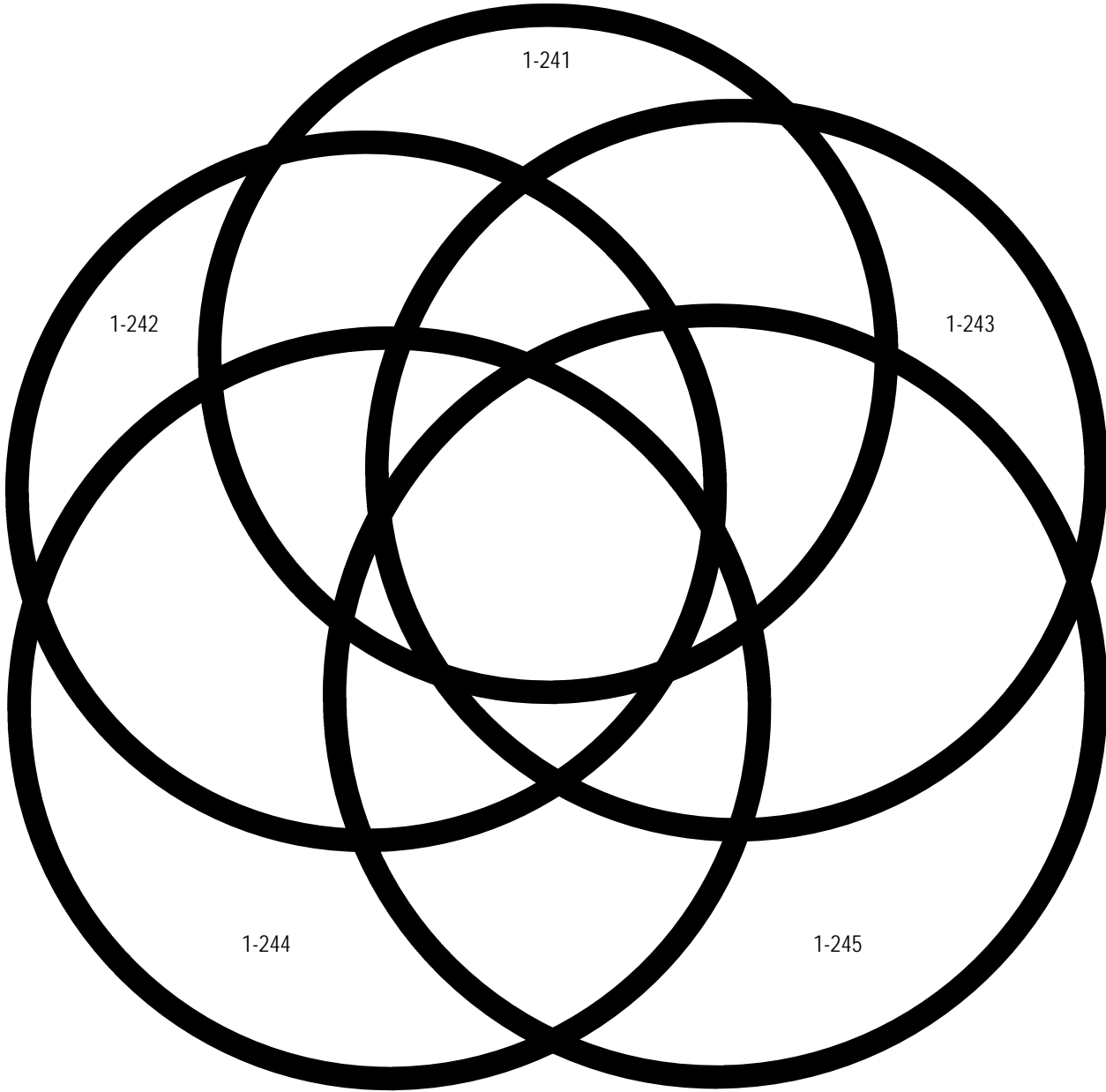
[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings

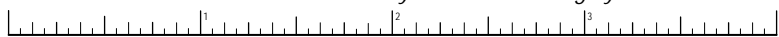


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-241	3 7/8	4 1/8	1/8	3.859 ±.028	.139 ±.004	4.137	AS568-241
1-242	4	4 1/4	1/8	3.984	.139	4.262	AS568-242
1-243	4 1/8	4 3/8	1/8	4.109	.139	4.387	AS568-243
1-244	4 1/4	4 1/2	1/8	4.234 ±.030	.139	4.512	AS568-244
1-245	4 3/8	4 5/8	1/8	4.359	.139	4.637	AS568-245

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

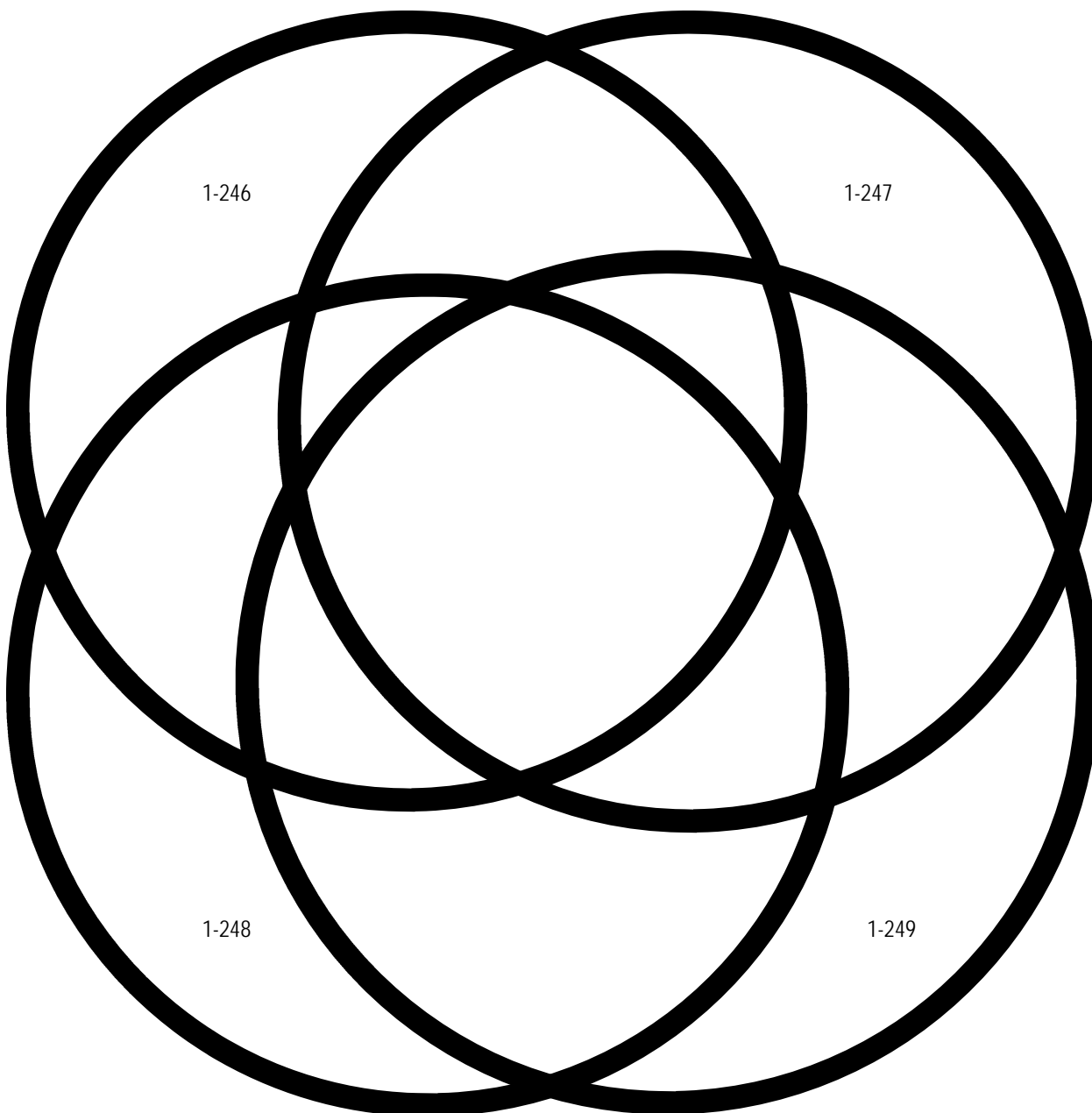
[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings

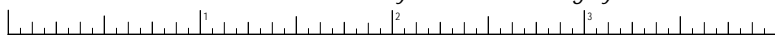


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-246	4 1/2	4 3/4	1/8	4.484 ±.030	.139 ±.004	4.762	AS568-246
1-247	4 5/8	4 7/8	1/8	4.609	.139	4.887	AS568-247
1-248	4 3/4	5	1/8	4.734	.139	5.012	AS568-248
1-249	4 7/8	5 1/8	1/8	4.859 ±.035	.139	5.137	AS568-249

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



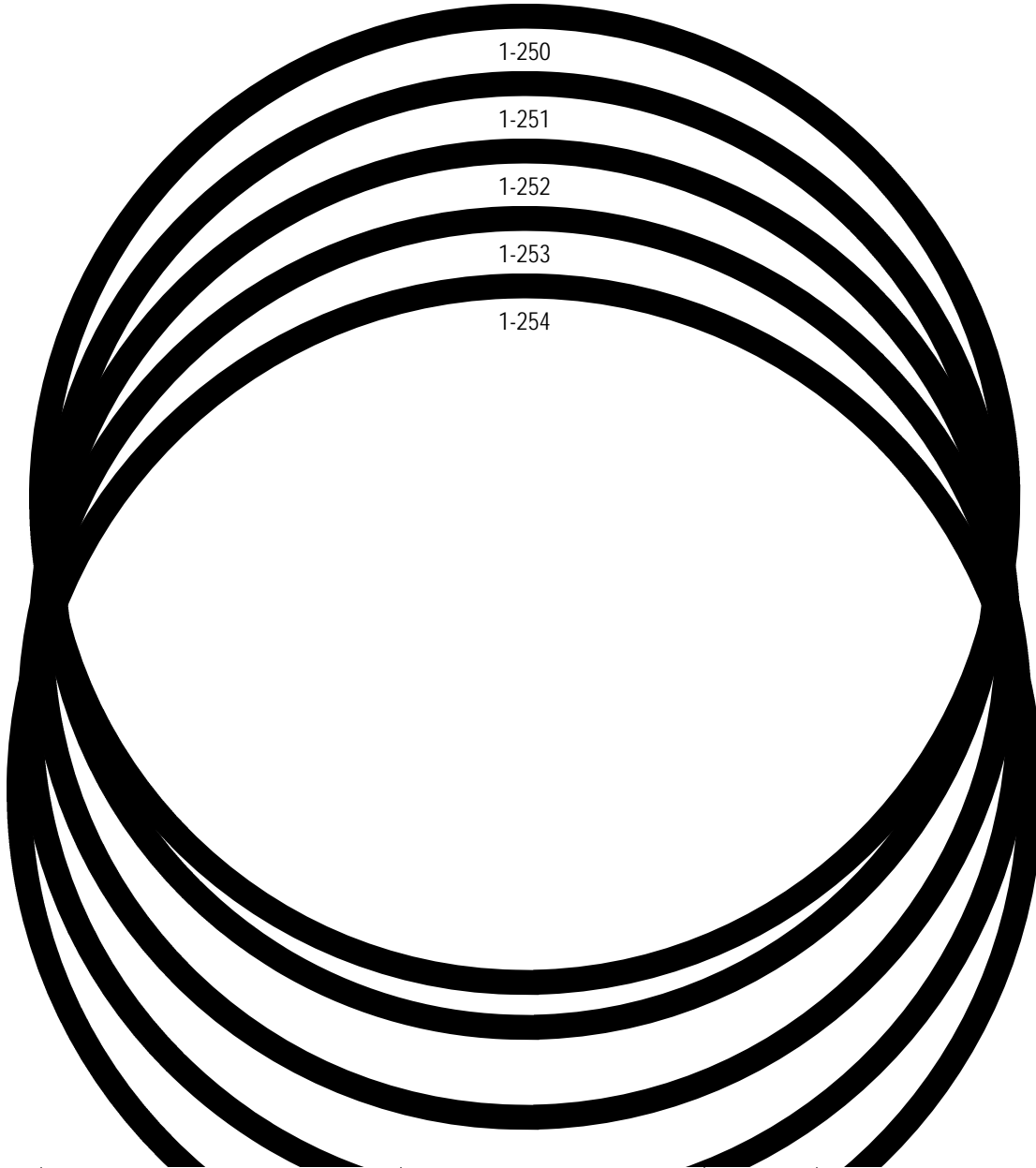


Standard Size

# O-Rings

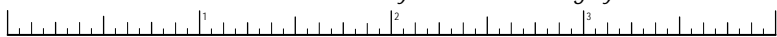


1/8" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-250	5	5 1/4	1/8	4.984 ±.035	.139 ±.004	5.262	AS568-250
1-251	5 1/8	5 3/8	1/8	5.109	.139	5.387	AS568-251
1-252	5 1/4	5 1/2	1/8	5.234	.139	5.512	AS568-252
1-253	5 3/8	5 5/8	1/8	5.359	.139	5.637	AS568-253
1-254	5 1/2	5 3/4	1/8	5.484	.139	5.762	AS568-254

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

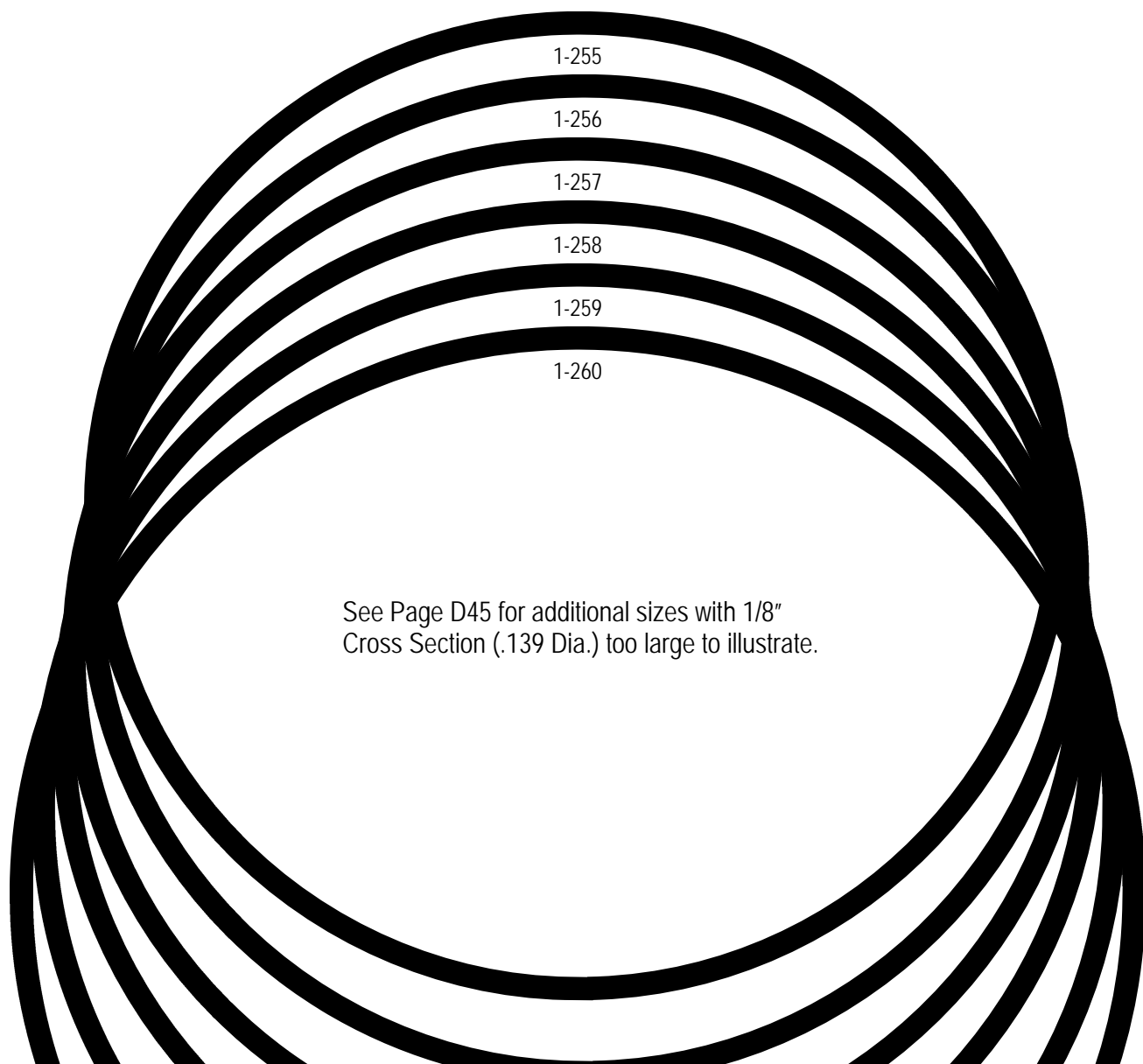


Standard Size

# O-Rings



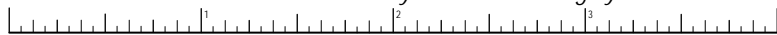
1/8" Cross Section



See Page D45 for additional sizes with 1/8" Cross Section (.139 Dia.) too large to illustrate.

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-255	5 5/8	5 7/8	1/8	5.609 ±.035	.139 ±.004	5.887	AS568-255
1-256	5 3/4	6	1/8	5.734	.139	6.012	AS568-256
1-257	5 7/8	6 1/8	1/8	5.859	.139	6.137	AS568-257
1-258	6	6 1/4	1/8	5.984	.139	6.262	AS568-258
1-259	6 1/4	6 1/2	1/8	6.234 ±.040	.139	6.512	AS568-259
1-260	6 1/2	6 3/4	1/8	6.484	.139	6.762	AS568-260

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
740 N. Washington Ave.  
Minneapolis, MN 55401

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

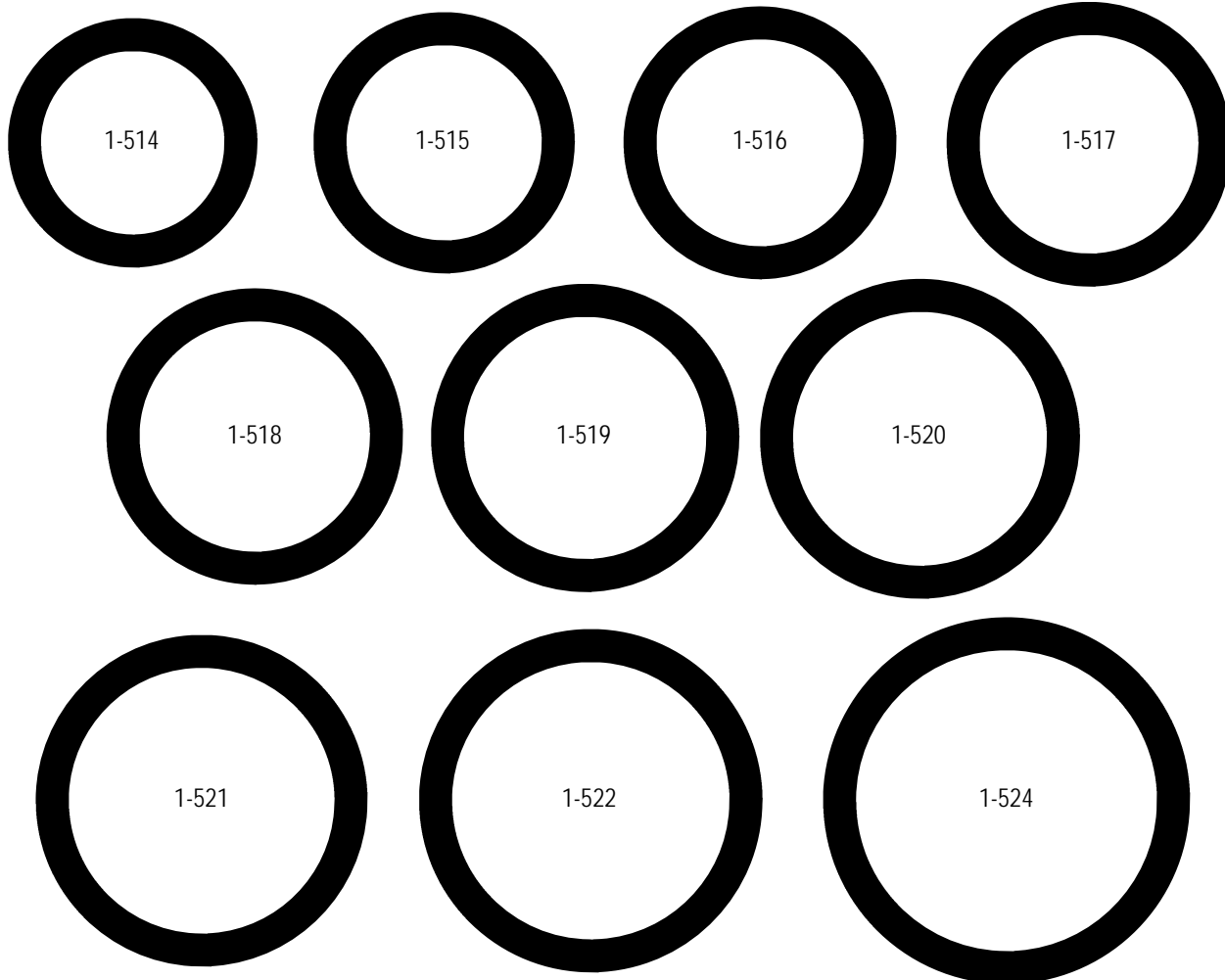


Standard Size

O-Rings



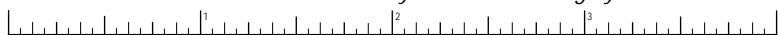
5/32" Cross Section



Please Contact Precision Associates for information on Sizes not listed

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-514	1	1 5/16	5/32	.975 ±.010	.176 ±.005	1.327	
1-515	1 1/16	1 3/8	5/32	1.038	.176	1.390	
1-516	1 1/8	1 7/16	5/32	1.100 ±.012	.176	1.452	
1-517	1 3/16	1 1/2	5/32	1.163	.176	1.515	
1-518	1 1/4	1 9/16	5/32	1.225	.176	1.577	
1-519	1 5/16	1 5/8	5/32	1.288	.176	1.640	
1-520	1 3/8	1 11/16	5/32	1.350	.176	1.702	
1-521	1 7/16	1 3/4	5/32	1.413	.176	1.765	
1-522	1 1/2	1 13/16	5/32	1.475 ±.015	.176	1.827	
1-524	1 5/8	1 15/16	5/32	1.600	.176	1.952	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



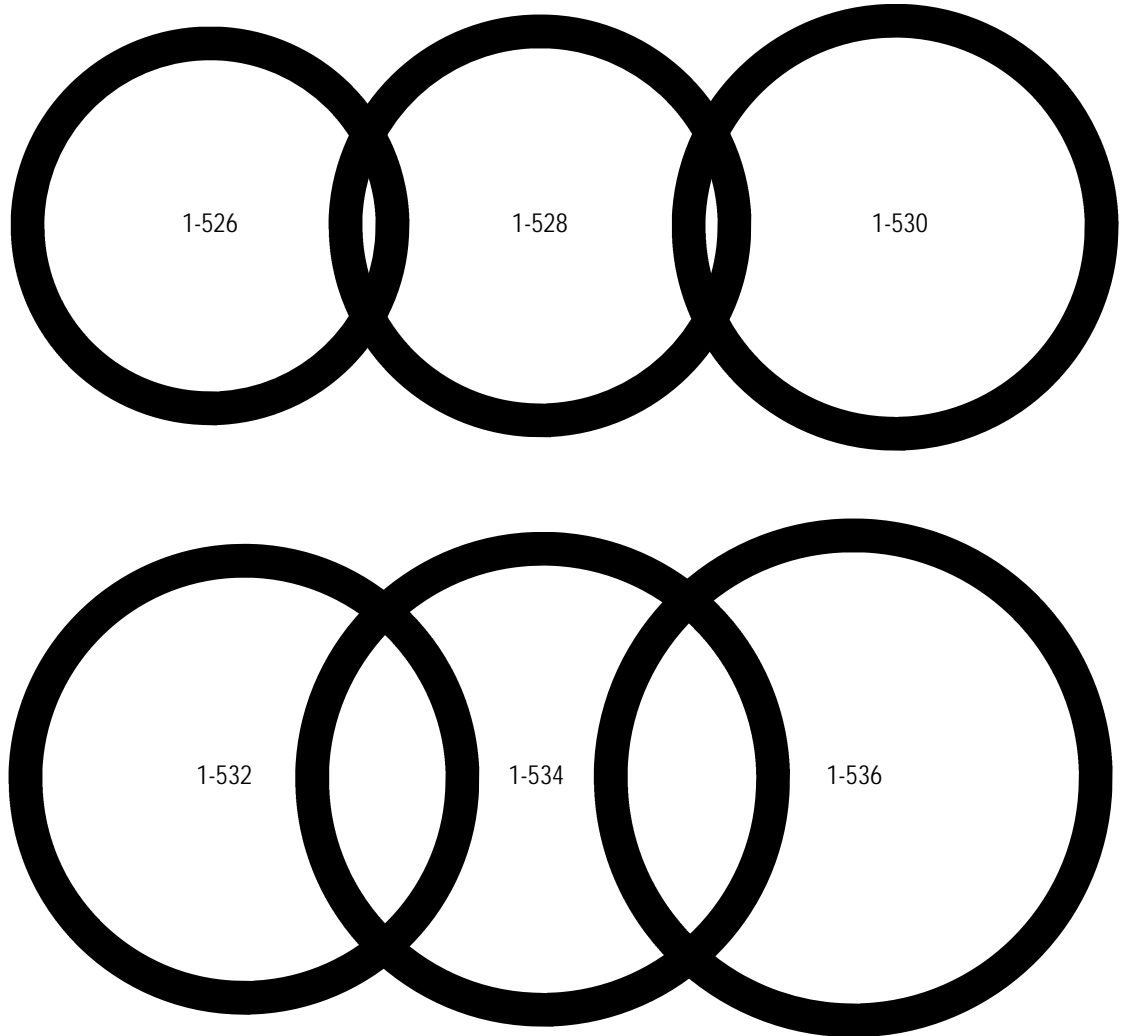


Standard Size

O-Rings



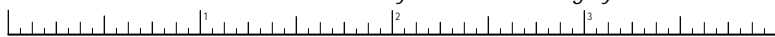
5/32" Cross Section



Please Contact Precision Associates for information on Sizes not listed

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-526	1 3/4	2 1/16	5/32	1.725 ±.015	.176 ±.005	2.077	
1-528	1 7/8	2 3/16	5/32	1.850	.176	2.202	
1-530	2	2 5/16	5/32	1.975 ±.018	.176	2.327	
1-532	2 1/8	2 7/16	5/32	2.100	.176	2.452	
1-534	2 1/4	2 9/16	5/32	2.225	.176	2.577	
1-536	2 3/8	2 11/16	5/32	2.350	.176	2.702	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



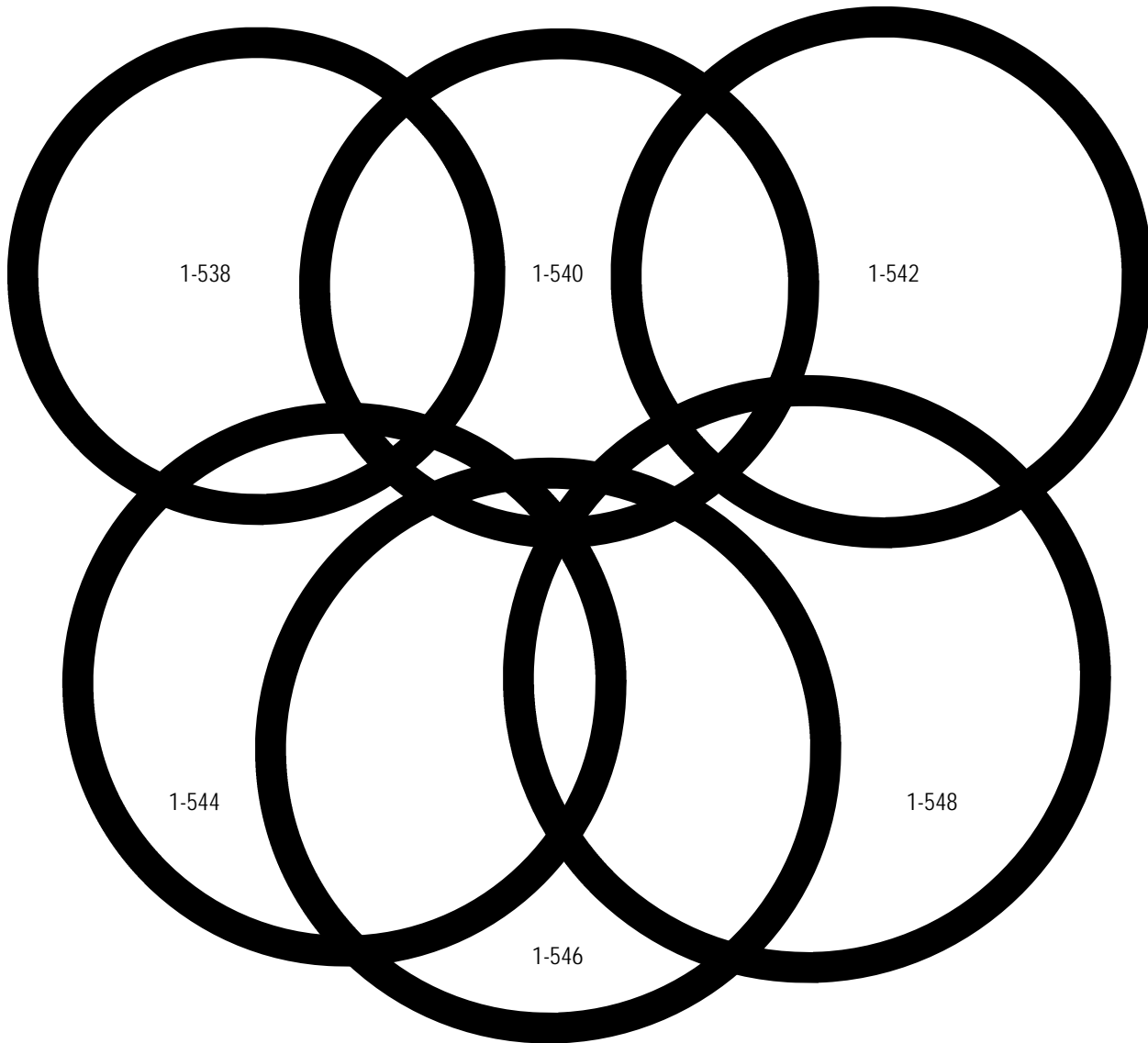


Standard Size

# O-Rings

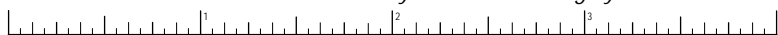


5/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-538	2 1/2	2 13/16	5/32	2.475 ±.020	.176 ±.005	2.827	
1-540	2 5/8	2 15/16	5/32	2.600	.176	2.952	
1-542	2 3/4	3 1/16	5/32	2.725	.176	3.077	
1-544	2 7/8	3 3/16	5/32	2.850	.176	3.202	
1-546	3	3 5/16	5/32	2.975 ±.024	.176	3.327	
1-548	3 1/8	3 7/16	5/32	3.100	.176	3.452	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

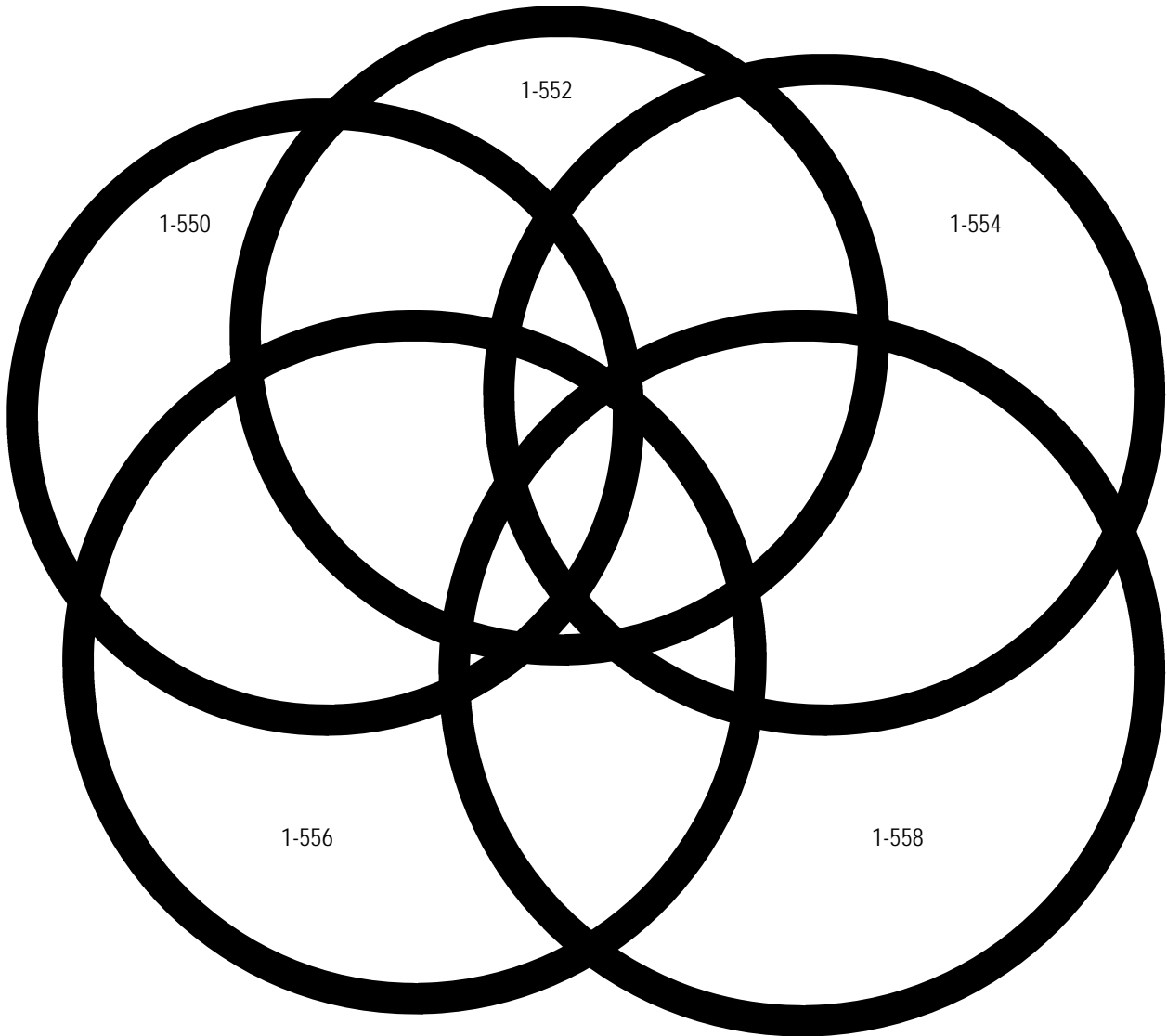


Standard Size

O-Rings

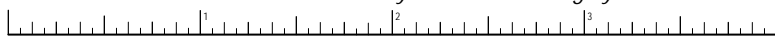


5/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-550	3 1/4	3 9/16	5/32	3.225 ±.024	.176 ±.005	3.577	
1-552	3 3/8	3 11/16	5/32	3.350	.176	3.702	
1-554	3 1/2	3 13/16	5/32	3.475	.176	3.827	
1-556	3 5/8	3 15/16	5/32	3.600 ±.028	.176	3.952	
1-558	3 3/4	4 1/16	5/32	3.725	.176	4.077	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



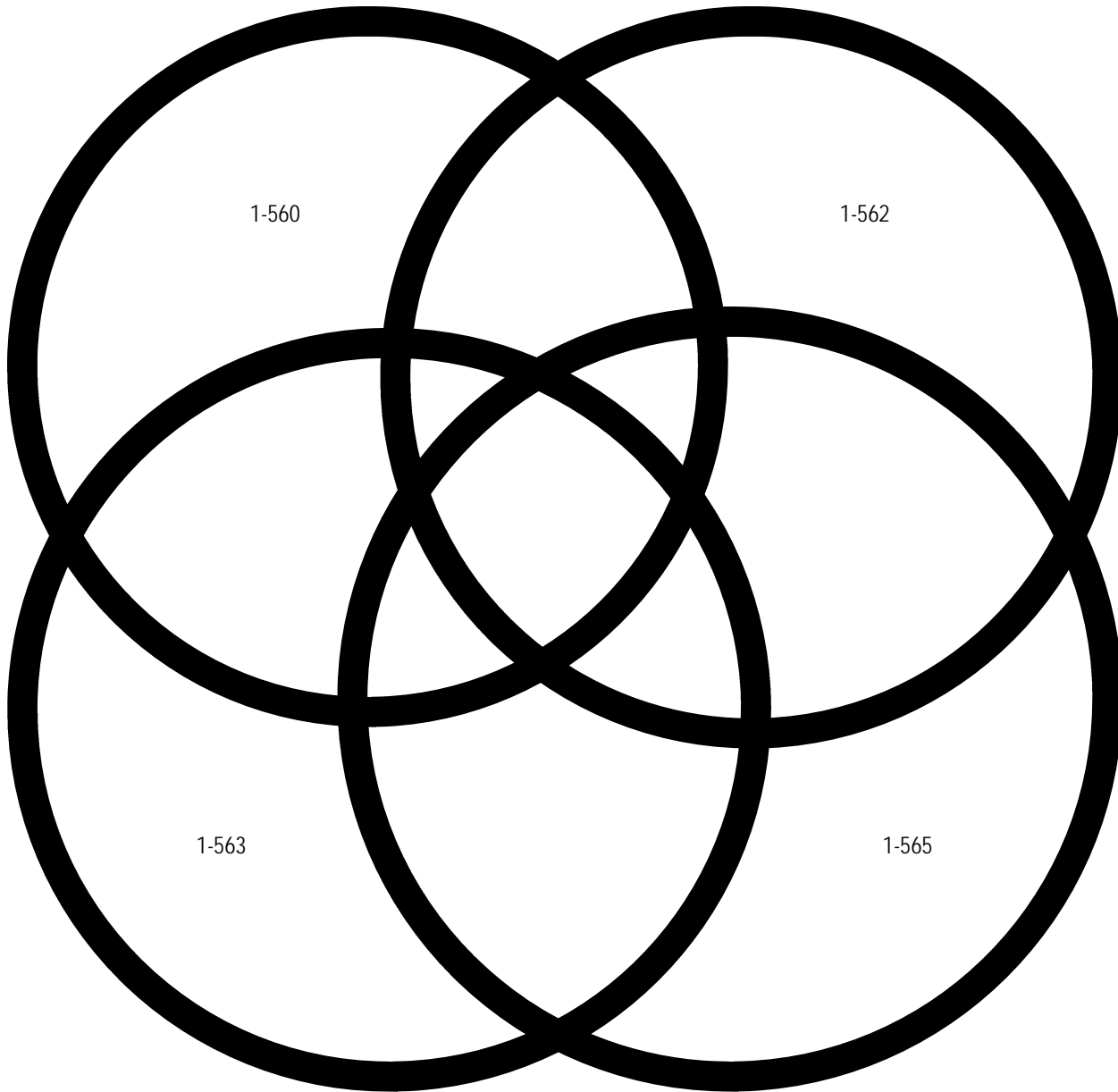


Standard Size

# O-Rings

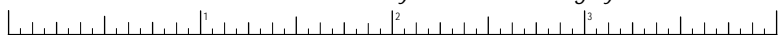


5/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-560	3 7/8	4 3/16	5/32	3.850 ±.028	.176 ±.005	4.202	
1-562	4	4 5/16	5/32	3.975	.176	4.327	
1-563	4 1/8	4 7/16	5/32	4.100	.176	4.452	
1-565	4 1/4	4 9/16	5/32	4.225 ±.030	.176	4.577	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

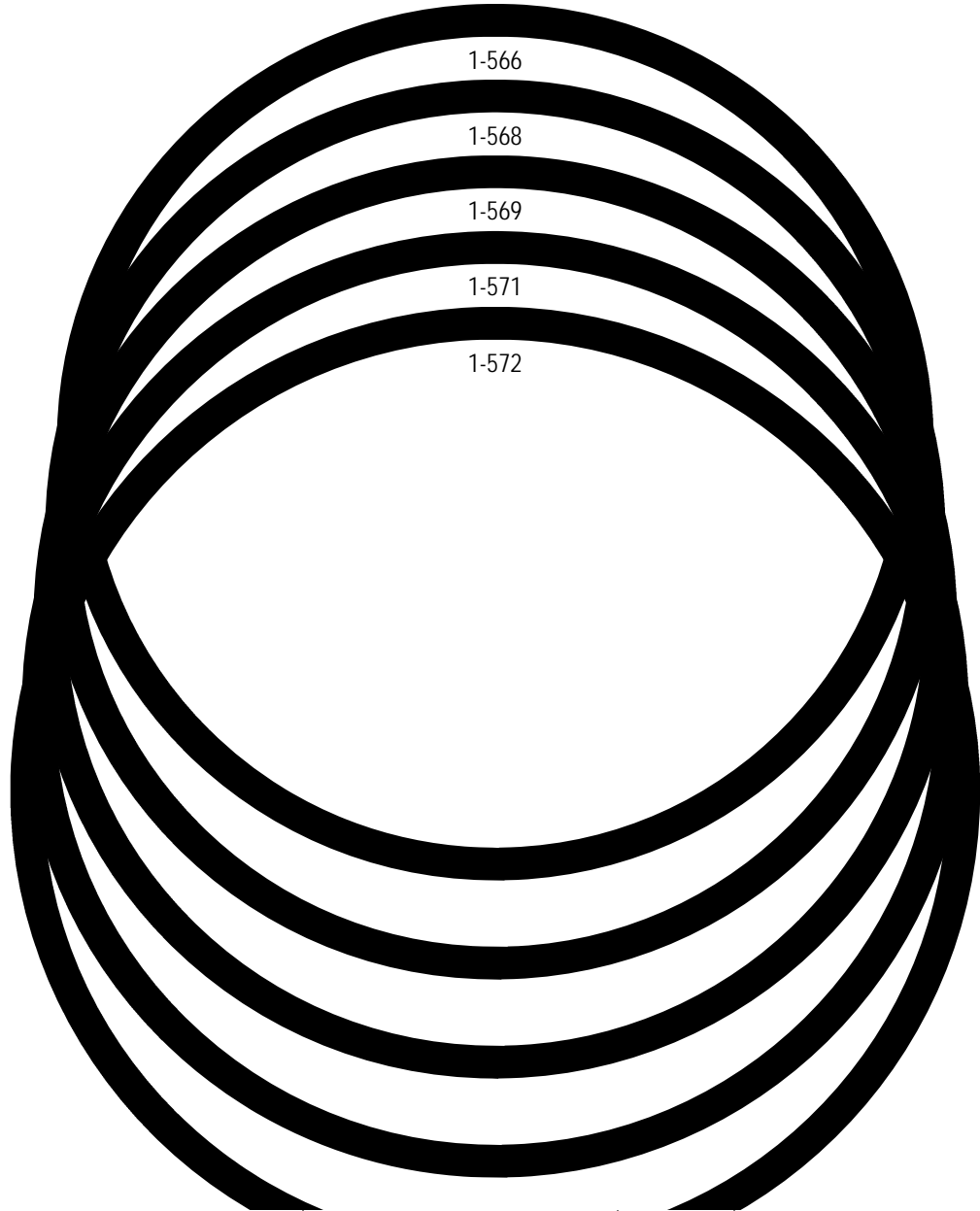


Standard Size

# O-Rings

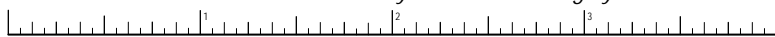


5/32" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-566	4 3/8	4 11/16	5/32	4.350 ±.030	.176 ±.005	4.702	
1-568	4 1/2	4 13/16	5/32	4.475	.176	4.827	
1-569	4 5/8	4 15/16	5/32	4.600	.176	4.952	
1-571	4 3/4	5 1/16	5/32	4.725	.176	5.077	
1-572	4 7/8	5 3/16	5/32	4.850	.176	5.202	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



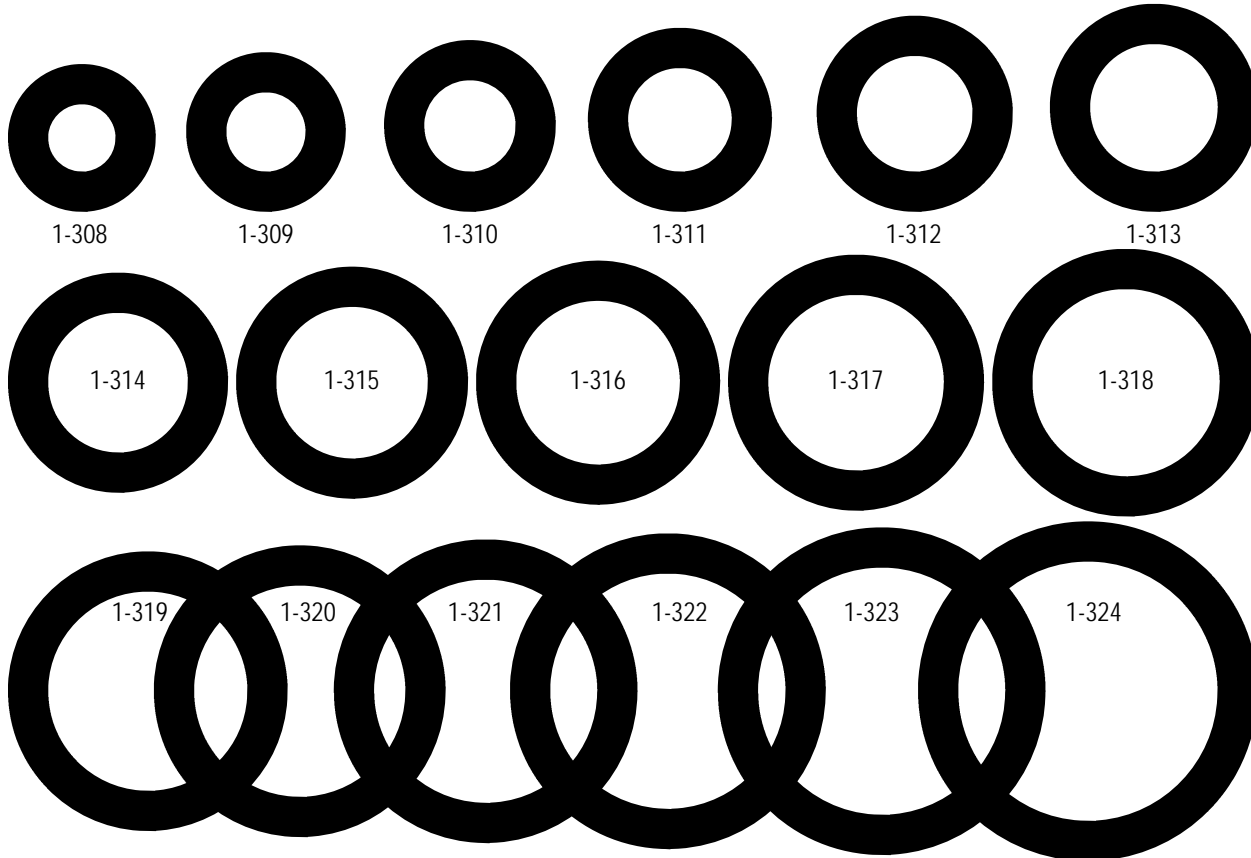


Standard Size

O-Rings

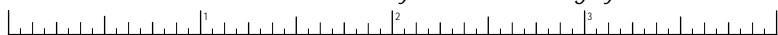


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-308	3/8	3/4	3/16	0.350 ±.005	.210 ±.005	0.770	
1-309	7/16	13/16	3/16	0.412	.210	0.832	AS568-309
1-310	1/2	7/8	3/16	0.475	.210	0.895	AS568-310
1-311	9/16	15/16	3/16	0.537 ±.007	.210	0.959	AS568-311
1-312	5/8	1	3/16	0.600 ±.009	.210	1.022	AS568-312
1-313	11/16	1 1/16	3/16	0.662	.210	1.084	AS568-313
1-314	3/4	1 1/8	3/16	0.725 ±.010	.210	1.147	AS568-314
1-315	13/16	1 3/16	3/16	0.787	.210	1.209	AS568-315
1-316	7/8	1 1/4	3/16	0.850	.210	1.272	AS568-316
1-317	15/16	1 5/16	3/16	0.912	.210	1.334	AS568-317
1-318	1	1 3/8	3/16	0.975	.210	1.395	AS568-318
1-319	1 1/16	1 7/16	3/16	1.037	.210	1.457	AS568-319
1-320	1 1/8	1 1/2	3/16	1.100 ±.012	.210	1.520	AS568-320
1-321	1 3/16	1 9/16	3/16	1.162	.210	1.582	AS568-321
1-322	1 1/4	1 5/8	3/16	1.225	.210	1.645	AS568-322
1-323	1 5/16	1 11/16	3/16	1.287	.210	1.707	AS568-323
1-324	1 3/8	1 3/4	3/16	1.350	.210	1.770	AS568-324

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

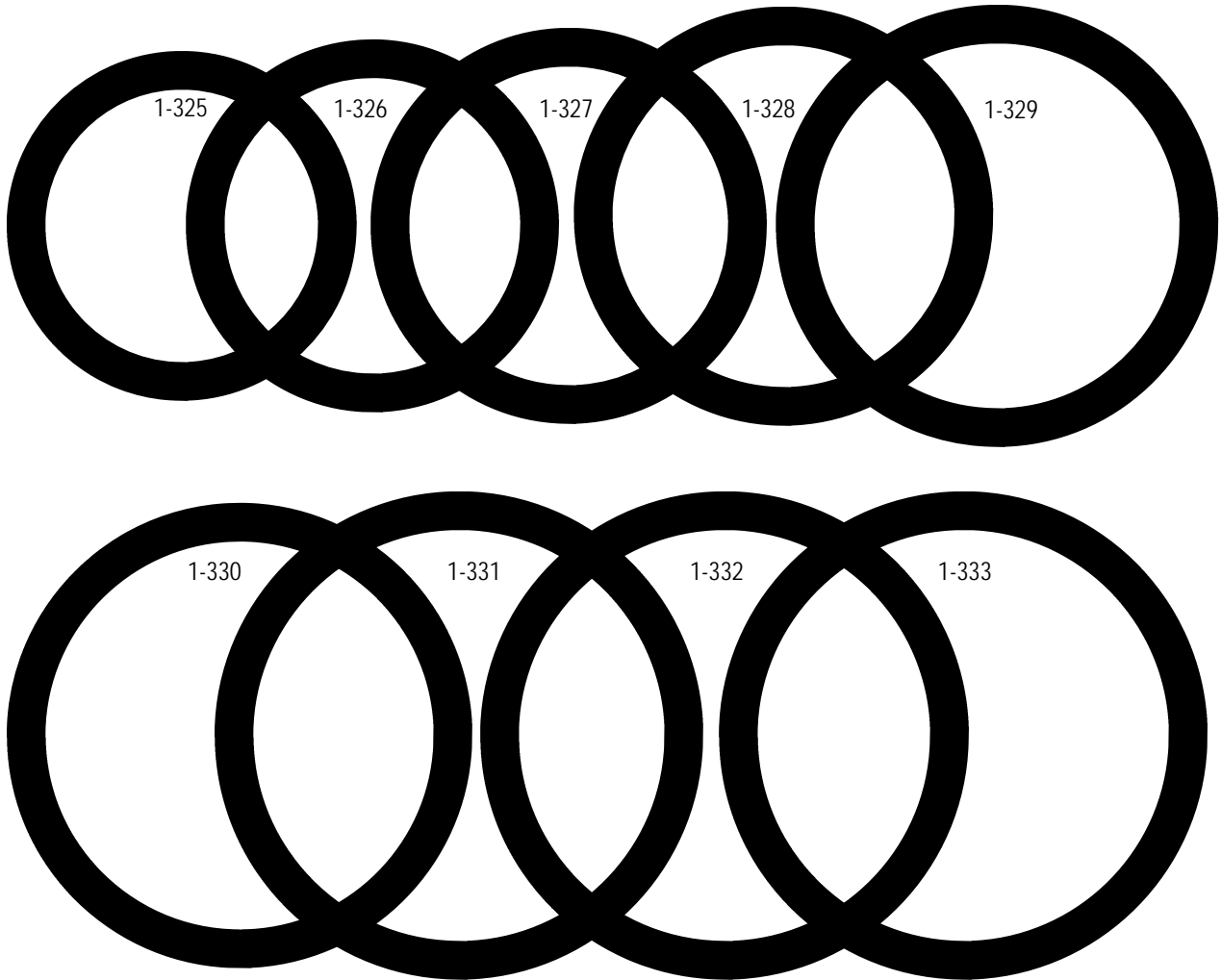


Standard Size

O-Rings

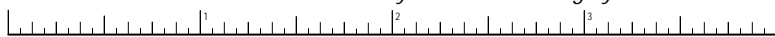


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-325	1 1/2	1 7/8	3/16	1.475 ±.015	.210	1.895	AS568-325
1-326	1 5/8	2	3/16	1.600	.210	2.020	AS568-326
1-327	1 3/4	2 1/8	3/16	1.725	.210	2.145	AS568-327
1-328	1 7/8	2 1/4	3/16	1.850	.210	2.270	AS568-328
1-329	2	2 3/8	3/16	1.975 ±.018	.210	2.395	AS568-329
1-330	2 1/8	2 1/2	3/16	2.100	.210	2.520	AS568-330
1-331	2 1/4	2 5/8	3/16	2.225	.210	2.645	AS568-331
1-332	2 3/8	2 3/4	3/16	2.350	.210	2.770	AS568-332
1-333	2 1/2	2 7/8	3/16	2.475 ±.020	.210	2.895	AS568-333

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

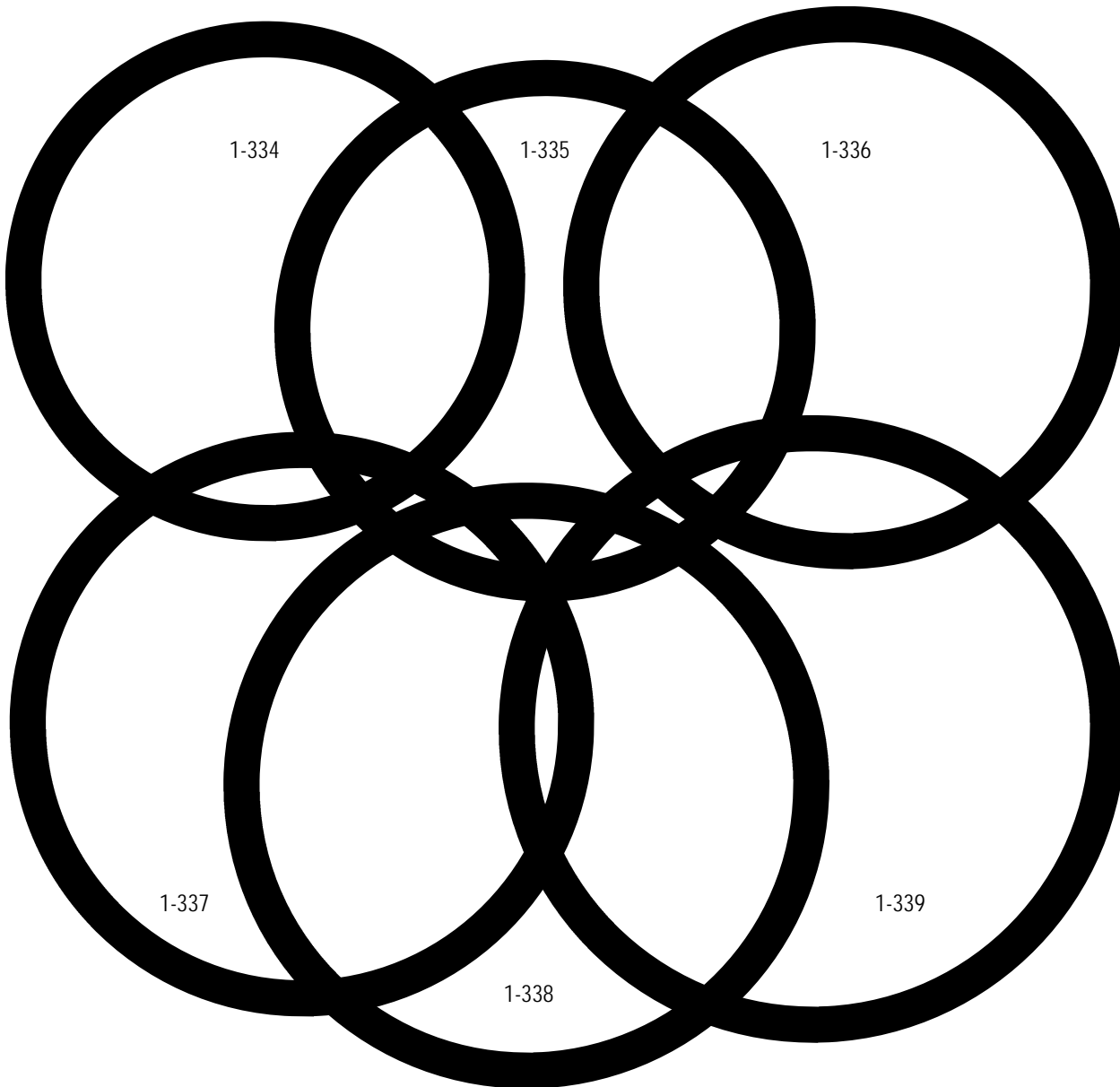


Standard Size

# O-Rings

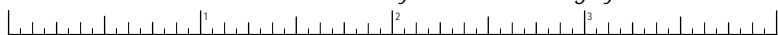


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
<b>1-334</b>	2 5/8	3	3/16	2.600 ±.020	.210	3.020	AS568-334
<b>1-335</b>	2 3/4	3 1/8	3/16	2.725	.210	3.145	AS568-335
<b>1-336</b>	2 7/8	3 1/4	3/16	2.850	.210	3.270	AS568-336
<b>1-337</b>	3	3 3/8	3/16	2.975 ±.024	.210	3.395	AS568-337
<b>1-338</b>	3 1/8	3 1/2	3/16	3.100	.210	3.520	AS568-338
<b>1-339</b>	3 1/4	3 5/8	3/16	3.225	.210	3.645	AS568-339

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



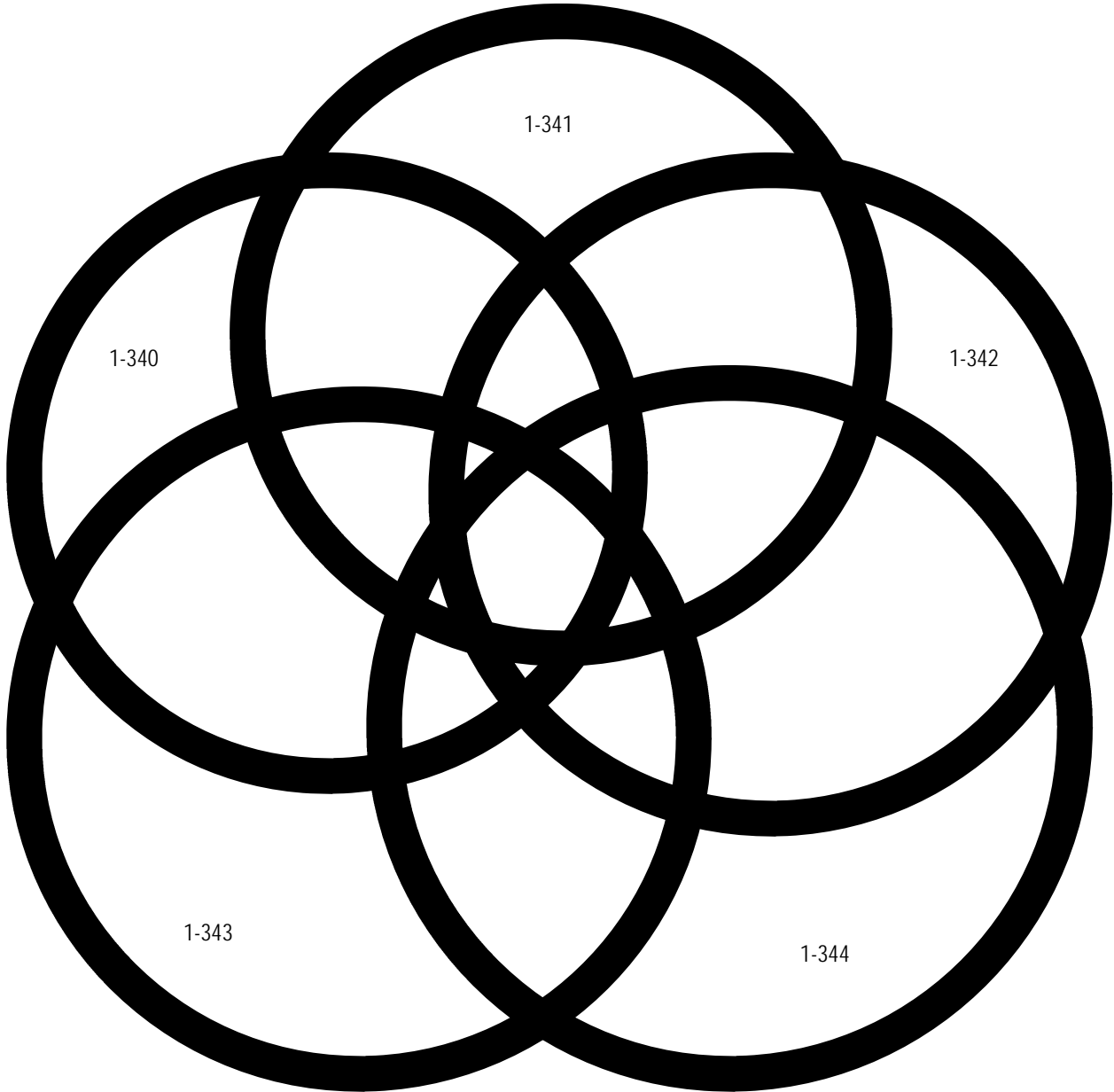


Standard Size

O-Rings

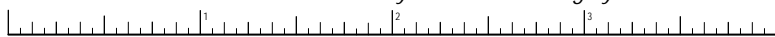


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-340	3 3/8	3 3/4	3/16	3.350 ±.024	.210	3.770	AS568-340
1-341	3 1/2	3 7/8	3/16	3.475	.210	3.895	AS568-341
1-342	3 5/8	4	3/16	3.600 ±.028	.210	4.020	AS568-342
1-343	3 3/4	4 1/8	3/16	3.725	.210	4.145	AS568-343
1-344	3 7/8	4 1/4	3/16	3.850	.210	4.270	AS568-344

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



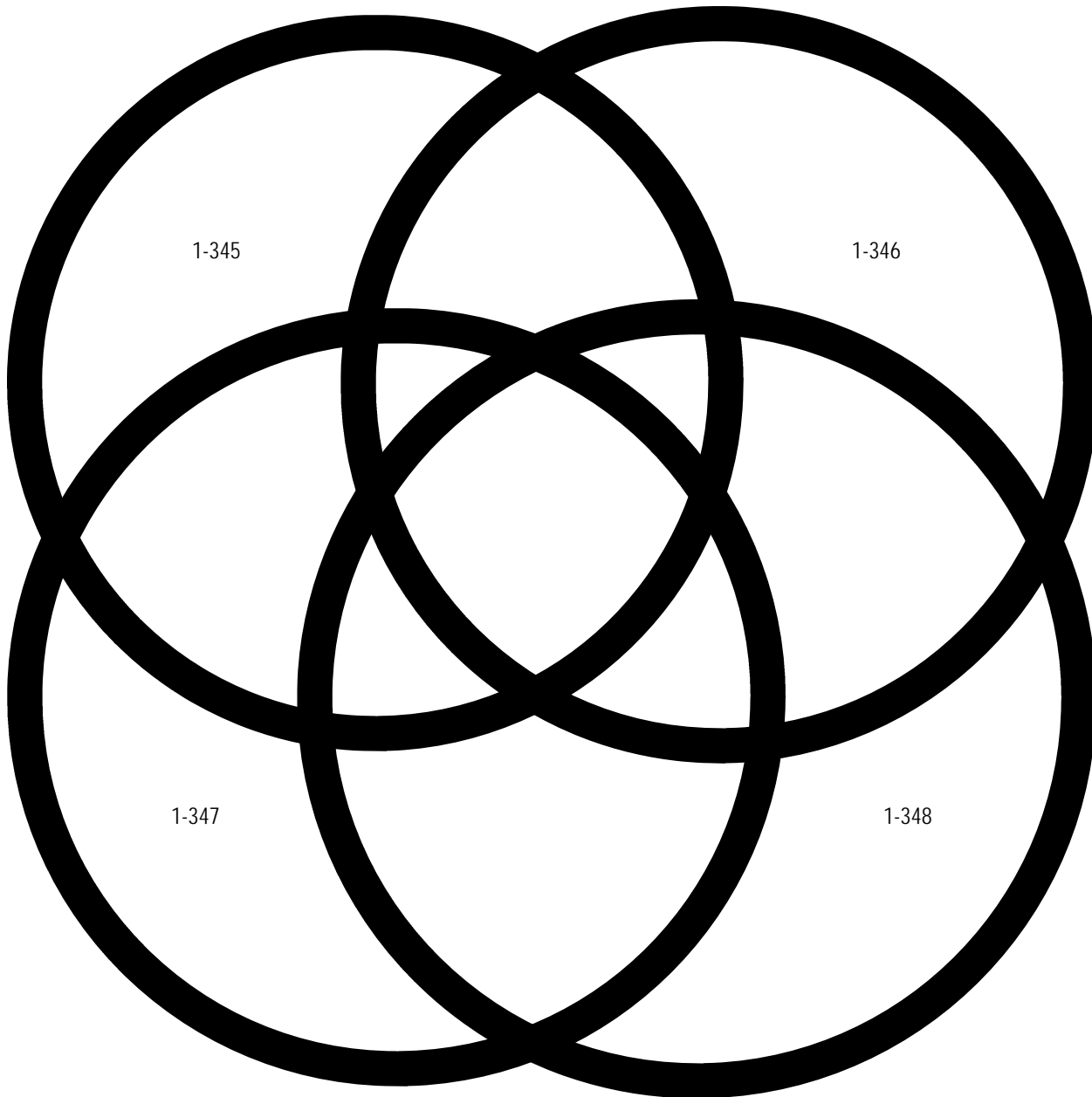


Standard Size

# O-Rings

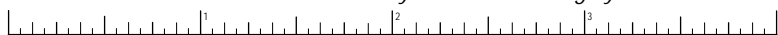


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-345	4	4 3/8	3/16	3.975 ±.028	.210	4.395	AS568-345
1-346	4 1/8	4 1/2	3/16	4.100	.210	4.520	AS568-346
1-347	4 1/4	4 5/8	3/16	4.225 ±.030	.210	4.645	AS568-347
1-348	4 3/8	4 3/4	3/16	4.350	.210	4.770	AS568-348

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)

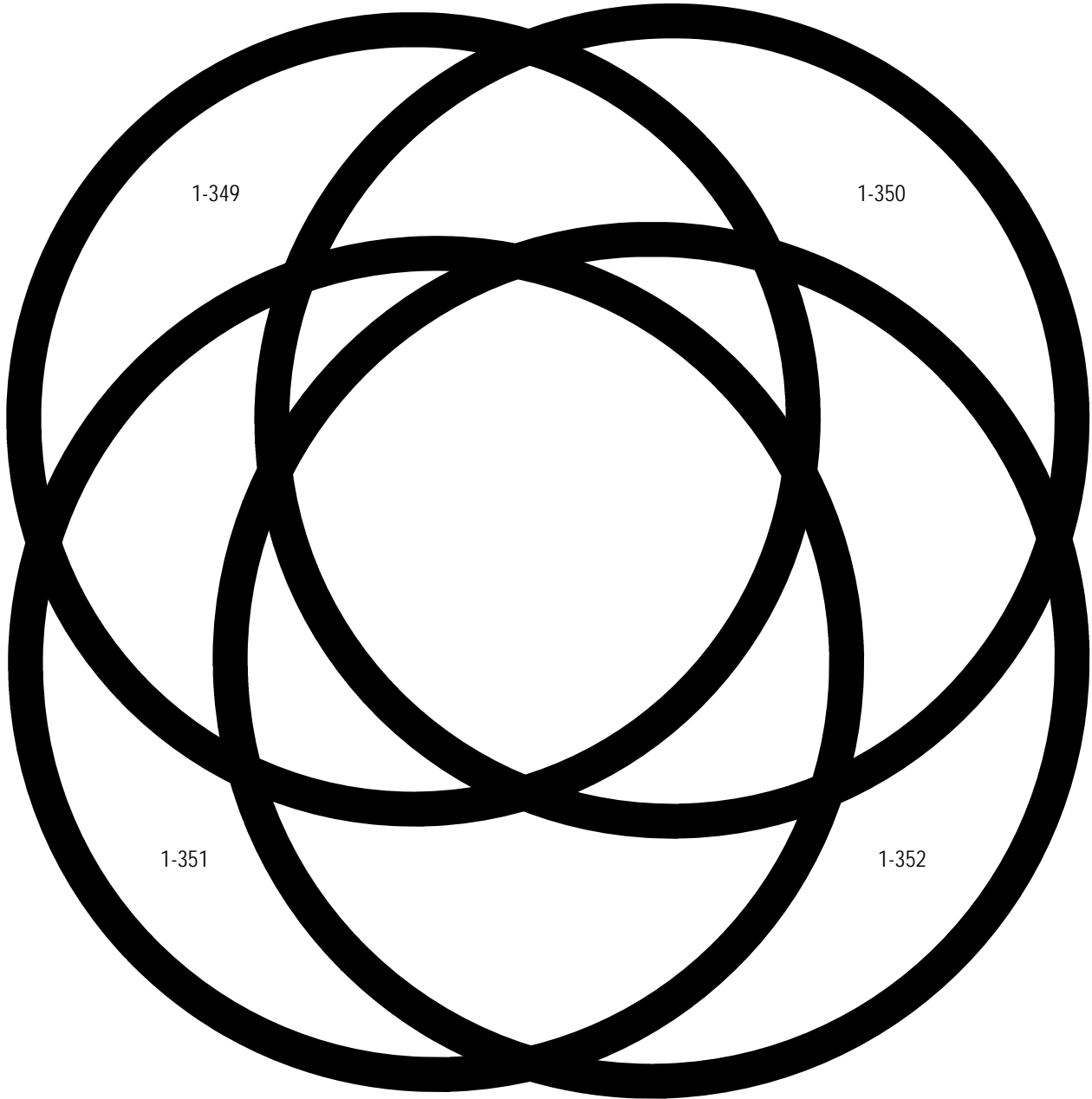


Standard Size

# O-Rings

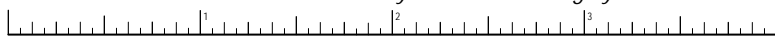


3/16" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-349	4 1/2	4 7/8	3/16	4.475 ±.030	.210	4.895	AS568-349
1-350	4 5/8	5	3/16	4.600	.210	5.020	AS568-350
1-351	4 3/4	5 1/8	3/16	4.725	.210	5.145	AS568-351
1-352	4 7/8	5 1/4	3/16	4.850	.210	5.270	AS568-352

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



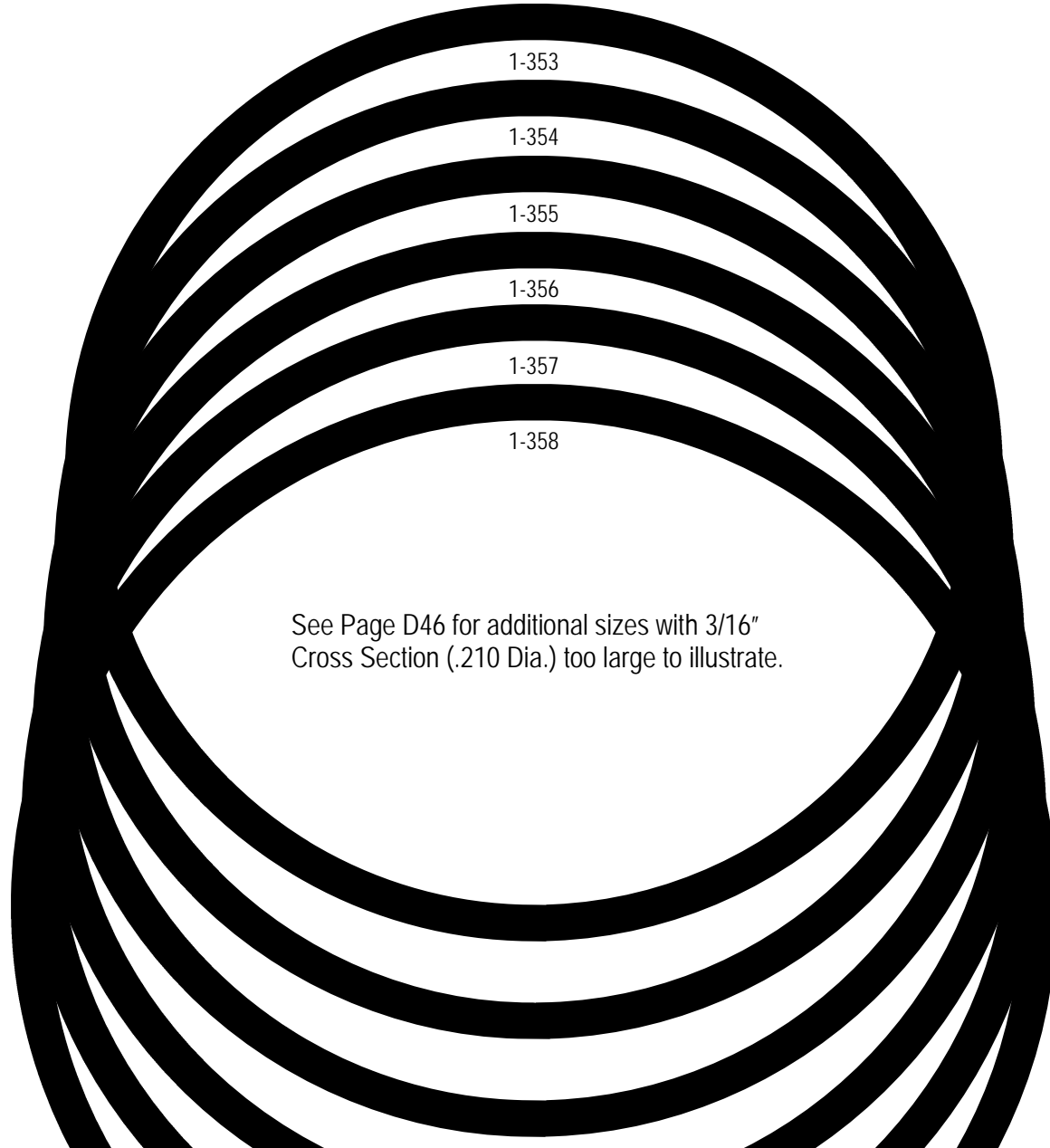


Standard Size

# O-Rings



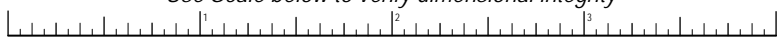
3/16" Cross Section



See Page D46 for additional sizes with 3/16" Cross Section (.210 Dia.) too large to illustrate.

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-353	5	5 3/8	3/16	4.975 ±.037	.210	5.395	AS568-353
1-354	5 1/8	5 1/2	3/16	5.100	.210	5.520	AS568-354
1-355	5 1/4	5 5/8	3/16	5.225	.210	5.645	AS568-355
1-356	5 3/8	5 3/4	3/16	5.350	.210	5.770	AS568-356

Use Scale below to verify dimensional integrity



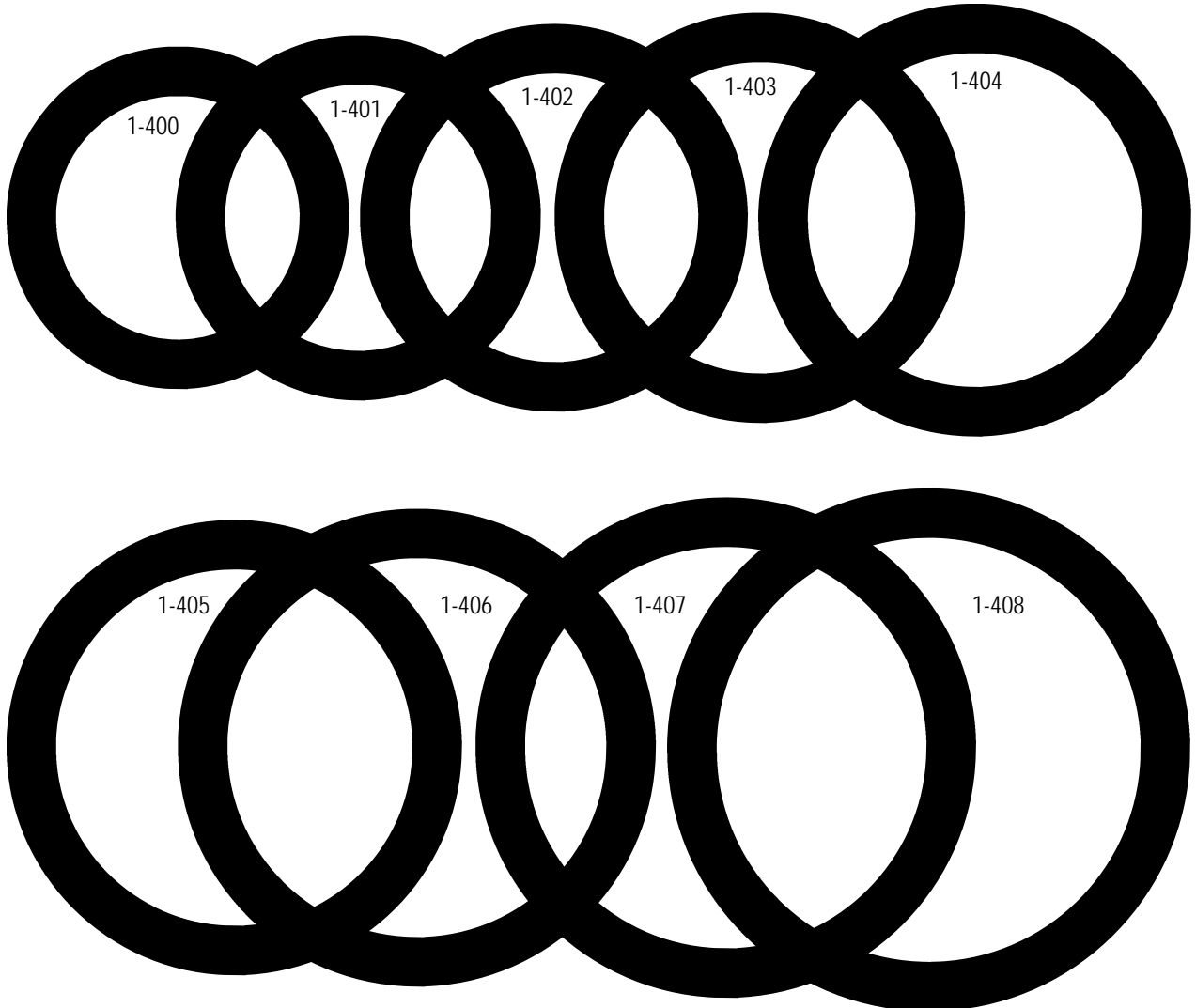


Standard Size

O-Rings

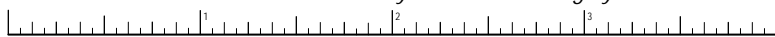


1/4" Cross Section



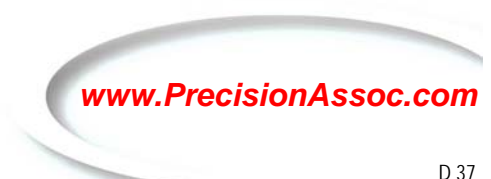
Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-400	1 3/8	1 7/8	1/4	1.350 ±.012	.275 ±.006	1.900	
1-401	1 1/2	2	1/4	1.475 ±.015	.275	2.025	
1-402	1 5/8	2 1/8	1/4	1.600	.275	2.150	
1-403	1 3/4	2 1/4	1/4	1.725	.275	2.275	
1-404	1 7/8	2 3/8	1/4	1.850	.275	2.400	
1-405	2	2 1/2	1/4	1.975 ±.018	.275	2.525	
1-406	2 1/8	2 5/8	1/4	2.100	.275	2.650	
1-407	2 1/4	2 3/4	1/4	2.225	.275	2.775	
1-408	2 3/8	2 7/8	1/4	2.350	.275	2.900	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



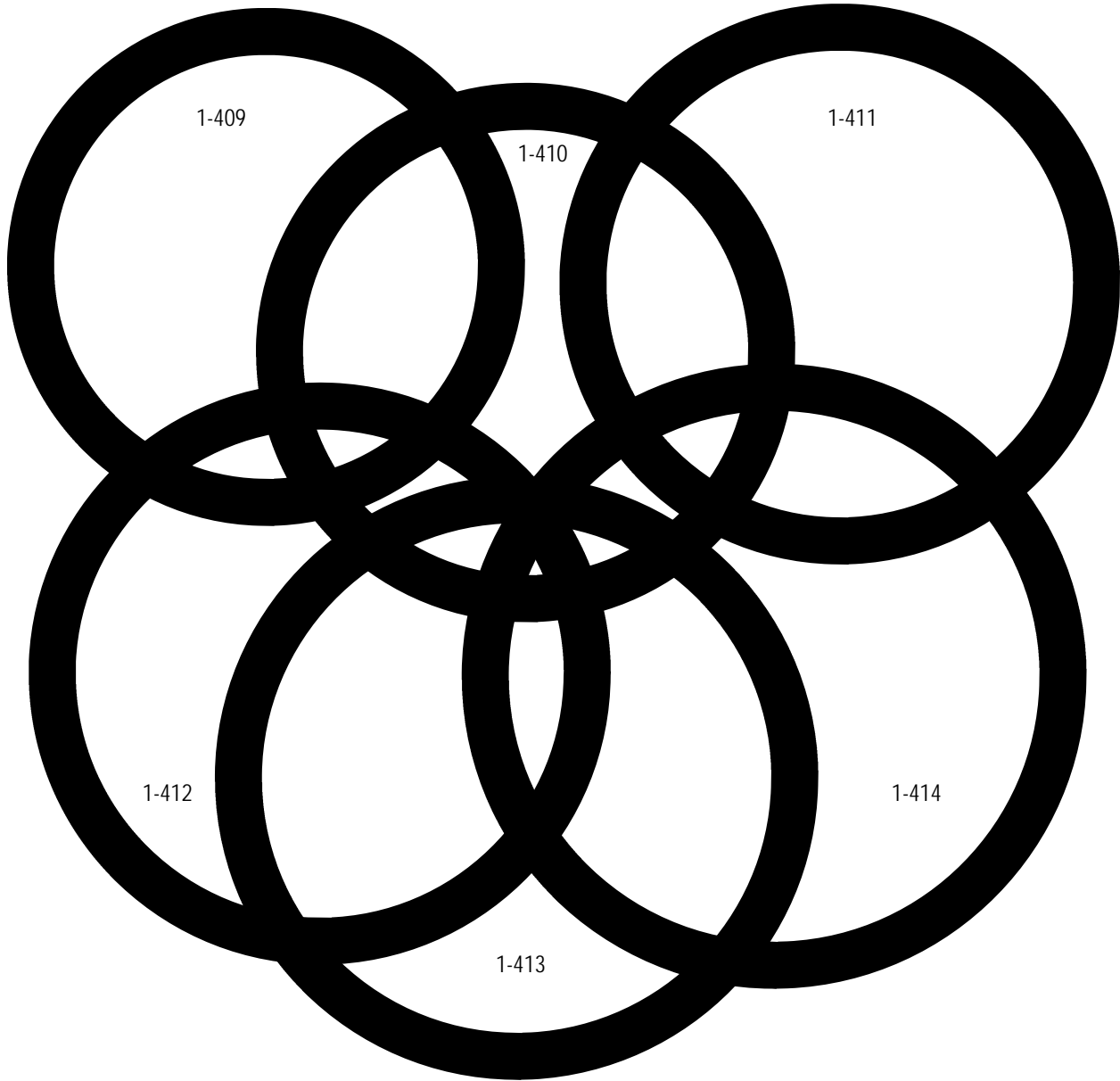


Standard Size

# O-Rings

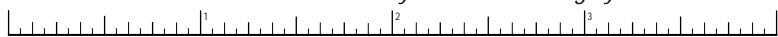


1/4" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-409	2 1/2	3	1/4	2.475 ±.020	.275 ±.006	3.025	
1-410	2 5/8	3 1/8	1/4	2.600	.275	3.150	
1-411	2 3/4	3 1/4	1/4	2.725	.275	3.275	
1-412	2 7/8	3 3/8	1/4	2.850	.275	3.400	
1-413	3	3 1/2	1/4	2.975 ±.024	.275	3.525	
1-414	3 1/8	3 5/8	1/4	3.100	.275	3.650	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

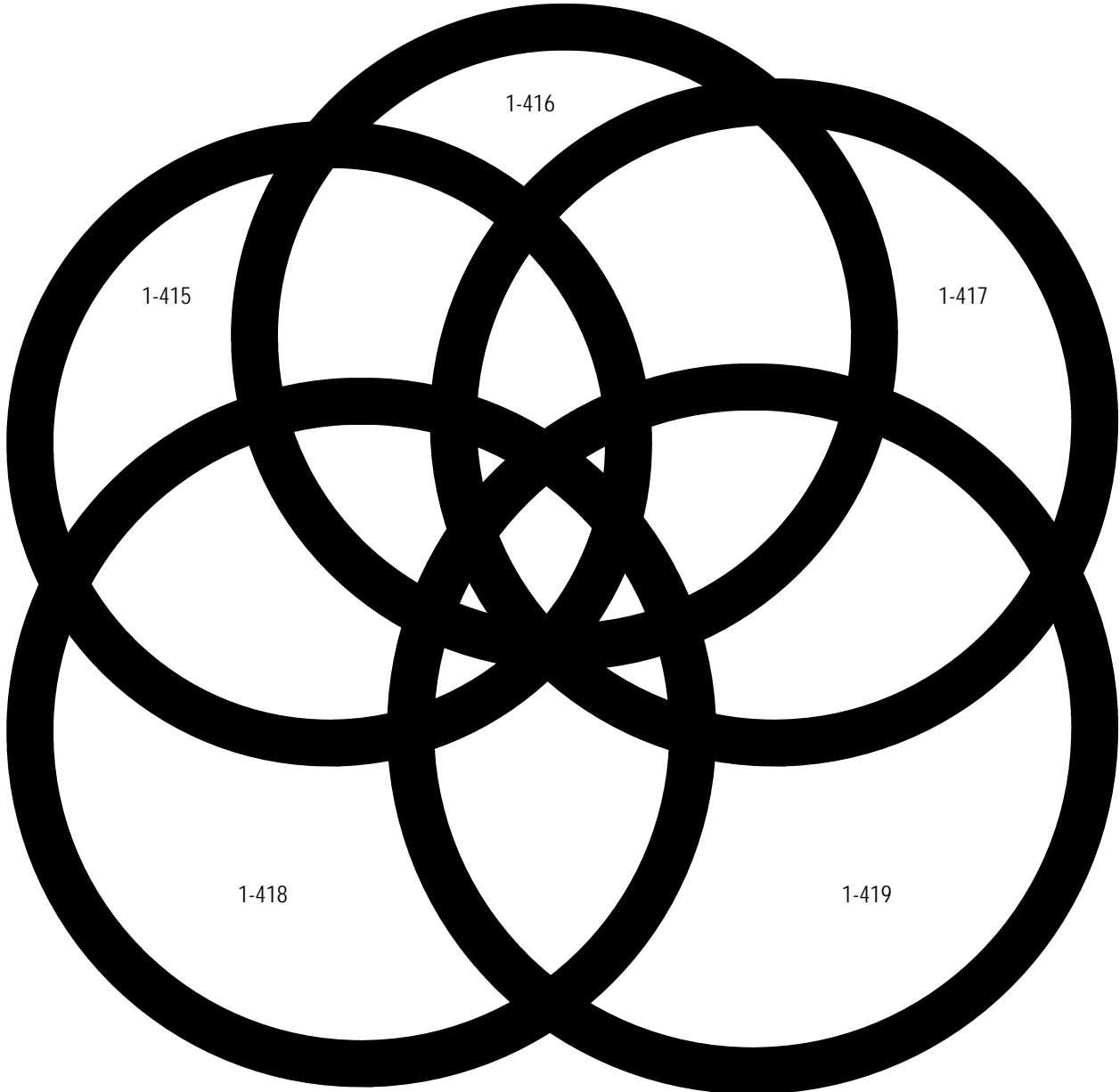
[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings



1/4" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-415	3 1/4	3 3/4	1/4	3.225 ±.024	.275 ±.006	3.775	
1-416	3 3/8	3 7/8	1/4	3.350	.275	3.900	
1-417	3 1/2	4	1/4	3.475	.275	4.025	
1-418	3 5/8	4 1/8	1/4	3.600 ±.028	.275	4.150	
1-419	3 3/4	4 1/4	1/4	3.725	.275	4.275	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590



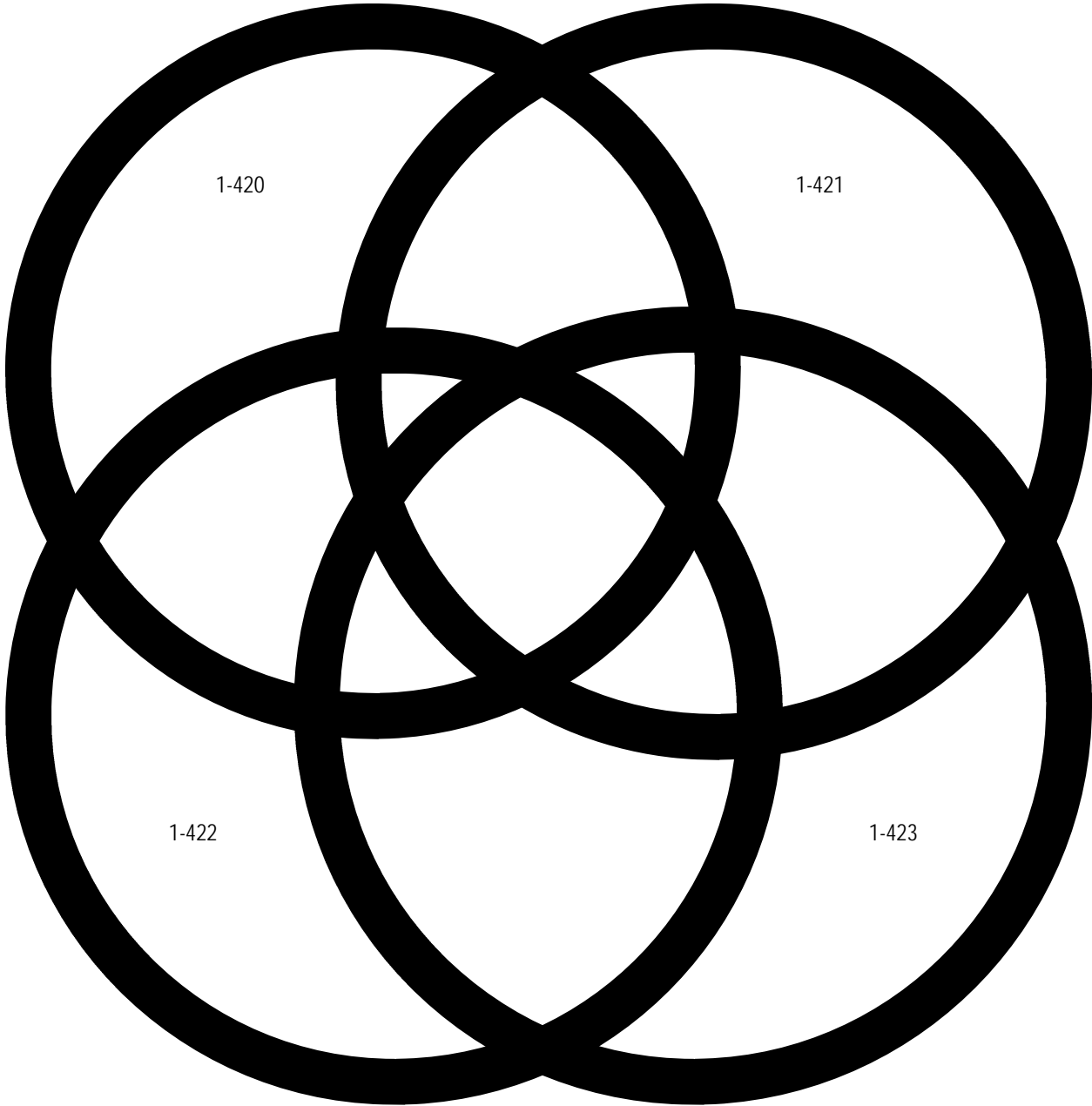


Standard Size

# O-Rings

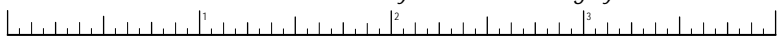


1/4" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-420	3 7/8	4 3/8	1/4	3.850 ±.028	.275 ±.006	4.400	
1-421	4	4 1/2	1/4	3.975	.275	4.525	
1-422	4 1/8	4 5/8	1/4	4.100	.275	4.650	
1-423	4 1/4	4 3/4	1/4	4.225 ±.030	.275	4.775	

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



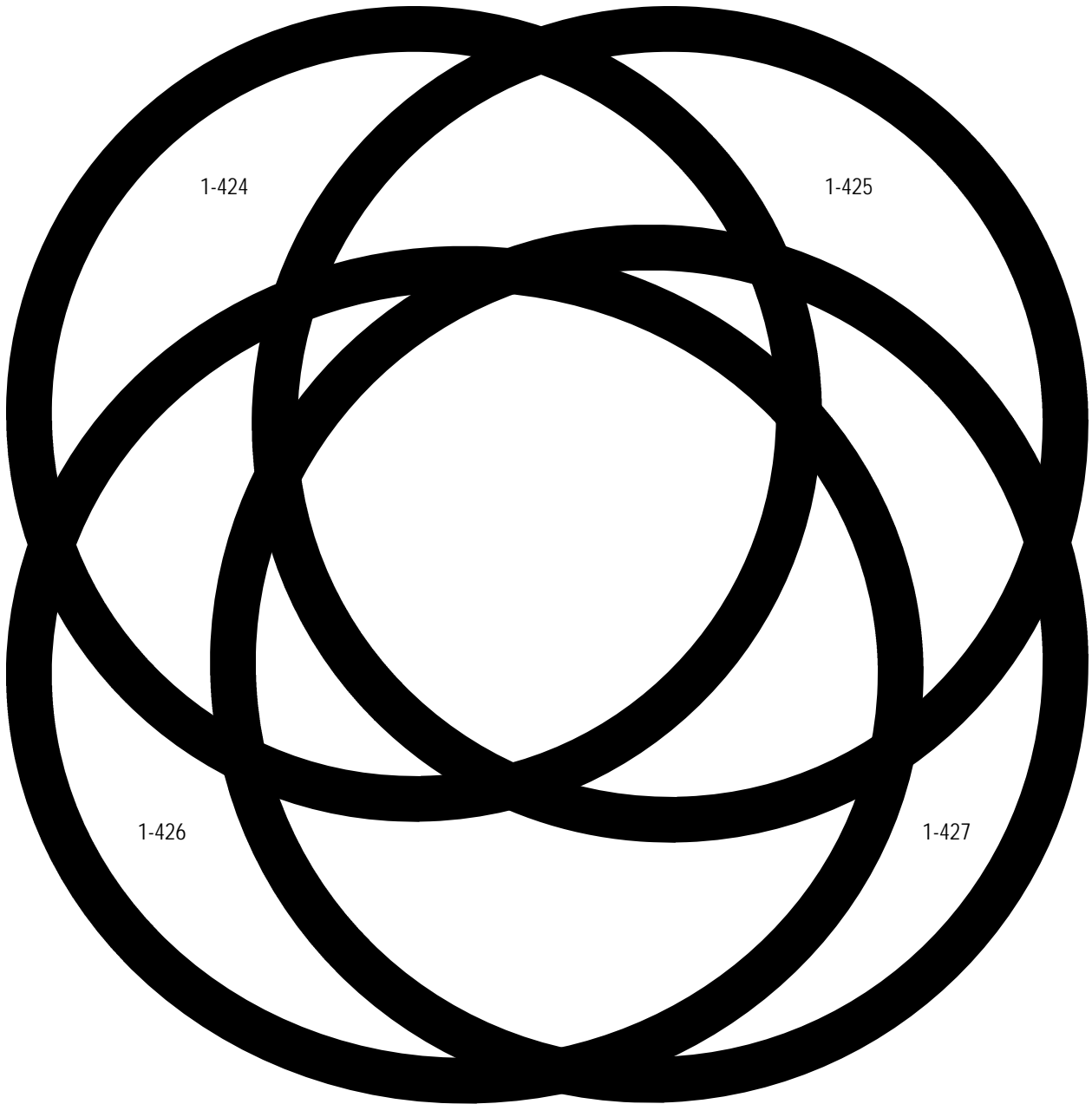


Standard Size

# O-Rings

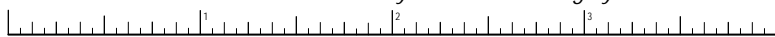


1/4" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-424	4 3/8	4 7/8	1/4	4.350 ±.030	.275 ±.006	4.900	
1-425	4 1/2	5	1/4	4.475 ±.033	.275	5.025	AS568-425
1-426	4 5/8	5 1/8	1/4	4.600	.275	5.150	AS568-426
1-427	4 3/4	5 1/4	1/4	4.725	.275	5.275	AS568-427

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

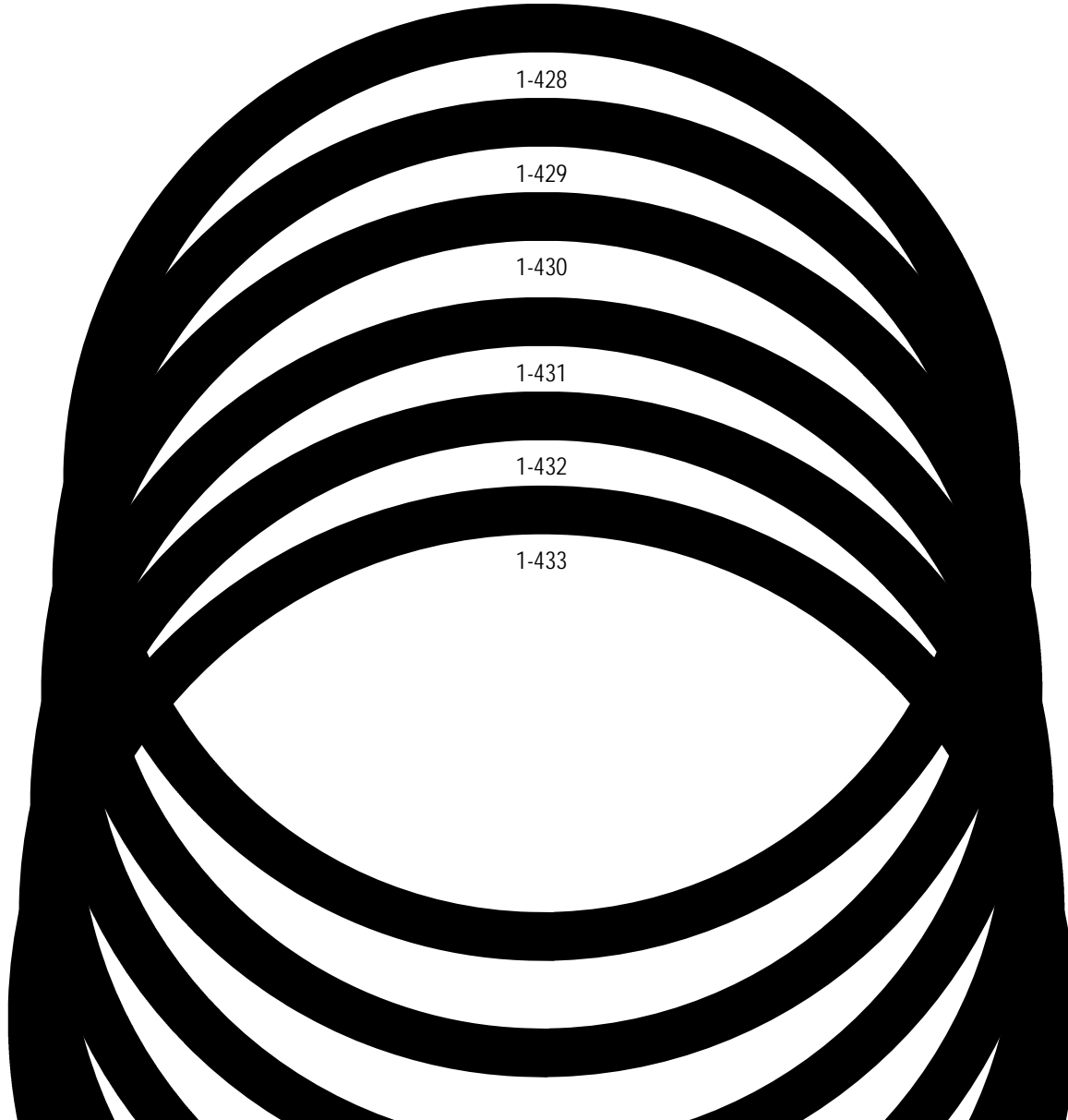




Standard Size  
O-Rings

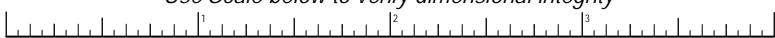


1/4" Cross Section



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-428	4 7/8	5 3/8	1/4	4.850 ±.033	.275 ±.006	5.400	AS568-428
1-429	5	5 1/2	1/4	4.975 ±.037	.275	5.525	AS568-429
1-430	5 1/8	5 5/8	1/4	5.100	.275	5.650	AS568-430
1-431	5 1/4	5 3/4	1/4	5.225	.275	5.775	AS568-431
1-432	5 3/8	5 7/8	1/4	5.350	.275	5.900	AS568-432
1-433	5 1/2	6	1/4	5.475	.275	6.025	AS568-433

Use Scale below to verify dimensional integrity

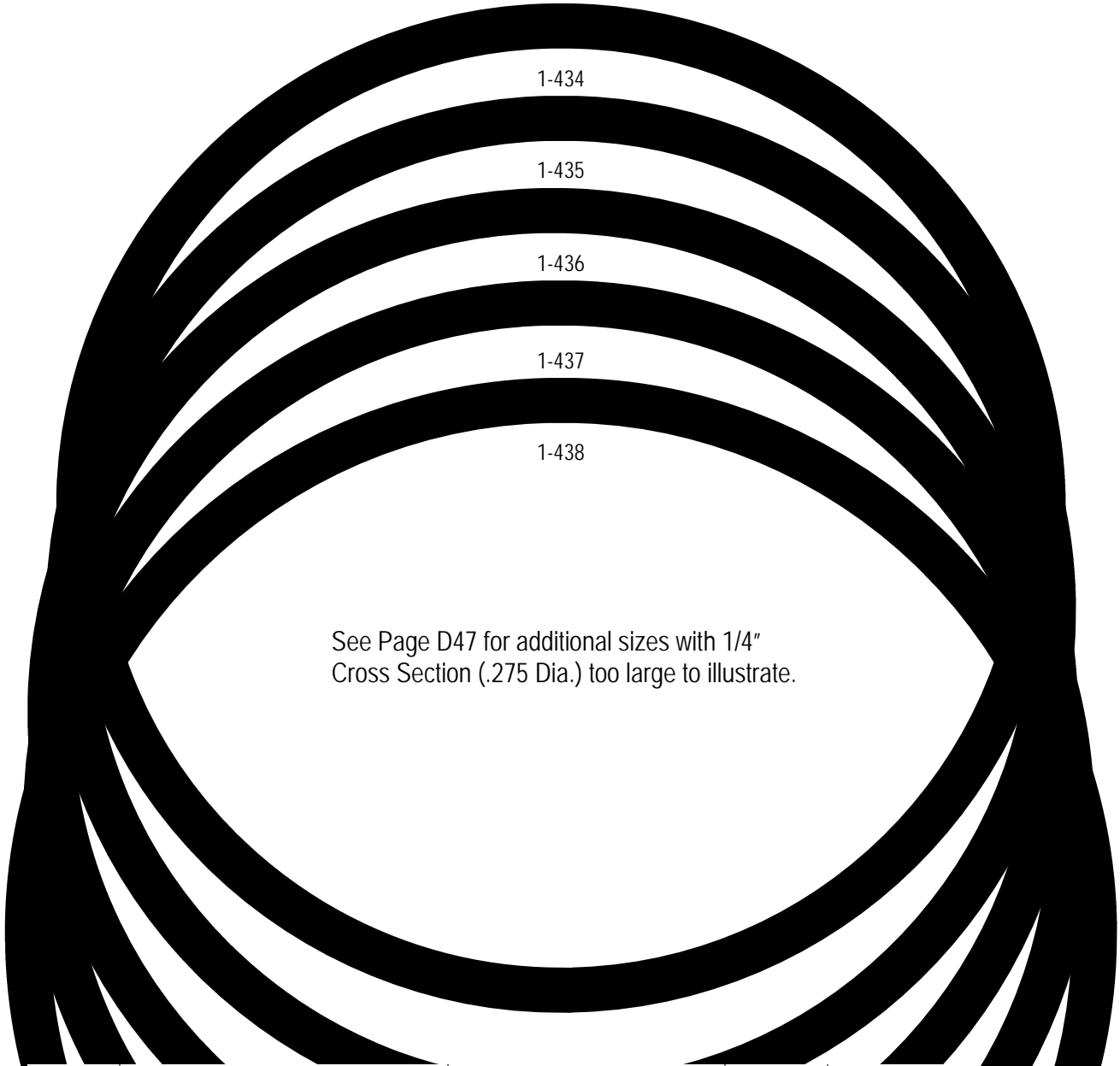




Standard Size  
O-Rings



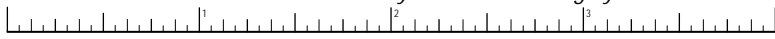
1/4" Cross Section



See Page D47 for additional sizes with 1/4" Cross Section (.275 Dia.) too large to illustrate.

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D	C/S		
1-434	5 5/8	6 1/8	1/4	5.600 ±.037	.275 ±.006	6.150	AS568-434
1-435	5 3/4	6 1/4	1/4	5.725	.275	6.275	AS568-435
1-436	5 7/8	6 3/8	1/4	5.850	.275	6.400	AS568-436
1-437	6	6 1/2	1/4	5.975	.275	6.525	AS568-437
1-438	6 1/4	6 3/4	1/4	6.225 ±.040	.275	6.775	AS568-438

Use Scale below to verify dimensional integrity

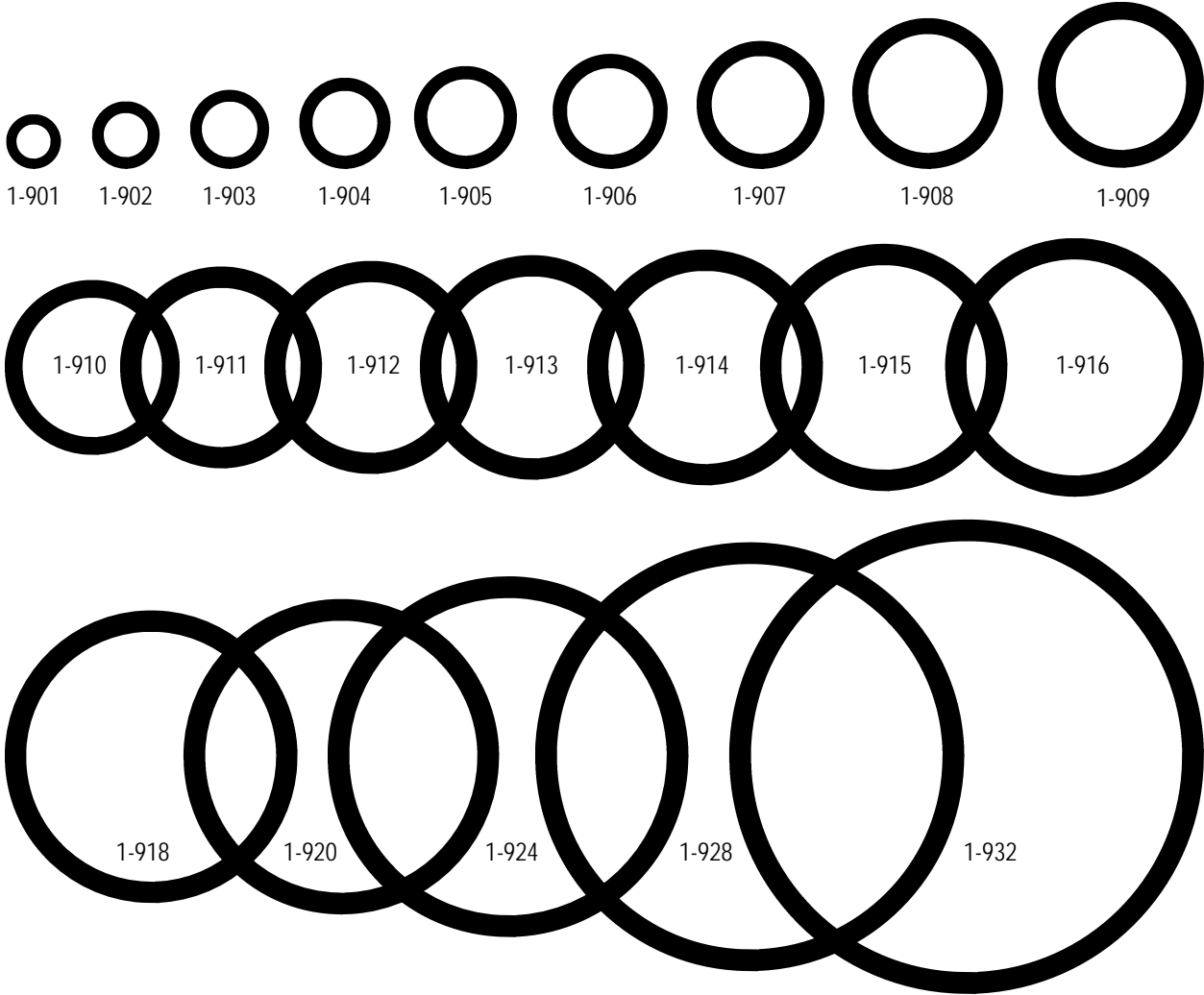




Standard Size

O-Rings

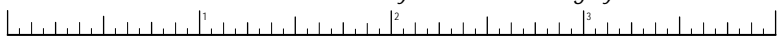
Tube & Boss



Mold IDen	Tube Size	Actual Dimensions		O.D. (Ref)	Spec
		I.D	C/S		
1-901	3/32	.185 ±.005	.056 ±.003	.297	AS568-901
1-902	1/8	.239	.064	.367	AS568-902
1-903	3/16	.301	.064	.429	AS568-903
1-904	1/4	.351	.072	.495	AS568-904
1-905	5/16	.414	.072	.558	AS568-905
1-906	3/8	.468	.078	.624	AS568-906
1-907	7/16	.530	.082	.694	AS568-907
1-908	1/2	.644 ±.009	.087	.818	AS568-908
1-909	9/16	.706	.097	.900	AS568-909
1-910	5/8	.755	.097	.949	AS568-910
1-911	11/16	.863 ±.010	.116 ±.004	1.095	AS568-911

Mold IDen	Tube Size	Actual Dimensions		O.D. (Ref)	Spec
		I.D	C/S		
1-912	3/4	.924 ±.010	.116 ±.004	1.156	AS568-912
1-913	13/16	.986	.116	1.218	AS568-913
1-914	7/8	1.047	.116	1.279	AS568-914
1-915	15/16	1.109 ±.012	.116	1.341	
1-916	1	1.171	.116	1.403	AS568-916
1-918	1 1/8	1.355	.116	1.587	AS568-918
1-920	1 1/4	1.475	.118	1.711	AS568-920
1-924	1 1/2	1.720 ±.015	.118	1.956	AS568-924
1-928	1 3/4	2.090 ±.018	.118	2.326	AS568-928
1-932	2	2.337 ±.020	.118	2.573	AS568-932

Use Scale below to verify dimensional integrity



Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size  
O-Rings  
Large Diameter



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-057	7	7 1/8	1/16	6.989 ±.040	.070 ±.003	7.129	
1-058	7 1/4	7 3/8	1/16	7.239 ±.045	.070	7.379	
1-059	7 1/2	7 5/8	1/16	7.489	.070	7.629	
1-060	7 3/4	7 7/8	1/16	7.739	.070	7.879	
1-061	8	8 1/8	1/16	7.989	.070	8.129	

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-166	6 3/4	6 15/16	3/32	6.737 ±.040	.103 ±.003	6.943	AS568-166
1-167	7	7 3/16	3/32	6.987	.103	7.193	AS568-167
1-168	7 1/4	7 7/16	3/32	7.237 ±.045	.103	7.443	AS568-168
1-169	7 1/2	7 11/16	3/32	7.487	.103	7.693	AS568-169
1-170	7 3/4	7 15/16	3/32	7.737	.103	7.943	AS568-170
1-171	8	8 3/16	3/32	7.987	.103	8.193	AS568-171
1-172	8 1/4	8 7/16	3/32	8.237 ±.050	.103	8.443	AS568-172
1-173	8 1/2	8 11/16	3/32	8.487	.103	8.693	AS568-173
1-174	8 3/4	8 15/16	3/32	8.737	.103	8.943	AS568-174
1-175	9	9 3/16	3/32	8.987	.103	9.193	AS568-175
1-176	9 1/4	9 7/16	3/32	9.237 ±.055	.103	9.443	AS568-176
1-177	9 1/2	9 11/16	3/32	9.487	.103	9.693	AS568-177
1-178	9 3/4	9 15/16	3/32	9.737	.103	9.943	AS568-178
1-179	10	10 3/16	3/32	9.987	.103	10.193	

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-261	6 3/4	7	1/8	6.734 ±.040	.139 ±.004	7.012	AS568-261
1-262	7	7 1/4	1/8	6.984	.139	7.262	AS568-262
1-263	7 1/4	7 1/2	1/8	7.234 ±.045	.139	7.512	AS568-263
1-264	7 1/2	7 3/4	1/8	7.484	.139	7.762	AS568-264
1-265	7 3/4	8	1/8	7.734	.139	8.012	AS568-265
1-266	8	8 1/4	1/8	7.984	.139	8.262	AS568-266
1-267	8 1/4	8 1/2	1/8	8.234 ±.050	.139	8.512	AS568-267
1-268	8 1/2	8 3/4	1/8	8.484	.139	8.762	AS568-268
1-269	8 3/4	9	1/8	8.734	.139	9.012	AS568-269
1-270	9	9 1/4	1/8	8.984	.139	9.262	AS568-270
1-271	9 1/4	9 1/2	1/8	9.234 ±.055	.139	9.512	AS568-271
1-272	9 1/2	9 3/4	1/8	9.484	.139	9.762	AS568-272
1-273	9 3/4	10	1/8	9.734	.139	10.012	AS568-273
1-274	10	10 1/4	1/8	9.984	.139	10.262	AS568-274
1-275	10 1/2	10 3/4	1/8	10.484	.139	10.762	AS568-275
1-276	11	11 1/4	1/8	10.984 ±.065	.139	11.262	AS568-276
1-277	11 1/2	11 3/4	1/8	11.484	.139	11.762	AS568-277
1-278	12	12 1/4	1/8	11.984	.139	12.262	AS568-278
1-279	13	13 1/4	1/8	12.984	.139	13.262	AS568-279
1-280	14	14 1/4	1/8	13.984	.139	14.262	AS568-280

Precision Associates, Inc.  
3800 N. Washington Ave.  
Minneapolis, MN 55412

Phone: (612) 333-7464  
Fax: (612) 342-2417  
Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)



Standard Size

O-Rings

Large Diameter



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-281	15	15 1/4	1/8	14.984 ±.065	.139 ±.004	15.262	AS568-281
1-282	16	16 1/4	1/8	15.955 ±.075	.139	16.233	AS568-282
1-283	17	17 1/4	1/8	16.955 ±.080	.139	17.233	AS568-283
1-284	18	18 1/4	1/8	17.955 ±.085	.139	18.233	AS568-284
1-286	20	20 1/4	1/8	19.960 ±.090	.139	20.238	

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-357	5 1/2	5 7/8	3/16	5.475 ±.037	.210 ±.005	5.895	AS568-357
1-358	5 5/8	6	3/16	5.600	.210	6.020	AS568-358
1-359	5 3/4	6 1/8	3/16	5.725	.210	6.145	AS568-359
1-360	5 7/8	6 1/4	3/16	5.850	.210	6.270	AS568-360
1-361	6	6 3/8	3/16	5.975	.210	6.395	AS568-361
1-362	6 1/4	6 5/8	3/16	6.225 ±.040	.210	6.645	AS568-362
1-363	6 1/2	6 7/8	3/16	6.475	.210	6.895	AS568-363
1-364	6 3/4	7 1/8	3/16	6.725	.210	7.145	AS568-364
1-365	7	7 3/8	3/16	6.975	.210	7.395	AS568-365
1-366	7 1/4	7 5/8	3/16	7.225 ±.045	.210	7.645	AS568-366
1-367	7 1/2	7 7/8	3/16	7.475	.210	7.895	AS568-367
1-368	7 3/4	8 1/8	3/16	7.725	.210	8.145	AS568-368
1-369	8	8 3/8	3/16	7.975	.210	8.395	AS568-369
1-370	8 1/4	8 5/8	3/16	8.225 ±.050	.210	8.645	AS568-370
1-371	8 1/2	8 7/8	3/16	8.475	.210	8.895	AS568-371
1-372	8 3/4	9 1/8	3/16	8.725	.210	9.145	AS568-372
1-373	9	9 3/8	3/16	8.975	.210	9.395	AS568-373
1-374	9 1/4	9 5/8	3/16	9.225 ±.055	.210	9.645	AS568-374
1-375	9 1/2	9 7/8	3/16	9.475	.210	9.895	AS568-375
1-376	9 3/4	10 1/8	3/16	9.725	.210	10.145	AS568-376
1-377	10	10 3/8	3/16	9.975	.210	10.395	AS568-377
1-378	10 1/2	10 7/8	3/16	10.475 ±.060	.210	10.895	AS568-378
1-379	11	11 3/8	3/16	10.975	.210	11.395	AS568-379
1-380	11 1/2	11 7/8	3/16	11.475 ±.065	.210	11.895	AS568-380
1-381	12	12 3/8	3/16	11.975	.210	12.395	AS568-381
1-382	13	13 3/8	3/16	12.975	.210	13.395	AS568-382
1-383	14	14 3/8	3/16	13.975 ±.070	.210	14.395	AS568-383
1-384	15	15 3/8	3/16	14.975	.210	15.395	AS568-384
1-385	16	16 3/8	3/16	15.955	.210	16.375	AS568-385
1-386	17	17 3/8	3/16	16.955 ±.080	.210	17.375	AS568-386
1-387	18	18 3/8	3/16	17.955 ±.085	.210	18.375	AS568-387
1-388	19	19 3/8	3/16	18.955 ±.090	.210	19.375	AS568-388
1-389	20	20 3/8	3/16	19.955 ±.095	.210	20.375	AS568-389
1-390	21	21 3/8	3/16	20.955	.210	21.375	AS568-390
1-391	22	22 3/8	3/16	21.955	.210	22.373	AS568-391
1-392	23	23 3/8	3/16	22.940 ±.105	.210	23.360	AS568-392



Standard Size  
**O-Rings**  
 Large Diameter



Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-393	24	24 3/8	3/16	23.940 ±.110	.210 ±.005	24.360	AS568-393
1-394	25	25 3/8	3/16	24.940 ±.115	.210	25.360	AS568-394
1-395	26	26 3/8	3/16	25.940 ±.120	.210	26.360	AS568-395
1-396	27	27 3/8	3/16	26.965	.210	27.385	

Mold IDen	Nominal Dimensions			Actual Dimensions		O.D. (Ref)	Specification
	I.D.	O.D.	C/S	I.D.	C/S		
1-439	6 1/2	7	1/4	6.475 ±.040	.275 ±.006	7.025	AS568-439
1-440	6 3/4	7 1/4	1/4	6.725	.275	7.275	AS568-440
1-441	7	7 1/2	1/4	6.975	.275	7.525	AS568-441
1-442	7 1/4	7 3/4	1/4	7.225 ±.045	.275	7.775	AS568-442
1-443	7 1/2	8	1/4	7.475	.275	8.025	AS568-443
1-444	7 3/4	8 1/4	1/4	7.725	.275	8.275	AS568-444
1-445	8	8 1/2	1/4	7.975	.275	8.525	AS568-445
1-446	8 1/2	9	1/4	8.475 ±.055	.275	9.025	AS568-446
1-447	9	9 1/2	1/4	8.975	.275	9.525	AS568-447
1-448	9 1/2	10	1/4	9.475	.275	10.025	AS568-448
1-449	10	10 1/2	1/4	9.975	.275	10.525	AS568-449
1-450	10 1/2	11	1/4	10.475 ±.060	.275	11.025	AS568-450
1-451	11	11 1/2	1/4	10.975	.275	11.525	AS568-451
1-452	11 1/2	12	1/4	11.475	.275	12.025	AS568-452
1-453	12	12 1/2	1/4	11.975	.275	12.525	AS568-453
1-454	12 1/2	13	1/4	12.475	.275	13.025	AS568-454
1-455	13	13 1/2	1/4	12.975	.275	13.525	AS568-455
1-456	13 1/2	14	1/4	13.475 ±.070	.275	14.025	AS568-456
1-457	14	14 1/2	1/4	13.975	.275	14.525	AS568-457
1-458	14 1/2	15	1/4	14.475	.275	15.025	AS568-458
1-459	15	15 1/2	1/4	14.975	.275	15.525	AS568-459
1-460	15 1/2	16	1/4	15.475	.275	16.025	AS568-460
1-461	16	16 1/2	1/4	15.955 ±.075	.275	16.505	AS568-461
1-462	16 1/2	17	1/4	16.455	.275	17.005	AS568-462
1-463	17	17 1/2	1/4	16.955 ±.080	.275	17.505	AS568-463
1-464	17 1/2	18	1/4	17.455 ±.085	.275	18.005	AS568-464
1-465	18	18 1/2	1/4	17.955	.275	18.505	AS568-465
1-466	18 1/2	19	1/4	18.455	.275	19.005	AS568-466
1-467	19	19 1/2	1/4	18.955 ±.090	.275	19.505	AS568-467
1-468	19 1/2	20	1/4	19.455	.275	20.005	AS568-468
1-469	20	20 1/2	1/4	19.955 ±.095	.275	20.505	AS568-469
1-470	21	21 1/2	1/4	20.955	.275	21.505	AS568-470
1-471	22	22 1/2	1/4	21.955 ±.100	.275	22.505	AS568-471
1-472	23	23 1/2	1/4	22.940 ±.105	.275	23.490	AS568-472
1-473	24	24 1/2	1/4	23.940 ±.110	.275	24.490	AS568-473
1-474	25	25 1/2	1/4	24.940 ±.115	.275	25.490	AS568-474
1-475	26	26 1/2	1/4	25.940 ±.120	.275	26.490	AS568-475
1-476	27	27 1/2	1/4	26.955	.275	27.505	

Precision Associates, Inc.  
 3800 N. Washington Ave.  
 Minneapolis, MN 55412

Phone: (612) 333-7464  
 Fax: (612) 342-2417  
 Toll: (800) 394-6590

[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)





3800 North Washington Ave.  
Minneapolis, MN 55412-2142

Toll Free: **1-800-394-6590**

**612-333-7464**

Sales: **612-334-9190**

FAX: **612-342-2417**

*[info@PrecisionAssoc.com](mailto:info@PrecisionAssoc.com)*

Ask us about our complete line of product literature:

- *Standard O-Rings*
- *Special Size O-Rings*
- *U-Cups*
- *V-Rings*
- *Rod Wipers*
- *X-Rings*
- *8-Rings™*
- *Multiseal® Low Friction Seals*
- *Kurv-Bak™ Hard Rubber Backup Rings*
- *Rubber Balls*
- *Medical Seals*
- *Custom Moldings*

After 56 years in the rubber business, we've learned to be flexible. We'll bend over backwards to design custom solutions that meet your needs *precisely*. PAI is the company you can trust for rubber seal solutions YOUR WAY!

- Over 1,000 different compounds
- More than 2,300 O-Ring Sizes
- On-Site Mold Shop
- Custom Molding
- 99% on-time delivery
- ISO 14644-1 Class 7

*[www.PrecisionAssoc.com](http://www.PrecisionAssoc.com)*