

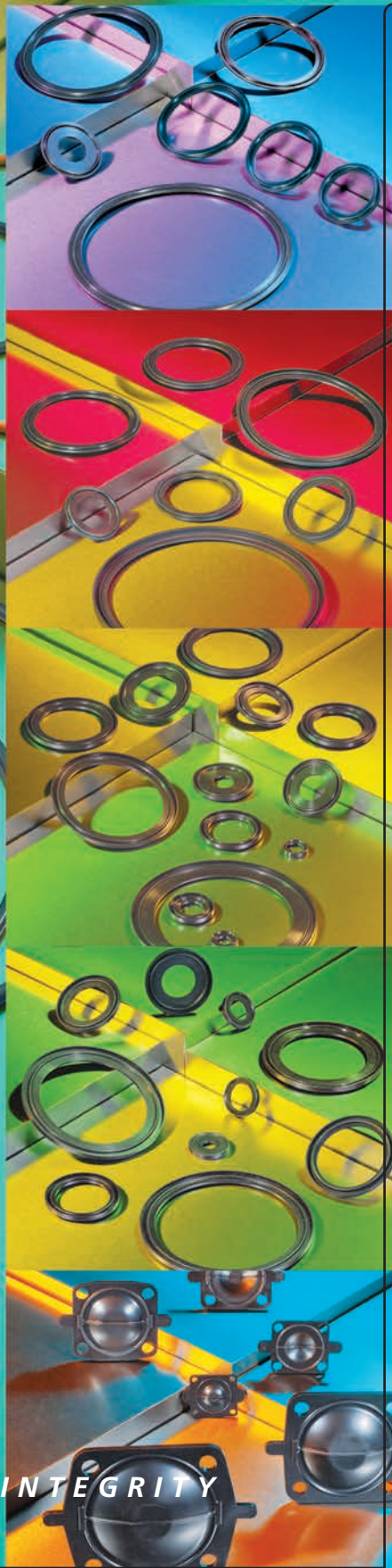
**"O" RINGS, GASKETS, DIAPHRAGMS
SIZING GUIDE
FDA AND USP CLASS VI**

"O"-Rings



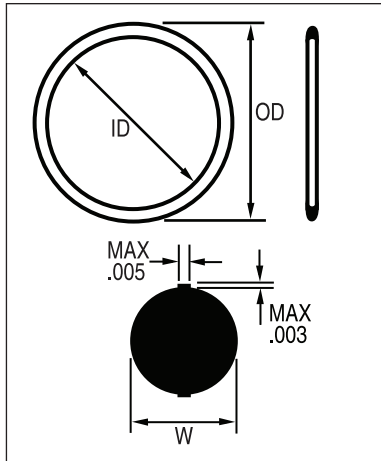
NEWMAN
SANITARY GASKET COMPANY

PRODUCTS OF INTEGRITY...FROM PEOPLE OF INTEGRITY



How to size your "O"-Rings

If you don't know the size or number of the "O"-Ring, you will need to determine the I.D. and width (see illustration below); or you may enclose a sample of the size you need with your quote request or order.



If your FDA rubber requirements are demanding, you can be assured that Newman will meet your exact standards precisely. For specific applications, data and design assistance, give us a call.

Newman Elastomer Characteristics

Newman Sanitary Gasket Company has the largest stock of FDA compliant "O"-Rings in North America ready to serve your requirements whether your needs are small or large. You will find our quality "O"-Rings have the mechanical properties you are seeking, plus the most demanding quality criteria.

Buna-N compound No. 1107 material will handle most food, dairy, and sanitary services. It is the backbone of the food and edibles industries, has excellent resistance to compression set, tear and abrasion. It has good acid and mild alkali resistance and is good for vegetable oil service. Rated at -40° to 225°F.

EPDM (ethylene propylene rubber) compound No. 2107 is excellent for hot water and steam service up to 275°F. It is very abrasion-resistant and has excellent resistance to ozone, sunlight or weather and de-ionized water. EPDM also has good tensile strength and good resistance to mild acids, alkalis and alcohols. Rated -65°F to 275°F (short term to 400°F).

Viton™ (bisphenol cured fluorocarbon elastomer) compound No. 3207 material has excellent mechanical, chemical, heat and steam resistance. It is particularly well-suited for hot fatty and oil products. Viton™ is especially good for hard vacuum service because of its high molecular weight and low gas permeability. It has been used to -65°F in some static seals — flexibility, 0°F to 400°F under continuous duty and will take 600°F for short periods of time. Rated at -20°F to 400°F (short terms to 600°F).

Silicone Platinum cured compound No. 4749 (clear) material is known for its standard of purity and non-leaching characteristics. Its ability to withstand many chemicals and combination of chemicals is the reason it is so popular with the pharmaceutical industry. Silicone has excellent low temperature flexibility — to 100°F in dry heat; 450°F is the top for continuous duty with 600°F possible for short periods. Rated at -80° to 400°F.

Kalrez® perfluoroelastomer compounds No. 6230 (black) and 6221 (white) last longer and seal more effectively than other elastomers due to their exceptional chemical resistance and thermal stability. Kalrez® o-rings can withstand attack by more than 1,800 chemicals, including many acids and amines that cause other elastomers to fail due to excessive swelling. Even after long-term exposure to temperatures up to 600°F, Kalrez® retains its elasticity and recovery properties better than other high temperature elastomers

Newman "O"-Ring sizes are the same as those established in AS568A, which includes more available sizes than several of the military specifications. These sizes and tolerances were published by SAE and have been approved by the Air Standards Committee (membership by U.S.A., Australia, Canada, New Zealand, and the United Kingdom) July 1974 and are illustrated in the following pages.



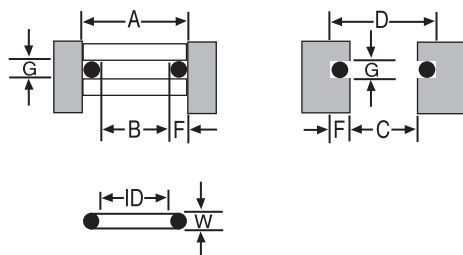
Groove Finish

Straight-sided grooves are best to prevent extrusion or nibbling, but 5° sloping sides are easier to machine and are suitable for pressures up to 1500 psi. Finish sides to 32 RMS with no burrs, nicks, or scratches. Locate in a shaft or rod, if possible, for easier machining and installation.

The rubbing surfaces should be 8 to 16 RMS without longitudinal or circumferential scratches. Best surfaces are honed, bur-nished, or hard chromeplate. Soft or stringy metals such as aluminum, brass, bronze, monel, or free machining stainless steel should not be used for moving seals.

A 63RMS finish may be used for static glands.

Finishes below 5 RMS wipe too clean for good moving seal life. Steel or cast iron cylinder bores are preferred. They should be thick enough not to expand or breathe with pressure, otherwise the radial clearance gap may expand and contract with pressure fluctuations causing nibbling of the ring. Pistons should be softer than cylinder materials to avoid scratching.



(E) Maximum Radial Clearance Gap to Prevent Extrusion

Maximum Pressure PSI	"O"-Ring Hardness (Shore A)				
	50	60	70	80	90
100	.008"	.009"	.010"	.013"	.016"
250	.005"	.008"	.009"	.012"	.014"
500	.003"	.005"	.008"	.010"	.012"
1,000	.001"	.003"	.005"	.008"	.010"
1,500	.000"	.001"	.003"	.005"	.008"
2,000		.000"	.002"	.004"	.005"
3,000			.000"	.002"	.003"
4,000				.000"	.001"
5,000					.000"

Clearances apply to dynamic "O"-Rings with no backup washers for .139 in. (3.53mm) "O"-Ring cross-sections and up. Smaller cross-sections do not give effective moving seal life, are less resistant to extrusion, and may be critical in sealing high frequency dynamic motion.

Static Tolerances

SIZE No.	A ±.000	B ±.000	C ±.000	D ±.000
001-012	+.001	-.001	-.001	+.001
013-050	+.002	-.002	-.002	+.002
102-178	+.003	-.003	-.003	+.003
201-284	+.004	-.004	-.003	+.003
309-395	+.005	-.005	-.003	+.003
425-475	+.006	-.006	-.003	+.003

Dynamic Tolerances

SIZE No.	A ±.000	B ±.000	C ±.000	D ±.000
001-012	+.001	-.001	-.001	+.001
012-116	+.003	-.003	-.003	+.003
201-222	+.004	-.004	-.004	+.004
309-349	+.005	-.005	-.005	+.005
425-460	+.006	-.006	-.006	+.006

(G) Groove Dimensions

+.005
-.000

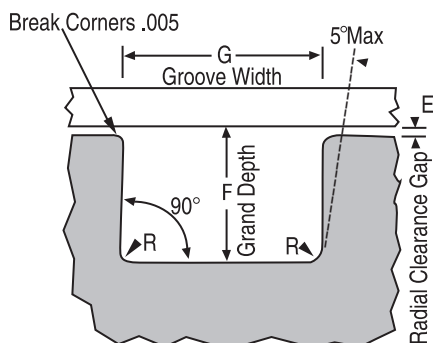
Commercial Applications

"O"-Ring Cross- Section	ROLLING SEALS			NON-ROLLING SEALS *		
	No Backup Washer	One Backup Washer	Two Backup Washer	No Backup Washer	One Backup Washer	Two Backup Washer
.070	.093	.149	.207	.083	.138	.205
.103	.140	.183	.245	.120	.171	.238
.139	.185	.225	.304	.160	.208	.275
.210	.285	.334	.474	.235	.311	.410
.275	.375	.440	.579	.310	.408	.538

* These groove widths are for compounds that free swell less than 15%. Suitable extra allowances should be made for higher swell.

	BUNA-N (1107)	EPDM (2107)	VITON™ (3207)	SILICONE (4137)	SILICONE (4749)
Specific Gravity	1.38	1.20	1.94	1.20	1.22
Tensile Strength, psi	2010	1705	1910	1256	1130
Elongation, %	405	450	310	307	610
300% Modulus, psi	1430	1260	1610	1245	450
Hardness, Shore A, pts.	70	71	74	75	80
Compression Set, % (Method B, 22 hrs. @ 100°C)	21.6	27.5	26.7	24.5	6.5

These materials meet the criteria of the FDA, Title 21, Paragraph 177.2600, as a direct contact material with food and pharmaceutical products.



Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
							IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	001	1/32	X	3/32	X	1/32	.029	.004	.040	.003	0.74	0.10	1.02	0.08
	902 1/2	1/16	X	1/8	X	1/32	.070	.004	.040	.003	1.78	0.10	1.02	0.08
	002	3/64	X	9/64	X	1/32	.042	.004	.050	.003	1.07	0.10	1.27	0.08
	003	1/16	X	3/16	X	1/16	.056	.004	.060	.003	1.42	0.10	1.52	0.08
	004	5/64	X	13/64	X	1/16	.070	.005	.070	.003	1.78	0.13	1.78	0.08
	005	3/32	X	7/32	X	1/16	.101	.005			2.57	0.13		
	006	1/8	X	1/4	X	1/16	.114	.005			2.90	0.13		
	007	5/32	X	9/32	X	1/16	.145	.005			3.68	0.13		
	008	3/16	X	5/16	X	1/16	.176	.005			4.47	0.13		
	009	7/32	X	11/32	X	1/16	.208	.005			5.28	0.13		
	010	1/4	X	3/8	X	1/16	.239	.005			6.07	0.13		
	011	5/16	X	7/16	X	1/16	.301	.005			7.65	0.13		
	012	3/8	X	1/2	X	1/16	.364	.005			9.25	0.13		
	013	7/16	X	9/16	X	1/16	.426	.005			10.82	0.13		
	014	1/2	X	5/8	X	1/16	.489	.005			12.42	0.13		
	015	9/16	X	11/16	X	1/16	.551	.007			14.00	0.18		
	016	5/8	X	3/4	X	1/16	.614	.009			15.60	0.23		
	017	11/16	X	13/16	X	1/16	.676	.009			17.17	0.23		
	018	3/4	X	7/8	X	1/16	.739	.009			18.77	0.23		
	019	13/16	X	15/16	X	1/16	.801	.009			20.35	0.23		
	020	7/8	X	1	X	1/16	.864	.009			21.95	0.23		
	021	15/16	X	1 1/16	X	1/16	.926	.009			23.52	0.23		
	022	1	X	1 1/8	X	1/16	.989	.010			25.12	0.25		
	023	1 1/16	X	1 3/16	X	1/16	1.051	.010			26.70	0.25		
	024	1 1/8	X	1 1/4	X	1/16	1.114	.010			28.30	0.25		
	025	1 3/16	X	1 5/16	X	1/16	1.176	.011			29.87	0.28		
	026	1 1/4	X	1 3/8	X	1/16	1.239	.011			31.47	0.28		
	027	1 5/16	X	1 7/16	X	1/16	1.301	.011			33.05	0.28		
	028	1 3/8	X	1 1/2	X	1/16	1.364	.013			34.65	0.33		
	029	1 1/2	X	1 5/8	X	1/16	1.489	.013			37.82	0.33		
	030	1 5/8	X	1 3/4	X	1/16	1.614	.013			41.00	0.33		
	031	1 3/4	X	1 7/8	X	1/16	1.739	.015			44.17	0.38		
	032	1 7/8	X	2	X	1/16	1.864	.015			47.35	0.38		
	033	2	X	2 1/8	X	1/16	1.989	.018			50.52	0.46		
	034	2 1/8	X	2 1/4	X	1/16	2.114	.018			53.70	0.46		
	035	2 1/4	X	2 3/8	X	1/16	2.239	.018			56.87	0.46		
	036	2 3/8	X	2 1/2	X	1/16	2.364	.018			60.05	0.46		
	037	2 1/2	X	2 5/8	X	1/16	2.489	.018			63.22	0.46		
	038	2 5/8	X	2 3/4	X	1/16	2.614	.020			66.40	0.51		
	039	2 3/4	X	2 7/8	X	1/16	2.739	.020			69.57	0.51		
	040	2 7/8	X	3	X	1/16	2.864	.020			72.75	0.51		
	041	3	X	3 1/8	X	1/16	2.989	.024			75.92	0.61		
	042	3 1/4	X	3 3/8	X	1/16	3.239	.024			82.27	0.61		
	043	3 1/2	X	3 5/8	X	1/16	3.489	.024			88.62	0.61		
	044	3 3/4	X	3 7/8	X	1/16	3.739	.027			94.97	0.69		
	045	4	X	4 1/8	X	1/16	3.989	.027			101.32	0.69		
	046	4 1/4	X	4 3/8	X	1/16	4.239	.027			107.67	0.76		
	047	4 1/2	X	4 5/8	X	1/16	4.489	.030			114.02	0.76		
	048	4 3/4	X	4 7/8	X	1/16	4.739	.030			120.37	0.76		
	049	5	X	5 1/8	X	1/16	4.989	.037			126.72	0.94		
	050	5 1/4	X	5 3/8	X	1/16	5.239	.037	.070	.003	133.07	0.94	1.78	0.08

NEWMAN Sanitary Gasket Company

Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
							IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	102	1/16	X	1/4	X	3/32	.049	.005	.103	.003	1.24	0.10	2.62	0.08
	103	3/32	X	9/32	X	3/32	.081	.005	↑	↑	2.06	0.13	↑	↑
	104	1/8	X	5/16	X	3/32	.112	.005	↑	↑	2.84	0.13	↑	↑
	105	5/32	X	11/32	X	3/32	.143	.005	↑	↑	3.63	0.13	↑	↑
	106	3/16	X	3/8	X	3/32	.174	.005	↑	↑	4.42	0.13	↑	↑
	107	7/32	X	13/32	X	3/32	.206	.005	↑	↑	5.23	0.13	↑	↑
	108	1/4	X	7/16	X	3/32	.237	.005	↑	↑	6.02	0.13	↑	↑
	109	5/16	X	1/2	X	3/32	.299	.005	↑	↑	7.59	0.13	↑	↑
	110	3/8	X	9/16	X	3/32	.362	.005	↑	↑	9.19	0.13	↑	↑
	111	7/16	X	5/8	X	3/32	.424	.005	↑	↑	10.77	0.13	↑	↑
	112	1/2	X	11/16	X	3/32	.487	.007	↑	↑	12.37	0.13	↑	↑
	113	9/16	X	3/4	X	3/32	.549	.009	↑	↑	13.94	0.18	↑	↑
	114	5/8	X	13/16	X	3/32	.612	.009	↑	↑	15.54	0.23	↑	↑
	115	11/16	X	7/8	X	3/32	.674	.009	↑	↑	17.12	0.23	↑	↑
	116	3/4	X	15/16	X	3/32	.737	.009	↑	↑	18.72	0.23	↑	↑
	117	13/16	X	1	X	3/32	.799	.010	↑	↑	20.29	0.25	↑	↑
	118	7/8	X	1 1/16	X	3/32	.862	.010	↑	↑	21.89	0.25	↑	↑
	119	15/16	X	1 1/8	X	3/32	.924	.010	↑	↑	23.47	0.25	↑	↑
	120	1	X	1 3/16	X	3/32	.987	.010	↑	↑	25.07	0.25	↑	↑
	121	1 1/16	X	1 1/4	X	3/32	1.049	.010	↑	↑	26.64	0.25	↑	↑
	122	1 1/8	X	1 5/16	X	3/32	1.112	.010	↑	↑	28.24	0.25	↑	↑
	123	1 3/16	X	1 3/8	X	3/32	1.174	.012	↑	↑	29.82	0.30	↑	↑
	124	1 1/4	X	1 7/16	X	3/32	1.237	.012	↑	↑	31.42	0.30	↑	↑
	125	1 5/16	X	1 1/2	X	3/32	1.299	.012	↑	↑	32.99	0.30	↑	↑
	126	1 3/8	X	1 9/16	X	3/32	1.362	.012	↑	↑	34.59	0.30	↑	↑
	127	1 7/16	X	1 5/8	X	3/32	1.424	.012	↑	↑	36.17	0.30	↑	↑
	128	1 1/2	X	1 11/16	X	3/32	1.487	.012	↑	↑	37.77	0.30	↑	↑
	129	1 9/16	X	1 3/4	X	3/32	1.549	.015	↑	↑	39.34	0.38	↑	↑
	130	1 5/8	X	1 13/16	X	3/32	1.612	.015	↑	↑	40.94	0.38	↑	↑
	131	1 11/16	X	1 7/8	X	3/32	1.674	.015	↑	↑	42.52	0.38	↑	↑
	132	1 3/4	X	1 15/16	X	3/32	1.737	.015	↑	↑	44.12	0.38	↑	↑
	133	1 13/16	X	2	X	3/32	1.799	.015	↑	↑	45.69	0.38	↑	↑
	134	1 7/8	X	2 1/16	X	3/32	1.862	.015	↑	↑	47.29	0.38	↑	↑
	135	1 15/16	X	2 1/8	X	3/32	1.925	.017	↑	↑	48.90	0.43	↑	↑
	136	2	X	2 3/16	X	3/32	1.987	.017	↑	↑	50.47	0.43	↑	↑
	137	2 1/16	X	2 1/4	X	3/32	2.050	.017	↑	↑	52.07	0.43	↑	↑
	138	2 1/8	X	2 5/16	X	3/32	2.112	.017	↑	↑	53.64	0.43	↑	↑
	139	2 3/16	X	2 3/8	X	3/32	2.175	.017	↑	↑	55.25	0.43	↑	↑
	140	2 1/4	X	2 7/16	X	3/32	2.237	.017	↑	↑	56.82	0.43	↑	↑
	141	2 5/16	X	2 1/2	X	3/32	2.300	.020	↑	↑	58.42	0.51	↑	↑
	142	2 3/8	X	2 9/16	X	3/32	2.362	.020	↑	↑	59.99	0.51	↑	↑
	143	2 7/16	X	2 5/8	X	3/32	2.425	.020	↑	↑	61.60	0.51	↑	↑
	144	2 1/2	X	2 11/16	X	3/32	2.487	.020	↑	↑	63.17	0.51	↑	↑
	145	2 9/16	X	2 3/4	X	3/32	2.550	.020	↑	↑	64.77	0.51	↑	↑
	146	2 5/8	X	2 13/16	X	3/32	2.612	.020	↑	↑	66.34	0.51	↑	↑
	147	2 11/16	X	2 7/8	X	3/32	2.675	.022	↑	↑	67.95	0.56	↑	↑
	148	2 3/4	X	2 15/16	X	3/32	2.737	.022	↑	↑	69.52	0.56	↑	↑
	149	2 13/16	X	3	X	3/32	2.800	.022	↑	↑	71.12	0.56	↑	↑
	150	2 7/8	X	3 1/16	X	3/32	2.862	.022	↓	↓	72.69	0.56	↓	↓
	151	3	X	3 3/16	X	3/32	2.987	.024	↓	↓	75.87	0.61	↓	↓
	152	3 1/4	X	3 7/16	X	3/32	3.237	.024	.103	.003	82.22	0.61	2.62	0.08

NEWMAN Sanitary Gasket Company

Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
							IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	153	3 1/2	X	3 11/16	X	3/32	3.487	.024	.103	.003	88.57	0.61	2.62	0.08
	154	3 3/4	X	3 15/16	X	3/32	3.737	.028	↑	↑	94.92	0.71	↑	↑
	155	4	X	4 3/16	X	3/32	3.987	.028			101.27	0.71		
	156	4 1/4	X	4 7/16	X	3/32	4.237	.030			107.62	0.76		
	157	4 1/2	X	4 11/16	X	3/32	4.487	.030			113.97	0.76		
	158	4 3/4	X	4 15/16	X	3/32	4.737	.030			120.32	0.76		
	159	5	X	5 3/16	X	3/32	4.987	.035			126.67	0.89		
	160	5 1/4	X	5 7/16	X	3/32	5.237	.035			133.02	0.89		
	161	5 1/2	X	5 11/16	X	3/32	5.487	.035			139.37	0.89		
	162	5 3/4	X	5 15/16	X	3/32	5.737	.035			145.72	0.89		
	163	6	X	6 3/16	X	3/32	5.987	.040			152.07	0.89		
	164	6 1/4	X	6 7/16	X	3/32	6.237	.040	↓	↓	158.42	1.02	↓	↓
	165	6 1/2	X	6 11/16	X	3/32	6.487	.040			164.77	1.02		
	166	6 3/4	X	6 15/16	X	3/32	6.737	.040			171.12	1.02		
	167	7	X	7 3/16	X	3/32	6.987	.040			177.47	1.02		
	168	7 1/4	X	7 7/16	X	3/32	7.237	.045			183.82	1.14		
	169	7 1/2	X	7 11/16	X	3/32	7.487	.045			190.17	1.14		
	170	7 3/4	X	7 15/16	X	3/32	7.737	.045			196.54	1.14		
	171	8	X	8 3/16	X	3/32	7.987	.045			202.87	1.14		
	172	8 1/4	X	8 7/16	X	3/32	8.237	.050			209.22	1.27		
	173	8 1/2	X	8 11/16	X	3/32	8.487	.050			215.57	1.27		
	174	8 3/4	X	8 15/16	X	3/32	8.737	.050			221.92	1.27		
	175	9	X	9 3/16	X	3/32	8.987	.050			228.27	1.27		
	176	9 1/4	X	9 7/16	X	3/32	9.237	.055			234.62	1.40		
	177	9 1/2	X	9 11/16	X	3/32	9.487	.055	.103	.003	240.97	1.40	2.62	0.08
	178	9 3/4	X	9 15/16	X	3/32	9.737	.055	.103	.003	247.32	1.40	2.62	0.08
	201	3/16	X	7/16	X	1/8	.171	.007	.139	.004	4.34	0.18	3.53	0.10
	202	1/4	X	1/2	X	1/8	.234	.007	↑	↑	5.94	0.18	↑	↑
	203	5/16	X	9/16	X	1/8	.296	.007			7.52	0.18		
	204	3/8	X	5/8	X	1/8	.359	.007			9.12	0.18		
	205	7/16	X	11/16	X	1/8	.421	.007			10.69	0.18		
	206	1/2	X	3/4	X	1/8	.484	.007			12.29	0.18		
	207	9/16	X	13/16	X	1/8	.546	.007			13.87	0.18		
	208	5/8	X	7/8	X	1/8	.609	.009			15.47	0.23		
	209	11/16	X	15/16	X	1/8	.671	.009			17.04	0.23		
	210	3/4	X	1	X	1/8	.734	.010			18.66	0.25		
	211	13/16	X	1 1/16	X	1/8	.796	.010			20.22	0.25		
	212	7/8	X	1 1/8	X	1/8	.859	.010	↓	↓	21.82	0.25	↓	↓
	213	15/16	X	1 3/16	X	1/8	.921	.010			23.40	0.25		
	214	1	X	1 1/4	X	1/8	.984	.010			25.00	0.25		
	215	1 1/16	X	1 5/16	X	1/8	1.046	.010			26.58	0.25		
	216	1 1/8	X	1 3/8	X	1/8	1.109	.012			28.17	0.30		
	217	1 3/16	X	1 7/16	X	1/8	1.171	.012			29.75	0.30		
	218	1 1/4	X	1 1/2	X	1/8	1.234	.012			31.35	0.30		
	219	1 5/16	X	1 9/16	X	1/8	1.296	.012			32.92	0.30		
	220	1 3/8	X	1 5/8	X	1/8	1.359	.012			34.52	0.30		
	221	1 7/16	X	1 11/16	X	1/8	1.421	.012			36.09	0.30		
	222	1 1/2	X	1 3/4	X	1/8	1.484	.015	.139	.004	37.70	0.38	3.53	0.10
	223	1 5/8	X	1 7/8	X	1/8	1.609	.015	.139	.004	40.87	0.38	3.53	0.10
	224	1 3/4	X	2	X	1/8	1.734	.015	.139	.004	44.04	0.38	3.53	0.10

Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
							IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	225	1 7/8	X	2 1/8	X	1/8	1.859	.018	.139	.004	47.22	0.46	3.53	0.10
	226	2	X	2 1/4	X	1/8	1.984	.018	↑	↑	50.39	0.46	↑	↑
	227	2 1/8	X	2 3/8	X	1/8	2.109	.018			53.57	0.46		
	228	2 1/4	X	2 1/2	X	1/8	2.234	.020			56.74	0.51		
	229	2 3/8	X	2 5/8	X	1/8	2.359	.020			59.92	0.51		
	230	2 1/2	X	2 3/4	X	1/8	2.484	.020			63.09	0.51		
	231	2 5/8	X	2 7/8	X	1/8	2.609	.020			66.27	0.51		
	232	2 3/4	X	3	X	1/8	2.734	.024			69.44	0.61		
	233	2 7/8	X	3 1/8	X	1/8	2.859	.024			72.62	0.61		
	234	3	X	3 1/4	X	1/8	2.984	.024			75.79	0.61		
	235	3 1/8	X	3 3/8	X	1/8	3.109	.024			78.97	0.61		
	236	3 1/4	X	3 1/2	X	1/8	3.234	.024	↑	↑	82.14	0.61	↑	↑
	237	3 3/8	X	3 5/8	X	1/8	3.359	.024			85.32	0.61		
	238	3 1/2	X	3 3/4	X	1/8	3.484	.024			88.49	0.61		
	239	3 5/8	X	3 7/8	X	1/8	3.609	.028			91.67	0.71		
	240	3 3/4	X	4	X	1/8	3.734	.028			94.84	0.71		
	241	3 7/8	X	4 1/8	X	1/8	3.859	.028			98.02	0.71		
	242	4	X	4 1/4	X	1/8	3.984	.028			101.19	0.71		
	243	4 1/8	X	4 3/8	X	1/8	4.109	.028			104.37	0.71		
	244	4 1/4	X	4 1/2	X	1/8	4.234	.030			107.54	0.76		
	245	4 3/8	X	4 5/8	X	1/8	4.359	.030			110.72	0.76		
	246	4 1/2	X	4 3/4	X	1/8	4.484	.030	↑	↑	113.89	0.76	↑	↑
	247	4 5/8	X	4 7/8	X	1/8	4.609	.030			117.07	0.76		
	248	4 3/4	X	5	X	1/8	4.734	.030			120.24	0.76		
	249	4 7/8	X	5 1/8	X	1/8	4.859	.035			123.42	0.89		
	250	5	X	5 1/4	X	1/8	4.984	.035			126.59	0.89		
	251	5 1/8	X	5 3/8	X	1/8	5.109	.035			129.77	0.89		
	252	5 1/4	X	5 1/2	X	1/8	5.234	.035			132.94	0.89		
	253	5 3/8	X	5 5/8	X	1/8	5.359	.035			136.12	0.89		
	254	5 1/2	X	5 3/4	X	1/8	5.484	.035			139.29	0.89		
	255	5 5/8	X	5 7/8	X	1/8	5.609	.035			142.47	0.89		
	256	5 3/4	X	6	X	1/8	5.734	.035	↑	↑	145.64	0.89	↑	↑
	257	5 7/8	X	6 1/8	X	1/8	5.859	.035			148.82	0.89		
	258	6	X	6 1/4	X	1/8	5.984	.035			151.99	0.89		
	259	6 1/4	X	6 1/2	X	1/8	6.234	.040			158.34	1.02		
	260	6 1/2	X	6 3/4	X	1/8	6.484	.040			164.69	1.02		
	261	6 3/4	X	7	X	1/8	6.734	.040			171.04	1.02		
	262	7	X	7 1/4	X	1/8	6.984	.040			177.39	1.02		
	263	7 1/4	X	7 1/2	X	1/8	7.234	.045			183.74	1.14		
	264	7 1/2	X	7 3/4	X	1/8	7.484	.045			190.09	1.14		
	265	7 3/4	X	8	X	1/8	7.734	.045			196.44	1.14		
	266	8	X	8 1/4	X	1/8	7.984	.045	↑	↑	202.79	1.14	↑	↑
	267	8 1/4	X	8 1/2	X	1/8	8.234	.050			209.14	1.27		
	268	8 1/2	X	8 3/4	X	1/8	8.484	.050			215.49	1.27		
	269	8 3/4	X	9	X	1/8	8.734	.050			221.84	1.27		
	270	9	X	9 1/4	X	1/8	8.984	.050			228.19	1.27		
	271	9 1/4	X	9 1/2	X	1/8	9.234	.055			234.54	1.40		
	272	9 1/2	X	9 3/4	X	1/8	9.484	.055			240.89	1.40		
	273	9 3/4	X	10	X	1/8	9.734	.055			247.24	1.40		
	274	10	X	10 1/4	X	1/8	9.984	.055			253.59	1.40		
	275	10 1/2	X	10 3/4	X	1/8	10.484	.055	.139	.004	266.29	1.40	3.53	0.10

NEWMAN Sanitary Gasket Company

Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-							
	276	11	X	11 1/4	X	1/8	10.984	.065	.139	.004	278.99	1.65	3.53	0.10
	277	11 1/2	X	11 3/4	X	1/8	11.484	.065	↑	↑	291.69	1.65	↑	↑
	278	12	X	12 1/4	X	1/8	11.984	.065			304.39	1.65		
	279	13	X	13 1/4	X	1/8	12.984	.065			329.79	1.65		
	280	14	X	14 1/4	X	1/8	13.984	.065			355.19	1.65		
	281	15	X	15 1/4	X	1/8	14.984	.065	↓	↓	380.59	1.65	↓	↓
	282	16	X	16 1/4	X	1/8	15.955	.075			405.26	1.90		
	283	17	X	17 1/4	X	1/8	16.955	.080			430.66	2.16		
	284	18	X	18 1/4	X	1/8	17.955	.085			456.06	2.42	3.53	0.10
	309	7/16	X	13/16	X	3/16	.412	.005	.210	.005	10.46	0.13	5.33	0.13
	310	1/2	X	7/8	X	3/16	.475	.005	↑	↑	12.07	0.13	↑	↑
	311	9/16	X	15/16	X	3/16	.537	.007			13.64	0.18		
	312	5/8	X	1	X	3/16	.600	.009			15.25	0.23		
	313	11/16	X	1 1/16	X	3/16	.662	.009			16.81	0.23		
	314	3/4	X	1 1/8	X	3/16	.725	.010			18.42	0.25		
	315	13/16	X	1 3/16	X	3/16	.787	.010			19.99	0.25		
	316	7/8	X	1 1/4	X	3/16	.850	.010			21.59	0.25		
	317	15/16	X	1 5/16	X	3/16	.912	.010			23.16	0.25		
	318	1	X	1 3/8	X	3/16	.975	.010			24.77	0.25		
	319	1 1/16	X	1 7/16	X	3/16	1.037	.010			26.34	0.25		
	320	1 1/8	X	1 1/2	X	3/16	1.100	.012			27.94	0.30		
	321	1 3/16	X	1 9/16	X	3/16	1.162	.012			29.51	0.30		
	322	1 1/4	X	1 5/8	X	3/16	1.225	.012			31.12	0.30		
	323	1 5/16	X	1 11/16	X	3/16	1.287	.012			32.69	0.30		
	324	1 3/8	X	1 3/4	X	3/16	1.350	.012			34.29	0.30		
	325	1 1/2	X	1 7/8	X	3/16	1.475	.015			37.47	0.38		
	326	1 5/8	X	2	X	3/16	1.600	.015			40.64	0.38		
	327	1 3/4	X	2 1/8	X	3/16	1.725	.015			43.82	0.38		
	328	1 7/8	X	2 1/4	X	3/16	1.850	.015			46.99	0.38		
	329	2	X	2 3/8	X	3/16	1.975	.018			50.17	0.46		
	330	2 1/8	X	2 1/2	X	3/16	2.100	.018			53.34	0.46		
	331	2 1/4	X	2 5/8	X	3/16	2.225	.018			56.52	0.46		
	332	2 3/8	X	2 3/4	X	3/16	2.350	.018			59.69	0.46		
	333	2 1/2	X	2 7/8	X	3/16	2.475	.020			62.87	0.51		
	334	2 5/8	X	3	X	3/16	2.600	.020			66.04	0.51		
	335	2 3/4	X	3 1/8	X	3/16	2.725	.020			69.22	0.51		
	336	2 7/8	X	3 1/4	X	3/16	2.850	.020			72.39	0.51		
	337	3	X	3 3/8	X	3/16	2.975	.024			75.57	0.61		
	338	3 1/8	X	3 1/2	X	3/16	3.100	.024			78.74	0.61		
	339	3 1/4	X	3 5/8	X	3/16	3.225	.024			81.92	0.61		
	340	3 3/8	X	3 3/4	X	3/16	3.350	.024			85.09	0.61		
	341	3 1/2	X	3 7/8	X	3/16	3.475	.024			88.27	0.61		
	342	3 5/8	X	4	X	3/16	3.600	.028			91.44	0.71		
	343	3 3/4	X	4 1/8	X	3/16	3.725	.028			94.62	0.71		
	344	3 7/8	X	4 1/4	X	3/16	3.850	.028			97.79	0.71		
	345	4	X	4 3/8	X	3/16	3.975	.028			100.97	0.71		
	346	4 1/8	X	4 1/2	X	3/16	4.100	.028			104.14	0.71		
	347	4 1/4	X	4 5/8	X	3/16	4.225	.030	↓	↓	107.32	0.76	↓	↓
	348	4 3/8	X	4 3/4	X	3/16	4.350	.030			110.49	0.76		
	349	4 1/2	X	4 7/8	X	3/16	4.475	.030			.210	.005	113.67	0.76

NEWMAN Sanitary Gasket Company

Your Part Number	Newman Size Number	Nominal Size				INCH STANDARD				METRIC STANDARD			
						Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
						IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	350	4 5/8	X	5	X 3/16	4.600	.030	.210	.005	116.84	0.76	5.33	0.13
	351	4 3/4	X	5 1/8	X 3/16	4.725	.030	↑	↑	120.02	0.76	↑	↑
	352	4 7/8	X	5 1/4	X 3/16	4.850	.030			123.19	0.76		
	353	5	X	5 3/8	X 3/16	4.975	.037			126.37	0.94		
	354	5 1/8	X	5 1/2	X 3/16	5.100	.037	↑	↑	129.54	0.94	↑	↑
	355	5 1/4	X	5 5/8	X 3/16	5.225	.037			132.72	0.94		
	356	5 3/8	X	5 3/4	X 3/16	5.350	.037			135.89	0.94		
	357	5 1/2	X	5 7/8	X 3/16	5.475	.037	↑	↑	139.07	0.94	↑	↑
	358	5 5/8	X	6	X 3/16	5.600	.037			142.24	0.94		
	359	5 3/4	X	6 1/8	X 3/16	5.725	.037			145.42	0.94		
	360	5 7/8	X	6 1/4	X 3/16	5.850	.037	↑	↑	148.49	0.94	↑	↑
	361	6	X	6 3/8	X 3/16	5.975	.037			151.77	0.94		
	362	6 1/4	X	6 5/8	X 3/16	6.225	.040			158.12	1.02		
	363	6 1/2	X	6 7/8	X 3/16	6.475	.040	↑	↑	164.47	1.02	↑	↑
	364	6 3/4	X	7 1/8	X 3/16	6.725	.040			170.82	1.02		
	365	7	X	7 3/8	X 3/16	6.975	.040			177.17	1.02		
	366	7 1/4	X	7 5/8	X 3/16	7.225	.045	↑	↑	183.52	1.14	↑	↑
	367	7 1/2	X	7 7/8	X 3/16	7.475	.045			189.87	1.14		
	368	7 3/4	X	8 1/8	X 3/16	7.725	.045			196.22	1.14		
	369	8	X	8 3/8	X 3/16	7.975	.045	↑	↑	202.57	1.14	↑	↑
	370	8 1/4	X	8 5/8	X 3/16	8.225	.050			208.92	1.30		
	371	8 1/2	X	8 7/8	X 3/16	8.475	.050			215.27	1.30		
	372	8 3/4	X	9 1/8	X 3/16	8.725	.050	↑	↑	221.65	1.30	↑	↑
	373	9	X	9 3/8	X 3/16	8.975	.050			227.97	1.30		
	374	9 1/4	X	9 5/8	X 3/16	9.225	.055			234.32	1.40		
	375	9 1/2	X	9 7/8	X 3/16	9.475	.055	↑	↑	240.67	1.40	↑	↑
	376	9 3/4	X	10 1/8	X 3/16	9.725	.055			247.02	1.40		
	377	10	X	10 3/8	X 3/16	9.975	.055			253.37	1.40		
	378	10 1/2	X	10 7/8	X 3/16	10.475	.060	↑	↑	266.07	1.52	↑	↑
	379	11	X	11 3/8	X 3/16	10.975	.060			278.77	1.52		
	380	11 1/2	X	11 7/8	X 3/16	11.475	.065			291.47	1.65		
	381	12	X	12 3/8	X 3/16	11.975	.065	↑	↑	304.17	1.65	↑	↑
	382	13	X	13 3/8	X 3/16	12.975	.065			329.57	1.65		
	383	14	X	14 3/8	X 3/16	13.975	.070			354.97	1.78		
	384	15	X	15 3/8	X 3/16	14.975	.070	↑	↑	380.37	1.78	↑	↑
	385	16	X	16 3/8	X 3/16	15.955	.075			405.26	1.90		
	386	17	X	17 3/8	X 3/16	16.955	.080			430.66	2.03		
	387	18	X	18 3/8	X 3/16	17.955	.085	↑	↑	456.06	2.16	↑	↑
	388	19	X	19 3/8	X 3/16	18.952	.090			481.38	2.29		
	389	20	X	20 3/8	X 3/16	19.952	.090			506.78	2.41		
	390	21	X	21 3/8	X 3/16	20.952	.090	↑	↑	532.18	2.41	↑	↑
	391	22	X	22 3/8	X 3/16	21.952	.100			557.58	2.55		
	392	23	X	23 3/8	X 3/16	22.940	.105			582.68	2.75		
	393	24	X	24 3/8	X 3/16	23.940	.110	↑	↑	608.08	2.80	↑	↑
	394	25	X	25 3/8	X 3/16	24.940	.115			633.48	2.90		
	395	26	X	26 3/8	X 3/16	25.940	.120			658.88	3.05	5.33	0.13

Your Part Number	Newman Size Number	Nominal Size					INCH STANDARD				METRIC STANDARD			
							Inside Diameter		Cross Section W		Inside Diameter		Cross Section W	
							IN.	+/-	IN.	+/-	MM.	+/-	MM.	+/-
	425	4 1/2	X	5	X	1/4	4.475	.033	.275	.006	113.67	0.84	6.99	0.15
	426	4 5/8	X	5 1/8	X	1/4	4.600	.033	↑	↑	116.84	0.84	↑	↑
	427	4 3/4	X	5 1/4	X	1/4	4.725	.033			120.02	0.84		
	428	4 7/8	X	5 3/8	X	1/4	4.850	.033			123.19	0.84		
	429	5	X	5 1/2	X	1/4	4.975	.037			126.37	0.94		
	430	5 1/8	X	5 5/8	X	1/4	5.100	.037			129.54	0.94		
	431	5 1/4	X	5 3/4	X	1/4	5.225	.037			132.72	0.94		
	432	5 3/8	X	5 7/8	X	1/4	5.350	.037			135.89	0.94		
	433	5 1/2	X	6	X	1/4	5.475	.037			139.07	0.94		
	434	5 5/8	X	6 1/8	X	1/4	5.600	.037			142.24	0.94		
	435	5 3/4	X	6 1/4	X	1/4	5.725	.037			145.42	0.94		
	436	5 7/8	X	6 3/8	X	1/4	5.850	.037			148.59	0.94		
	437	6	X	6 1/2	X	1/4	5.975	.037	↓	↓	151.77	0.94	↓	↓
	438	6 1/4	X	6 3/4	X	1/4	6.225	.040			158.12	1.02		
	439	6 1/2	X	7	X	1/4	6.475	.040			164.47	1.02		
	440	6 3/4	X	7 1/4	X	1/4	6.725	.040			170.82	1.02		
	441	7	X	7 1/2	X	1/4	6.975	.040			177.17	1.02		
	442	7 1/4	X	7 3/4	X	1/4	7.225	.045			183.52	1.14		
	443	7 1/2	X	8	X	1/4	7.475	.045			189.87	1.14		
	444	7 3/4	X	8 1/4	X	1/4	7.725	.045			196.22	1.14		
	445	8	X	8 1/2	X	1/4	7.975	.045			202.57	1.14		
	446	8 1/2	X	9	X	1/4	8.475	.055			215.27	1.40		
	447	9	X	9 1/2	X	1/4	8.975	.055			227.97	1.40		
	448	9 1/2	X	10	X	1/4	9.475	.055			240.67	1.40		
	449	10	X	10 1/2	X	1/4	9.975	.055			253.37	1.40		
	450	10 1/2	X	11	X	1/4	10.475	.060			266.07	1.52		
	451	11	X	11 1/2	X	1/4	10.975	.060			278.77	1.52		
	452	11 1/2	X	12	X	1/4	11.475	.060			291.47	1.52		
	453	12	X	12 1/2	X	1/4	11.975	.060			304.17	1.52		
	454	12 1/2	X	13	X	1/4	12.475	.060			316.87	1.52		
	455	13	X	13 1/2	X	1/4	12.975	.060			329.57	1.52		
	456	13 1/2	X	14	X	1/4	13.475	.070			342.27	1.78		
	457	14	X	14 1/2	X	1/4	13.975	.070			354.97	1.78		
	458	14 1/2	X	15	X	1/4	14.475	.070			367.67	1.78		
	459	15	X	15 1/2	X	1/4	14.975	.070			380.37	1.78		
	460	15 1/2	X	16	X	1/4	15.475	.070			393.07	1.78		
	461	16	X	16 1/2	X	1/4	15.955	.075			405.26	1.90		
	462	16 1/2	X	17	X	1/4	16.455	.075			417.96	1.90		
	463	17	X	17 1/2	X	1/4	16.955	.080			430.66	2.05		
	464	17 1/2	X	18	X	1/4	17.455	.085			443.36	2.15		
	465	18	X	18 1/2	X	1/4	17.955	.085			456.06	2.15		
	466	18 1/2	X	19	X	1/4	18.455	.085			468.76	2.15		
	467	19	X	19 1/2	X	1/4	18.955	.090			481.46	2.29		
	468	19 1/2	X	20	X	1/4	19.455	.090			494.16	2.29		
	469	20	X	20 1/2	X	1/4	19.955	.090			506.86	2.41		
	470	21	X	21 1/2	X	1/4	20.955	.090			532.26	2.41		
	471	22	X	22 1/2	X	1/4	21.955	.100			557.66	2.55		
	472	23	X	23 1/2	X	1/4	22.940	.105			582.68	2.65		
	473	24	X	24 1/2	X	1/4	23.940	.110	↓	↓	608.08	2.80	↓	↓
	474	25	X	25 1/2	X	1/4	24.940	.115			633.48	2.90		
	475	26	X	26 1/2	X	1/4	25.940	.120			658.88	3.05	6.99	0.15

ADDITIONAL CROSS REFERENCE SPACE

[illegible]

PERFORMANCE PROPERTY CHART

	FDA			FDA and USP Class VI Compliant						
	Nitrile (Buna-N)	Ethylene-Propylene (EPDM)	Silicone	Fluoroelastomer (Viton™ A) 401C	Fluoroelastomer (Viton™ GF) 600S	Fluoroelastomer (Viton™ ETP) 600S	Teflon®	Silverback™	Kalrez® 6230 & 6221	Kalrez® LS390
Tensile Strength	Good	Good-Excellent	Good	Good-Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Ozone Resistance	Poor	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Heat Resistance	Good (225°F) (107°C)	Excellent (275°F) (135°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (450°F) (232°C)	Excellent (500°F) (260°C)	Excellent (428°F) (220°C)
Cold Resistance	Good (-40°F) (-40°C)	Good Excellent (-55°F) (-48°C)	Excellent (-80°F) (-62°C)	Good (-2°F) (-18°C)	Good (18°F) (-8°C)	Good (10°F) (-12°C)	Excellent (-110°F) (-79°C)	Good (-20°F) (-28°C)	N/A	N/A
Steam Resistance	Good	Excellent	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Tear Resistance	Good	Good	Good	Good	Good	Good	Excellent	Excellent	Good	Good
Abrasion Resistance	Good	Good Excellent	Good Excellent	Good	Excellent	Excellent	Excellent	Excellent	Good	Good
Acid Resistance	Poor-Good	Good-Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Base Resistance	Good	Excellent	Good	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Petroleum Oil Resistance	Excellent	Poor	Good	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Flame Resistance	Poor	Poor	Poor	Good	Good	Good	Excellent	Excellent	Excellent	Excellent
Vegetable Oil Resistance	Excellent	Good (most)	Good (intermittent)	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
3-A Compliant	Yes	Yes	Yes	Yes			Yes		Yes	No

Buna-N is not recommended for use with CIP Sanitizing Agent OXONIA; use EPDM or Silicone.
EPDM or Viton™ is recommended for ozone treated water.



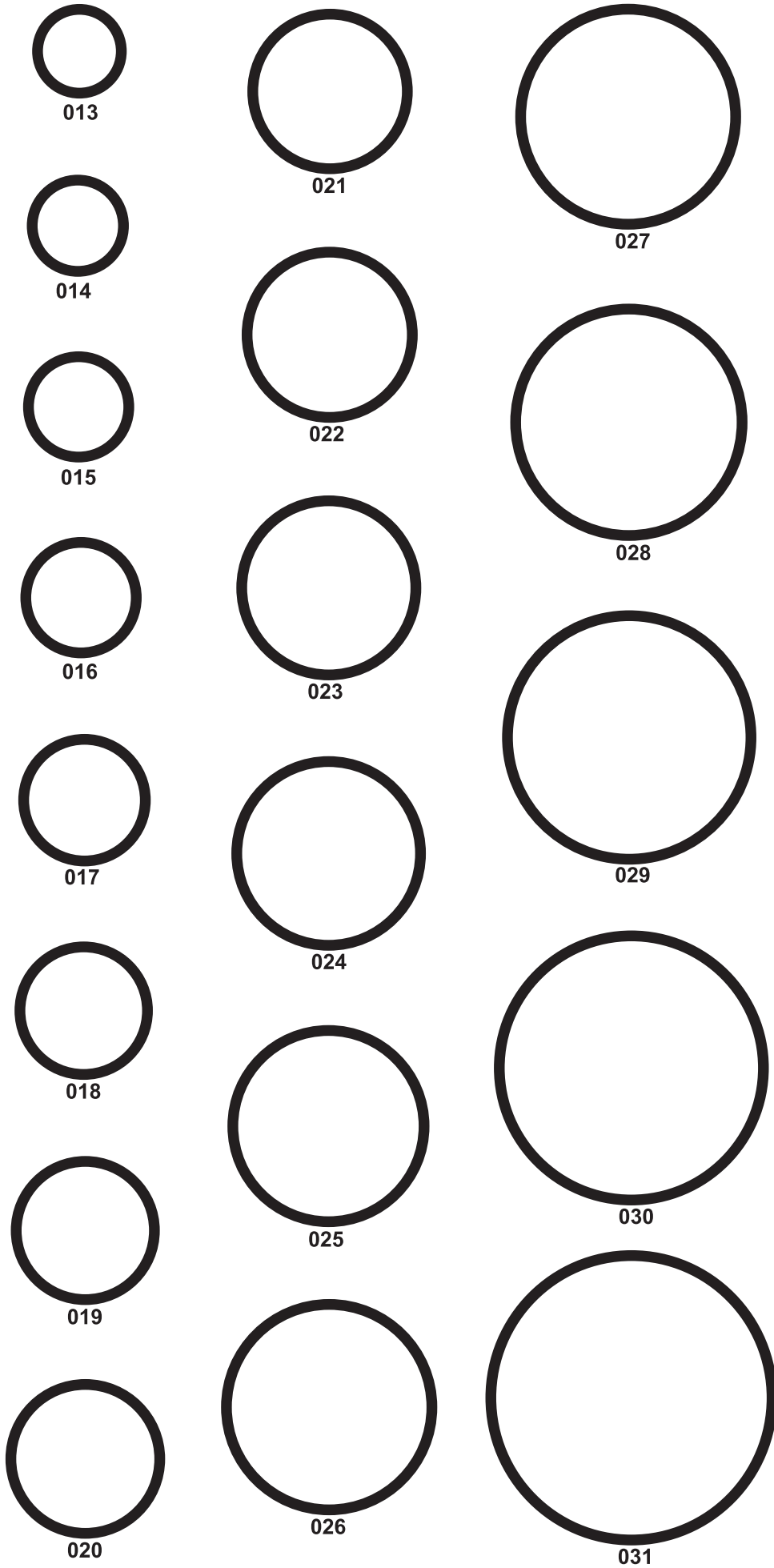
All of the above compounds used in our production meet the criteria set forth by the FDA.

Teflon® is a registered trademark of DuPont and Kalrez® is a registered trademark of DuPont or its affiliates
Viton™ is a trademark of The Chemours Company FC, LLC, used under license by Newman Sanitary Gasket Company

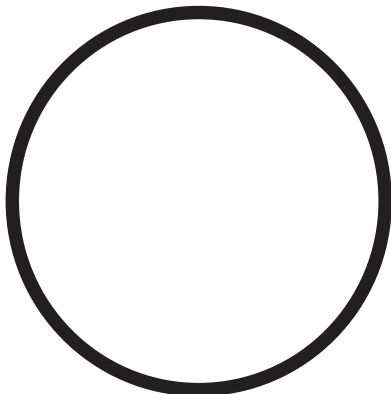
NEWMAN Sanitary Gasket Company

000 SERIES – .070 cross section

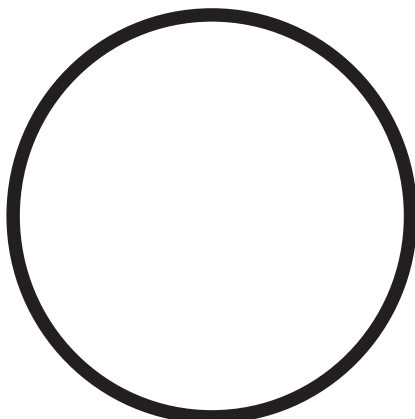
- 001
.040 C/S
- 902 1/2
.040 C/S
- 002
.050 C/S
- 003
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- 004
- 005
- 006
- 007
- 008
- 009
- 010
- 011
- 012



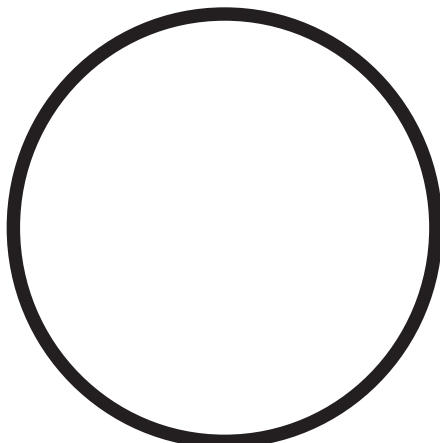
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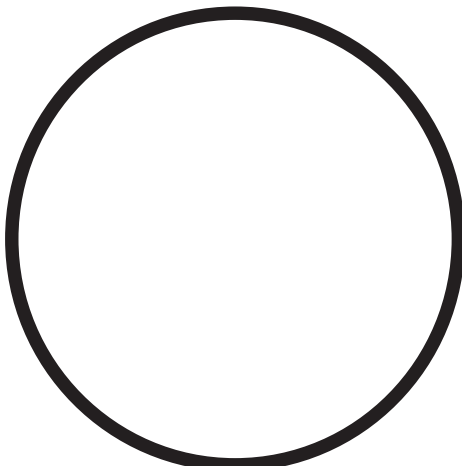
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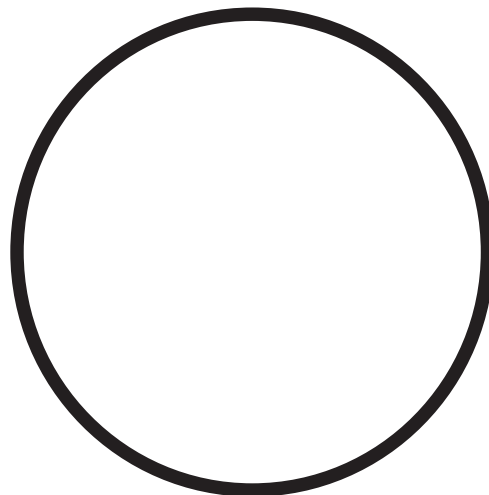
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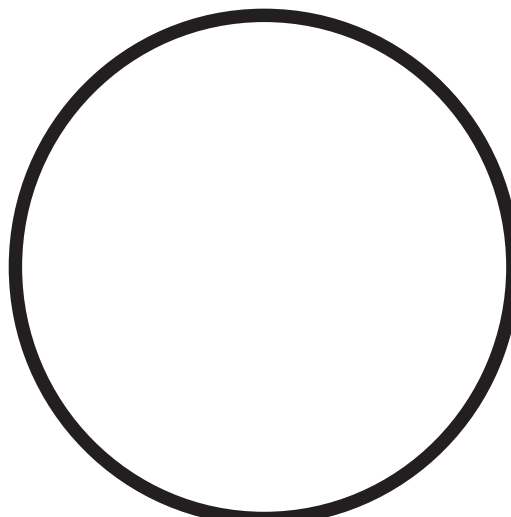
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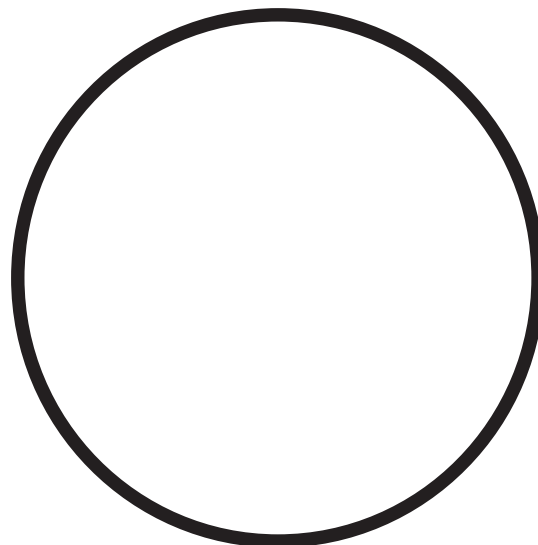
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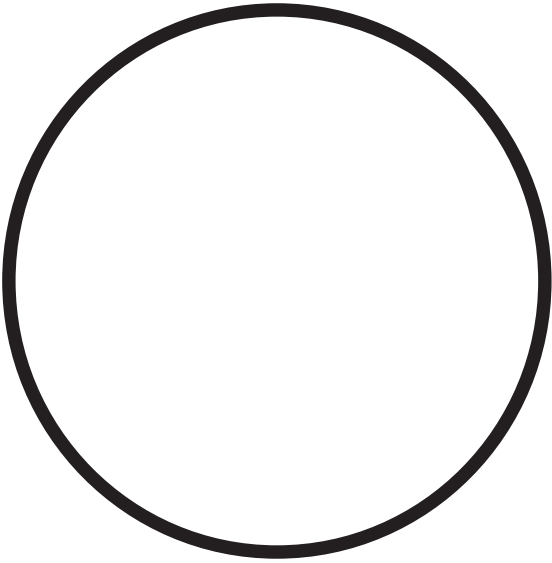


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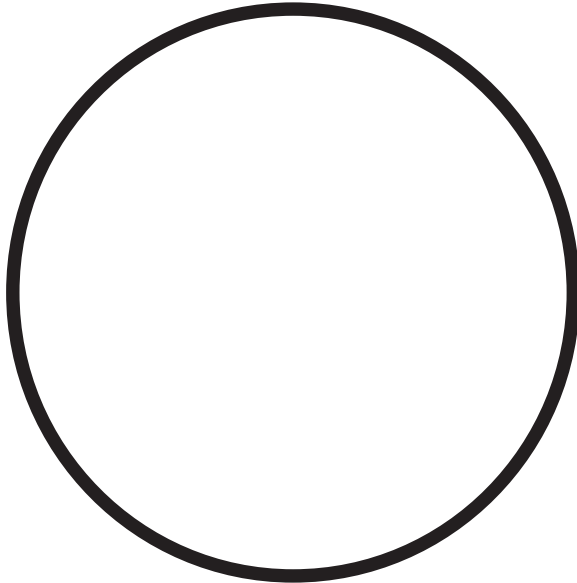


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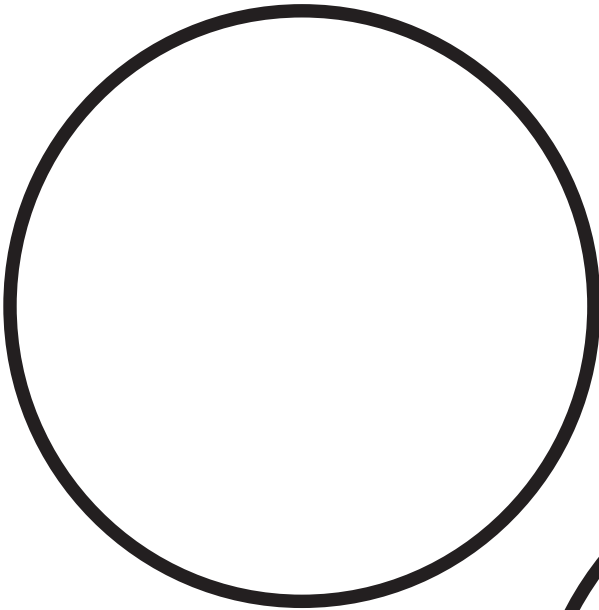
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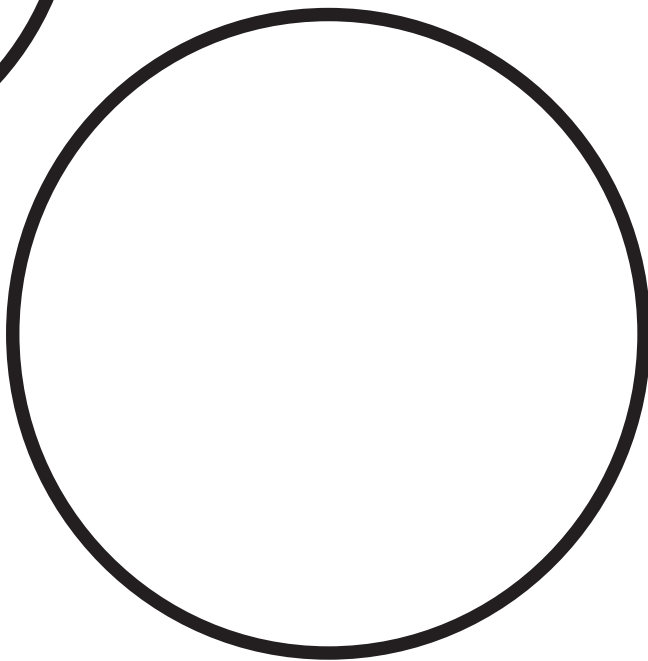
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040



041



042

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000 SERIES

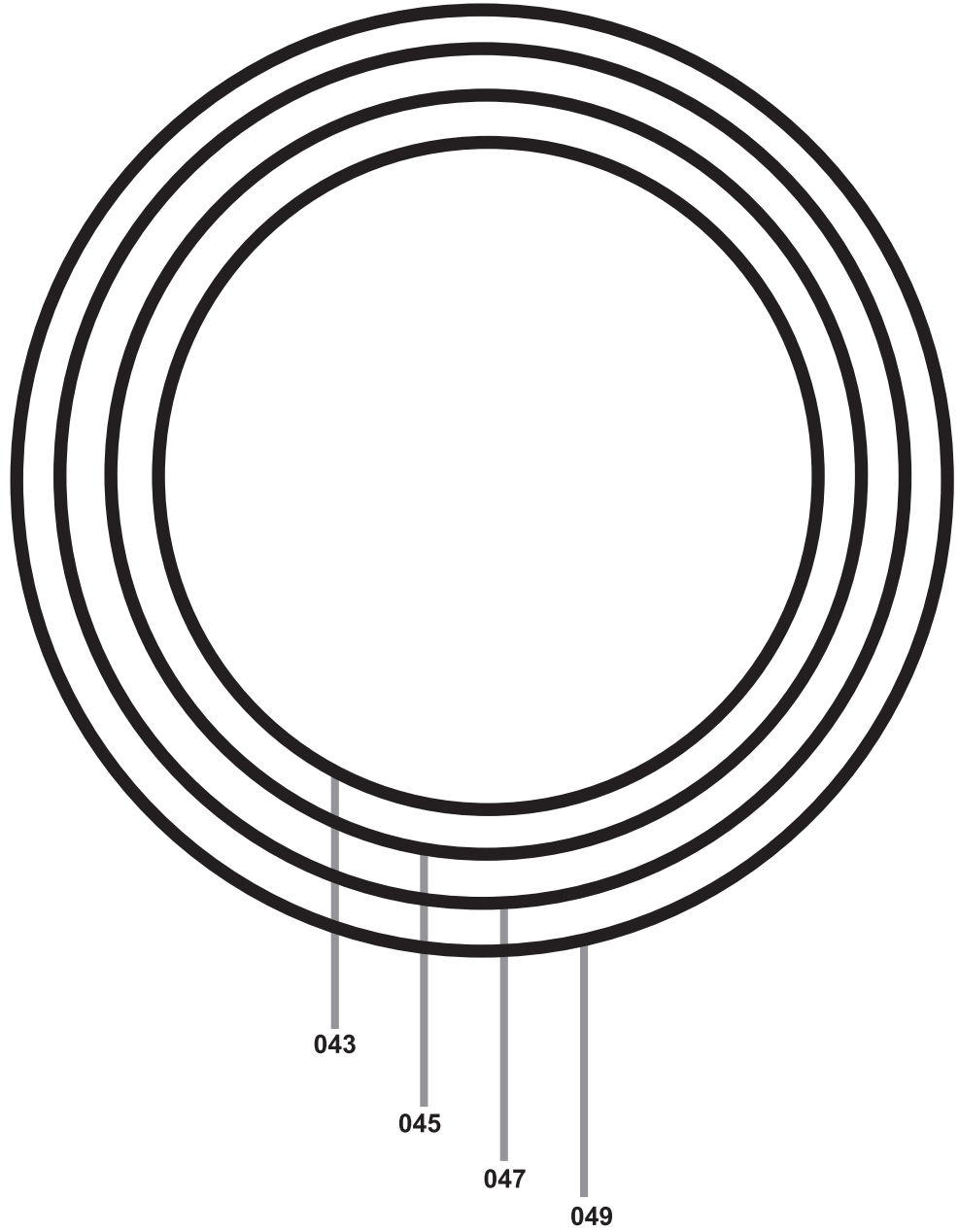
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047

049

000 SERIES IS SPACED IN TWO NUMBER INCREMENTS



000 SERIES

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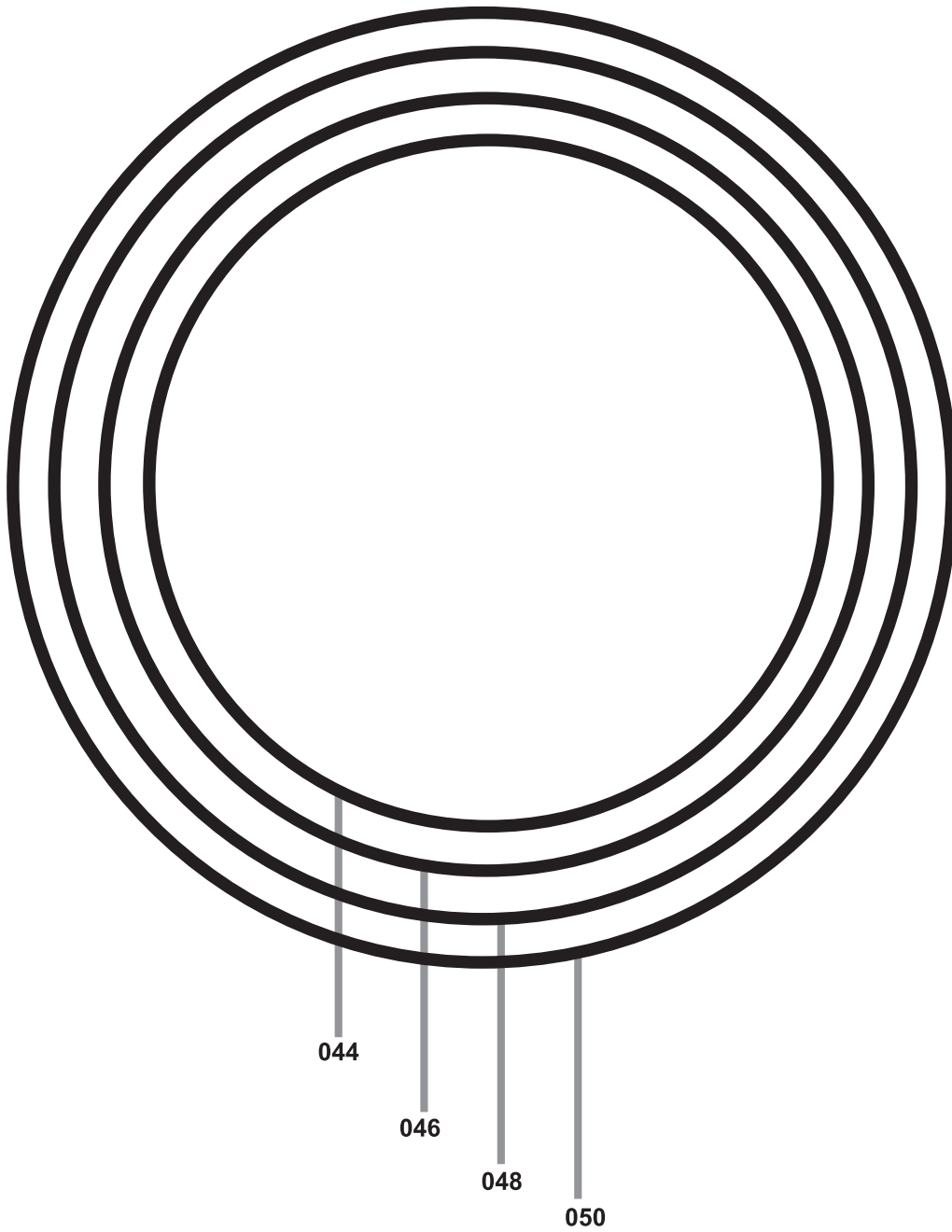
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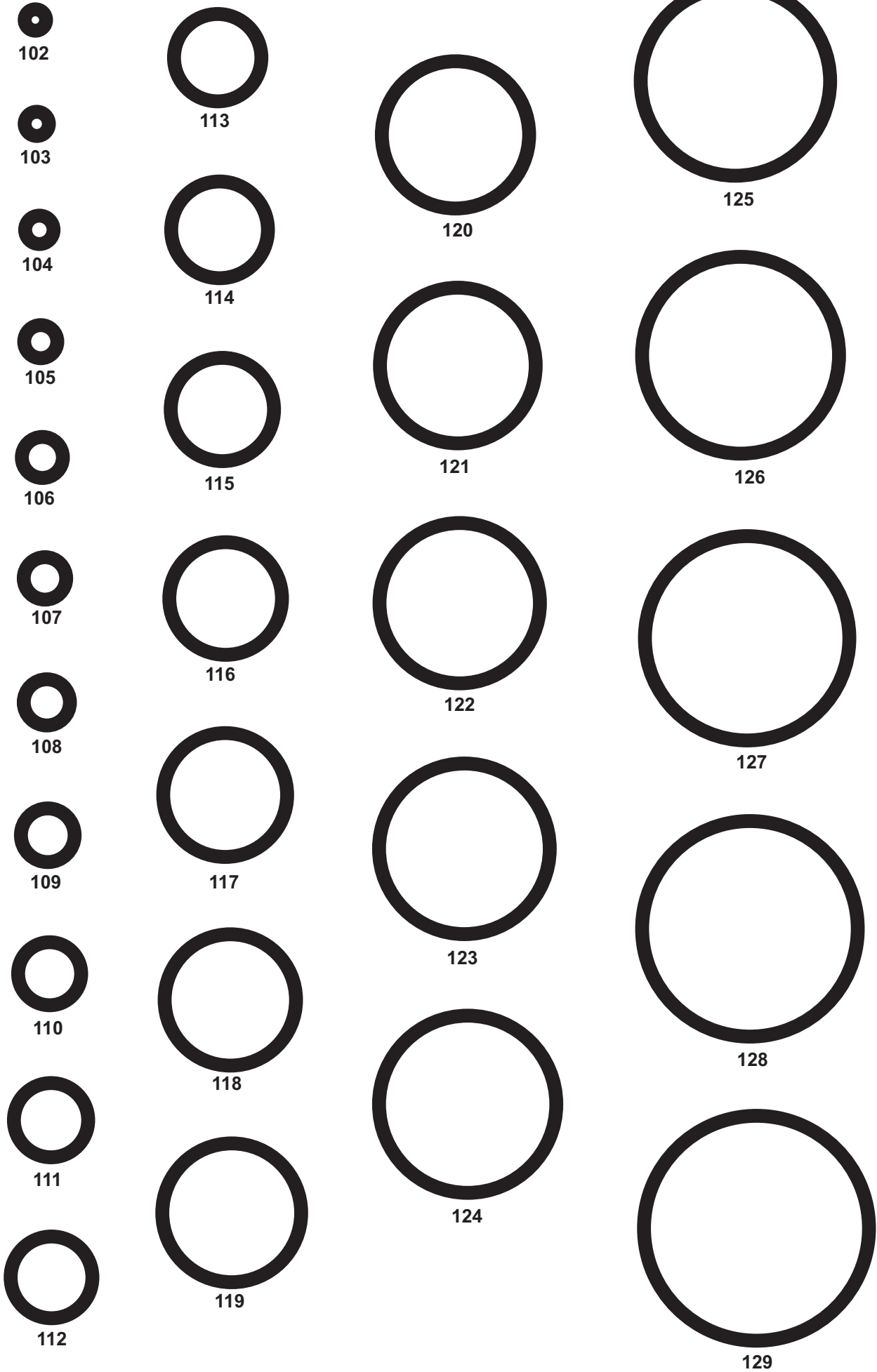
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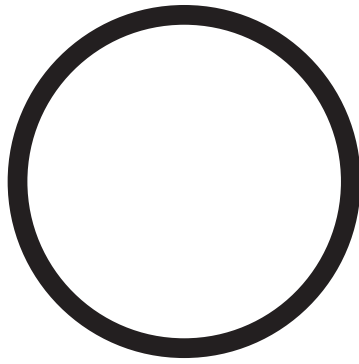
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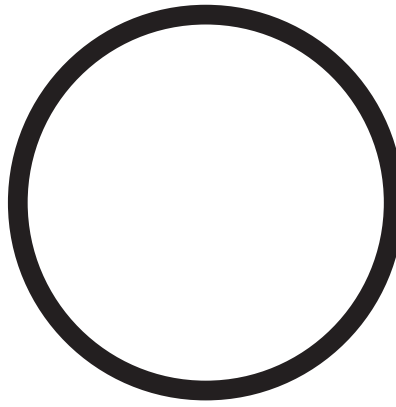
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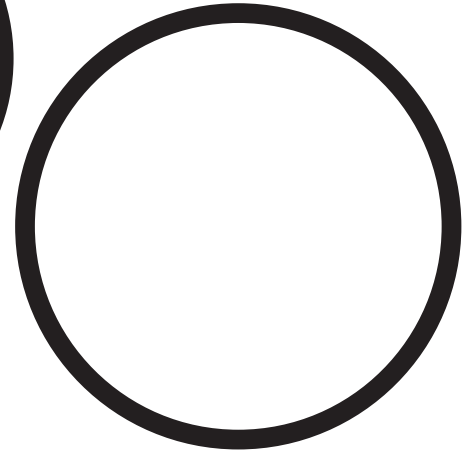
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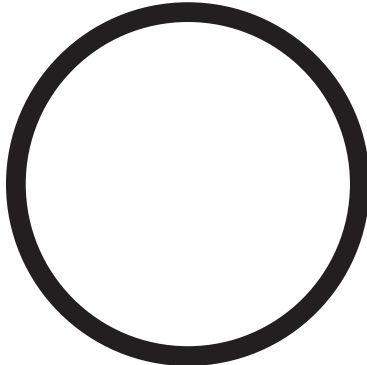
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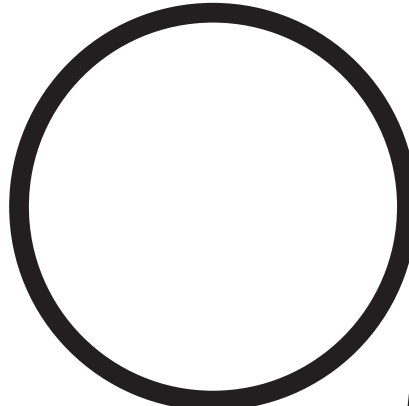
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138



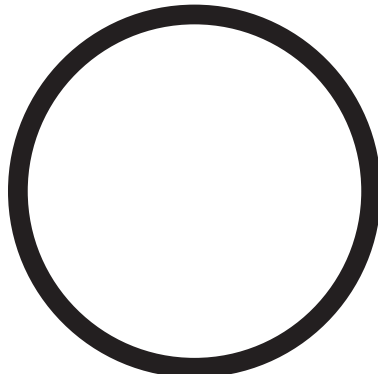
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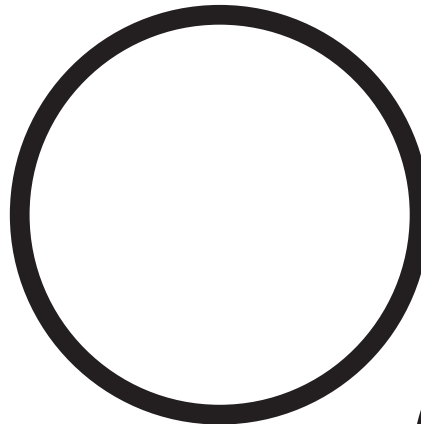
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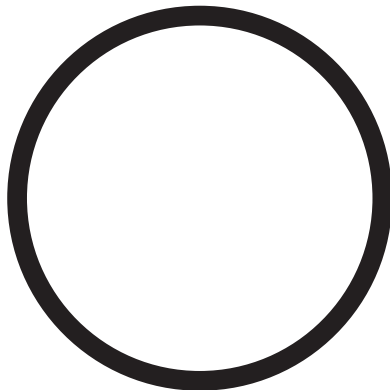
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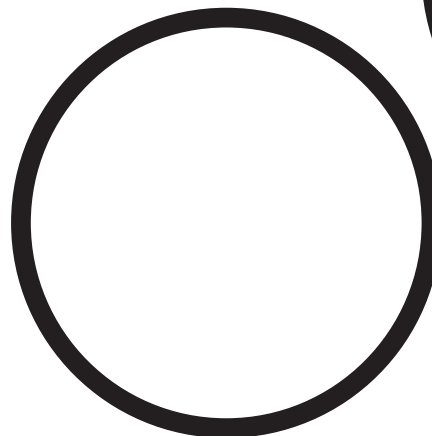
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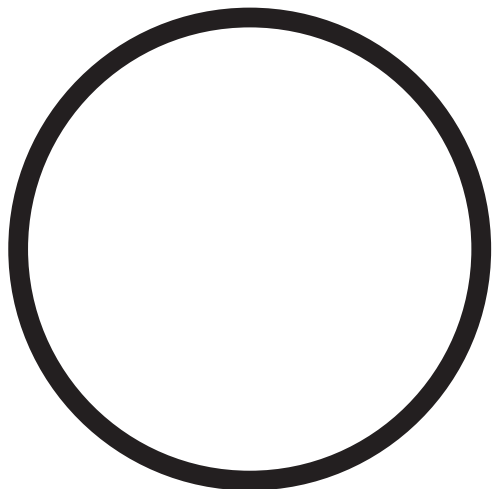


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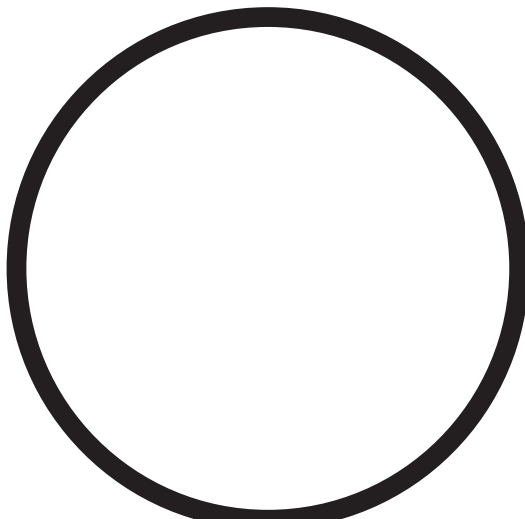


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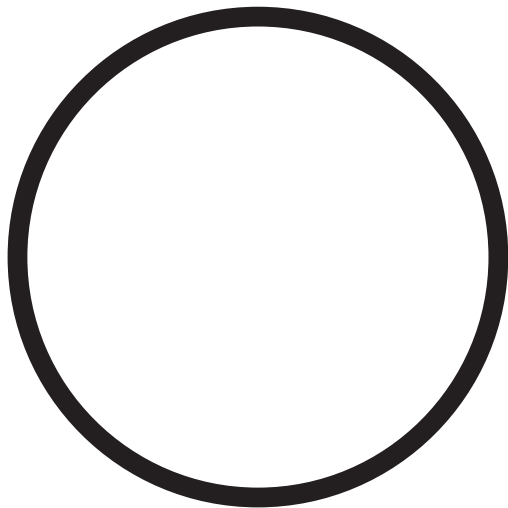
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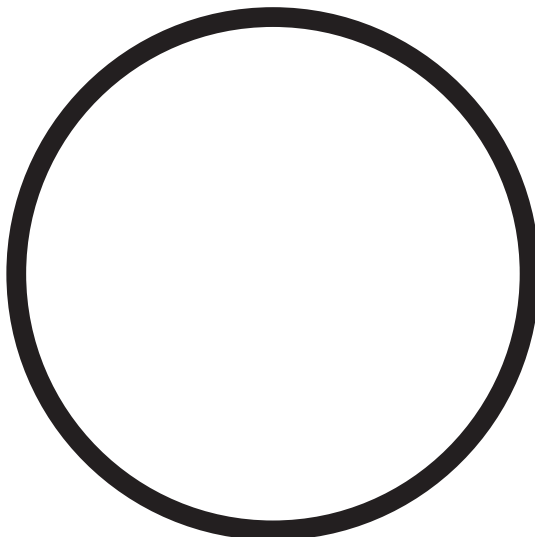
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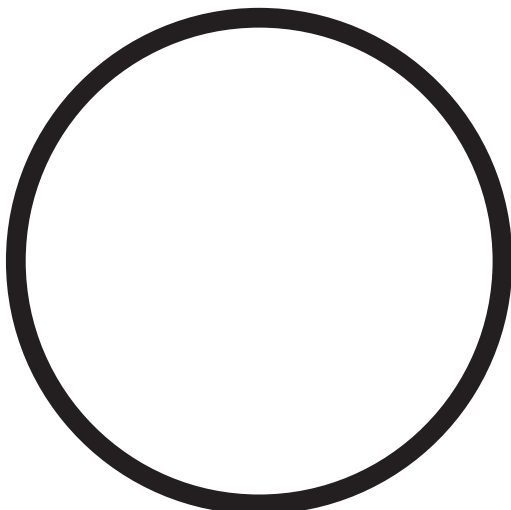
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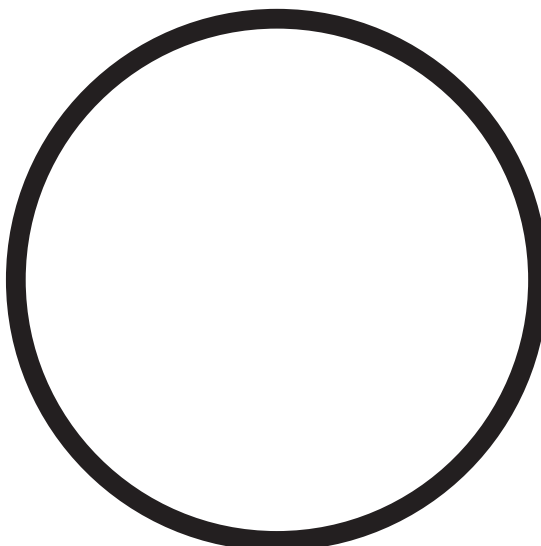
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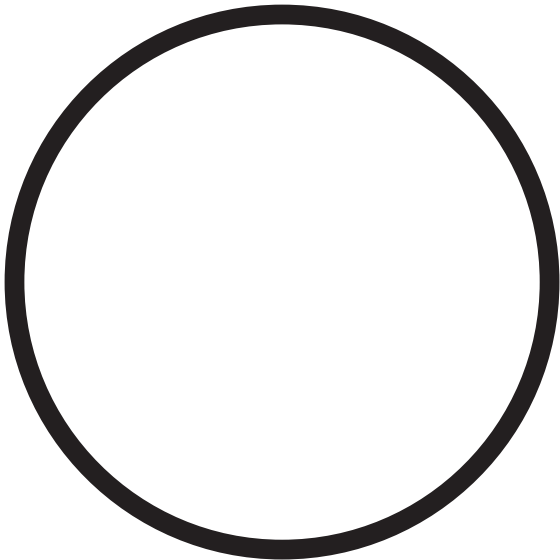
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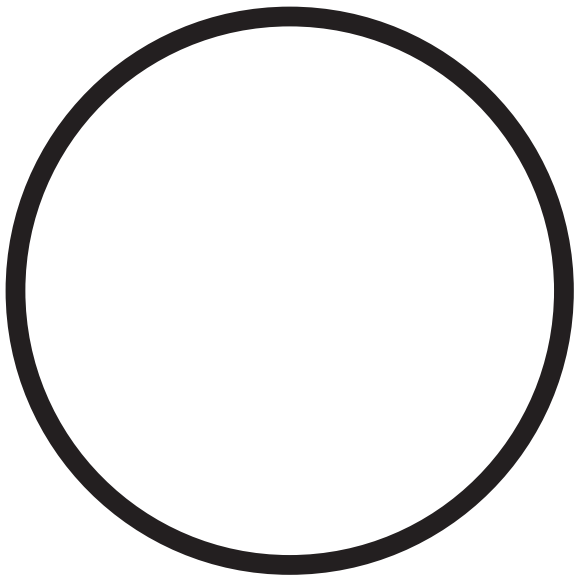
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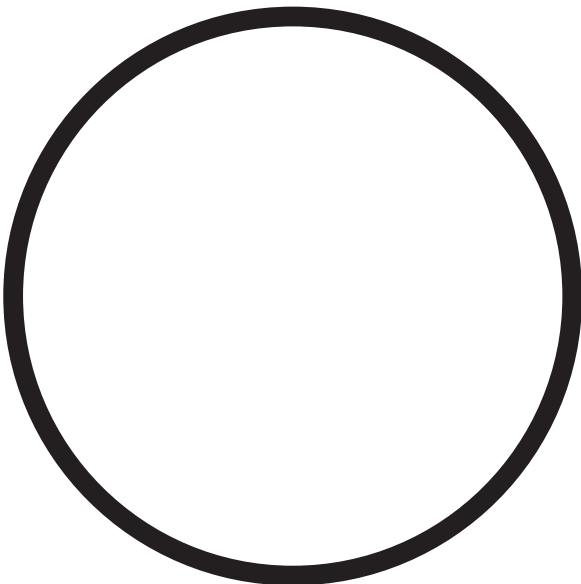
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147



148



149

100 SERIES – .103 cross section

100 SERIES

150

154

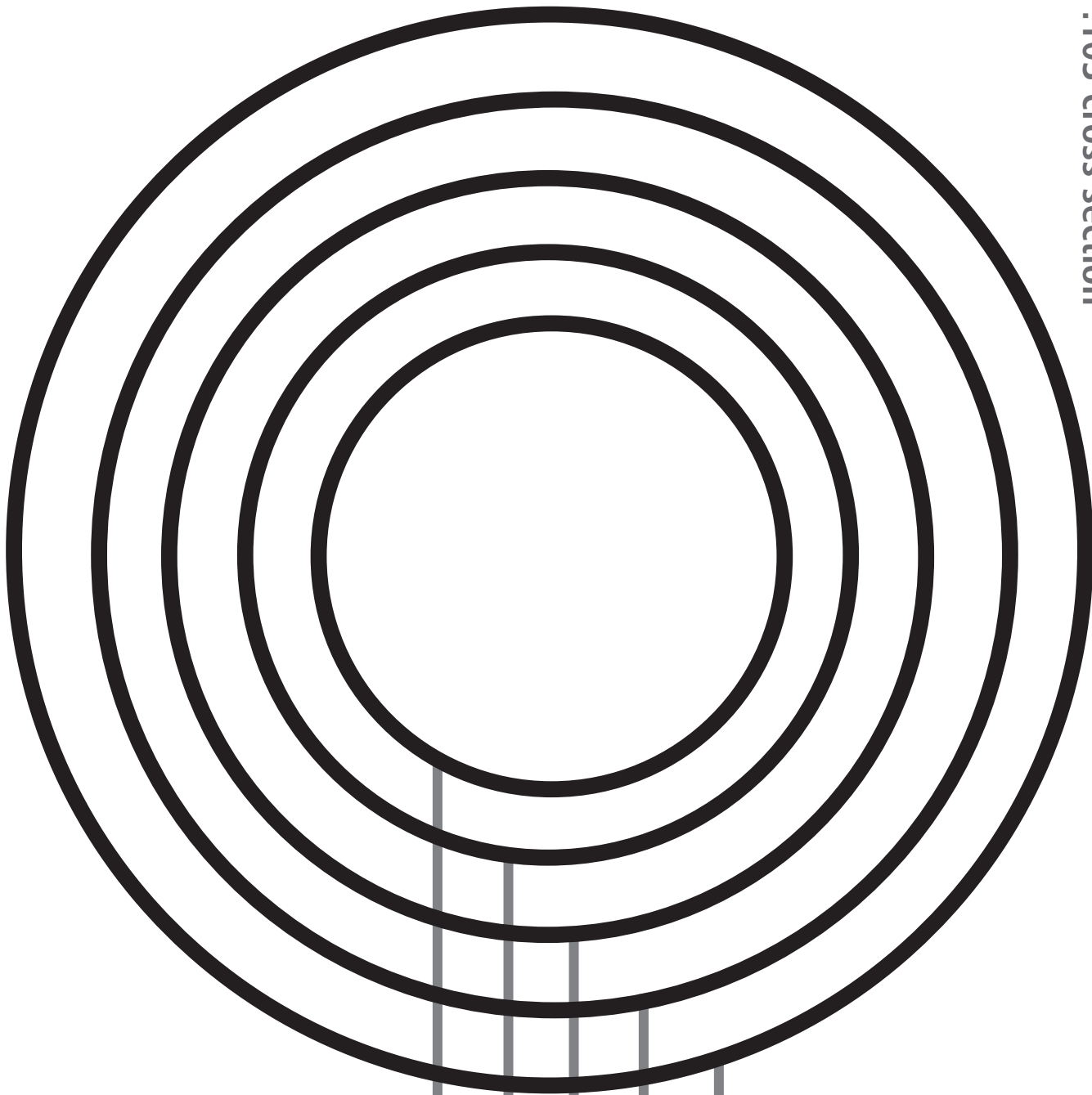
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162

166

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100 SERIES – .103 cross section



150

154

158

162

166

100 SERIES – .103 cross section

100 SERIES

151

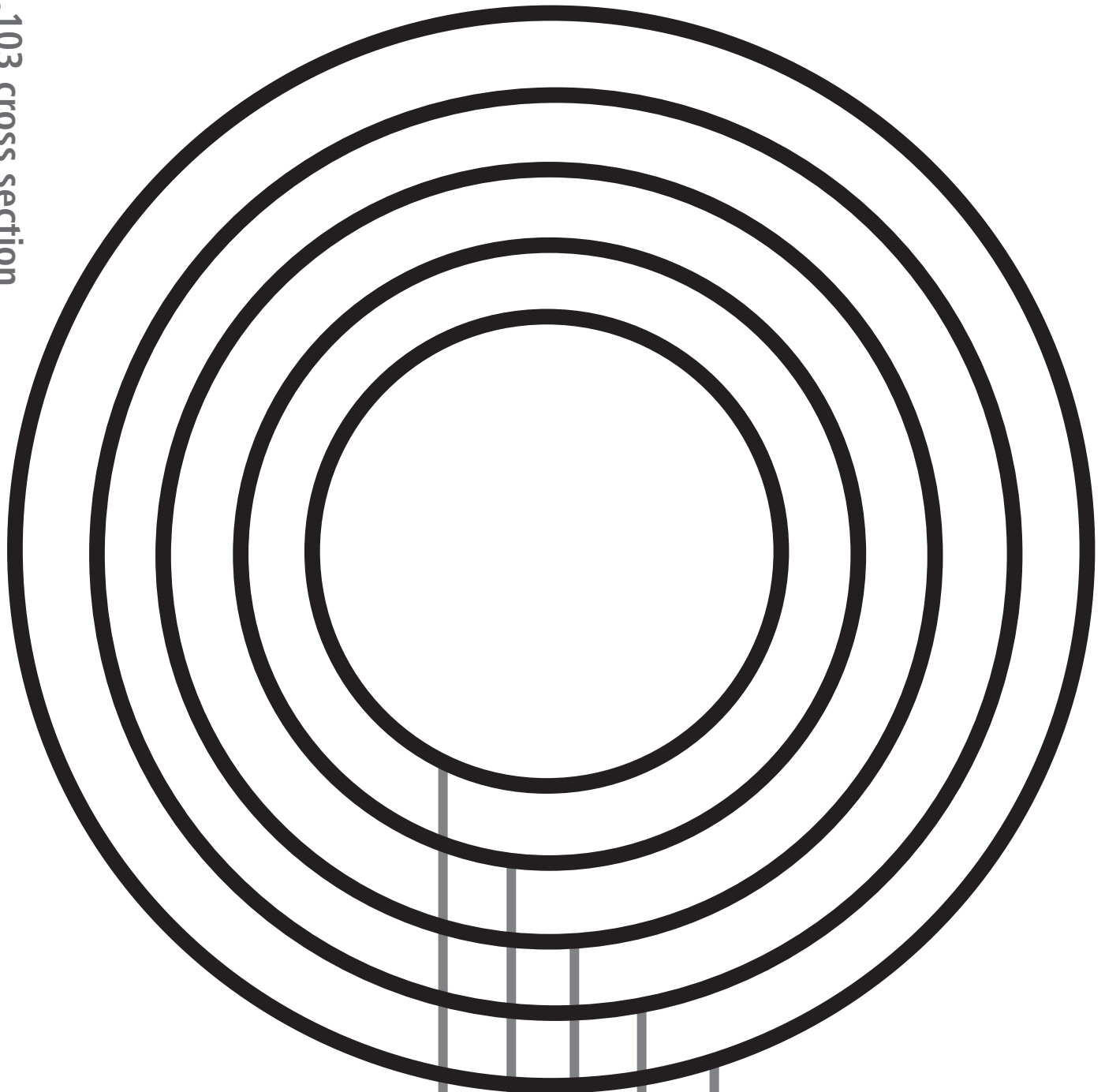
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163

167

100 SERIES

152

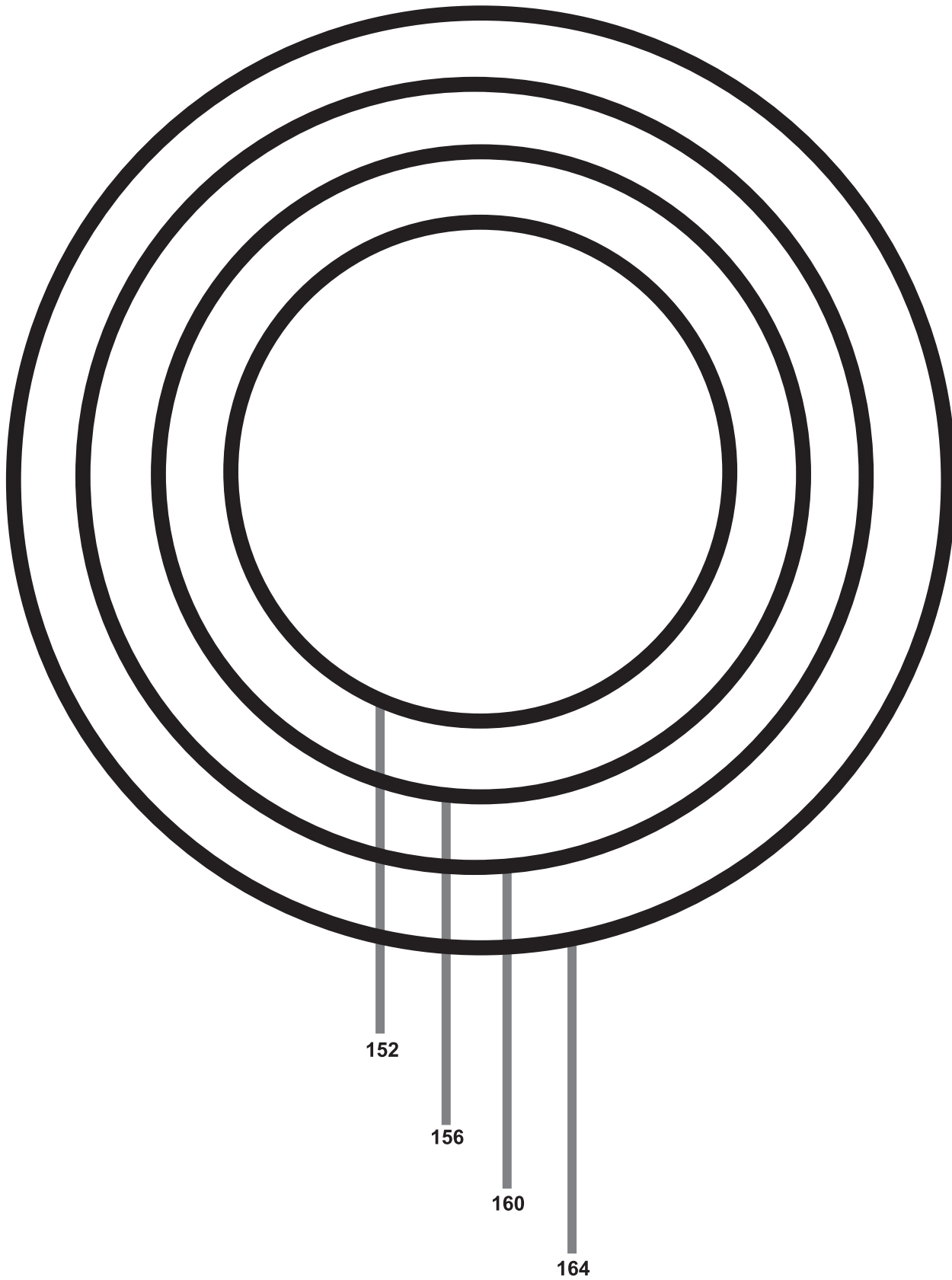
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100 SERIES – .103 cross section



100 SERIES – .103 cross section

100 SERIES

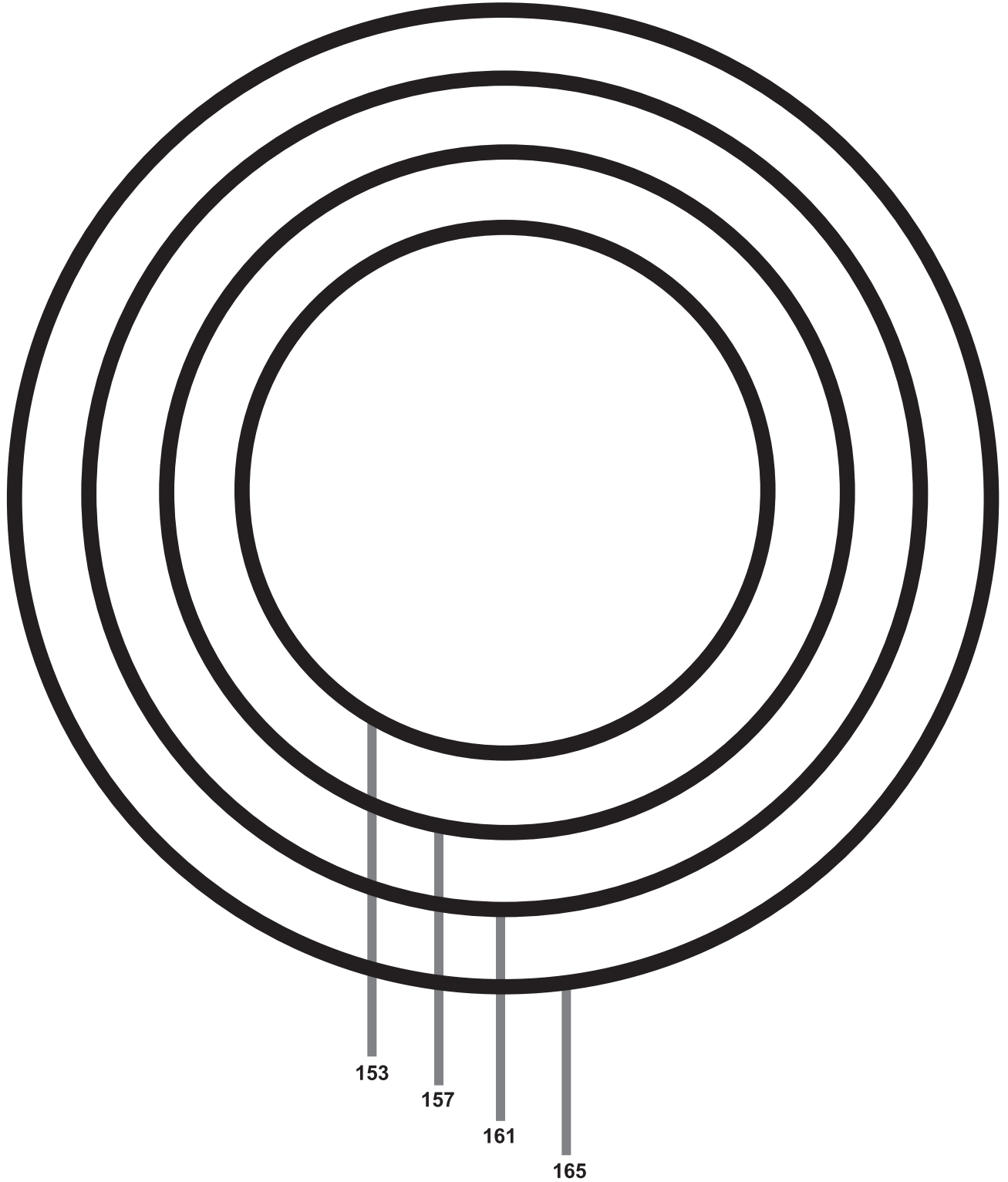
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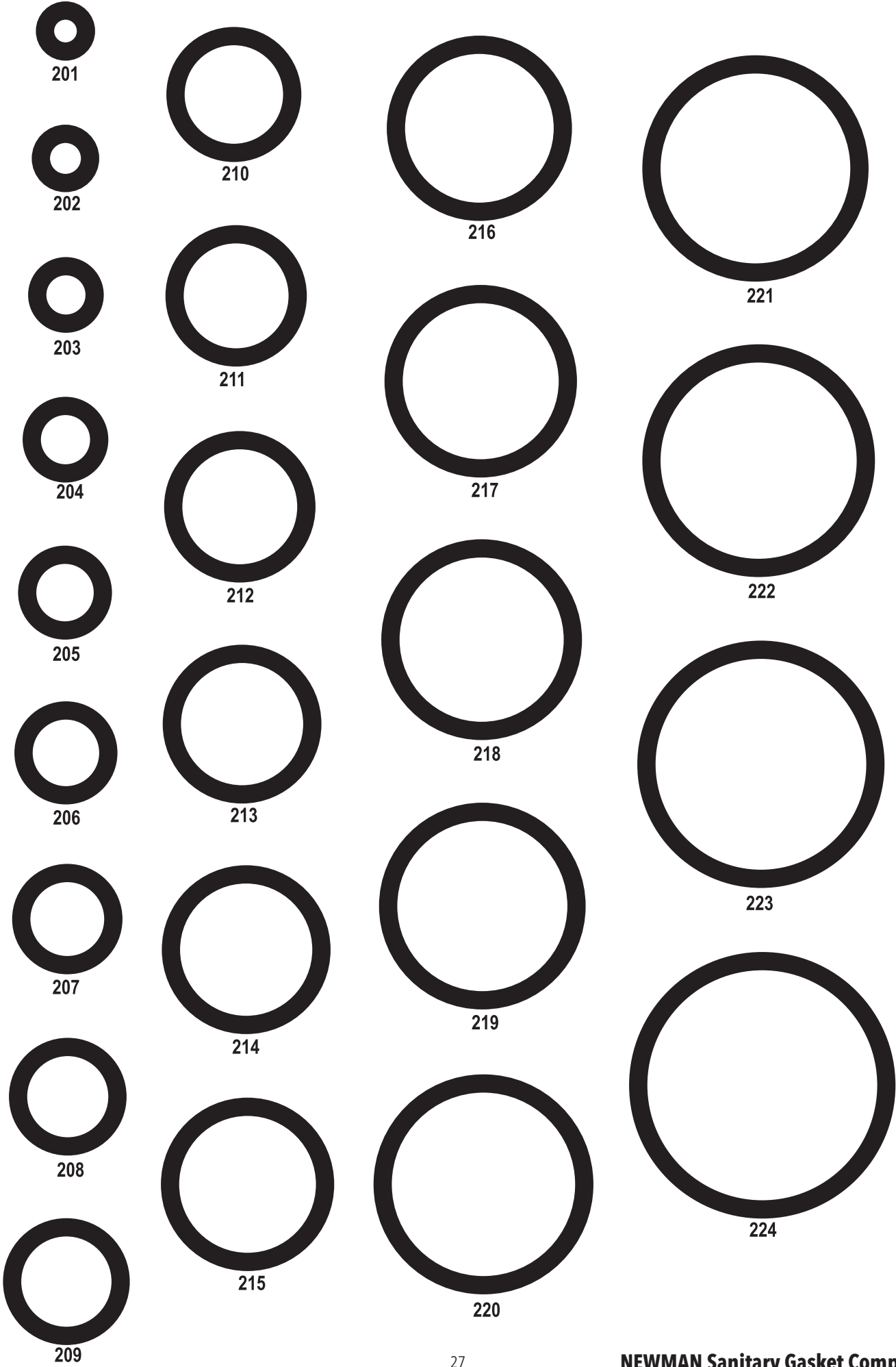
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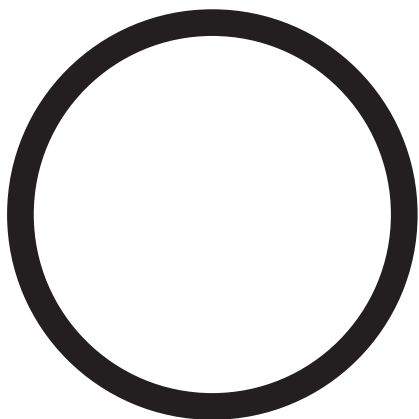
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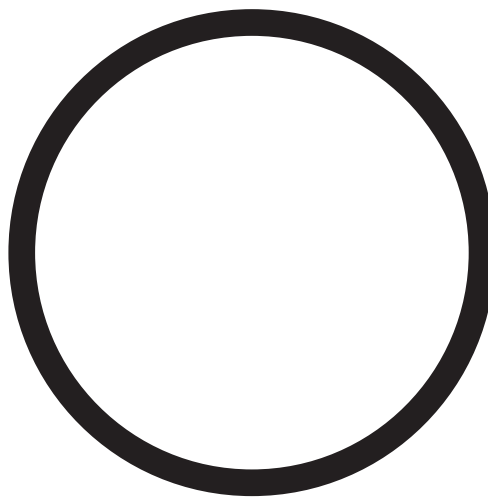
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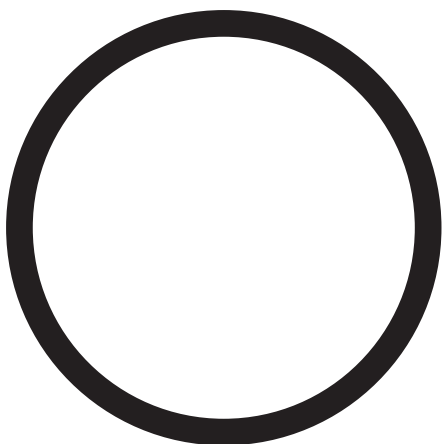
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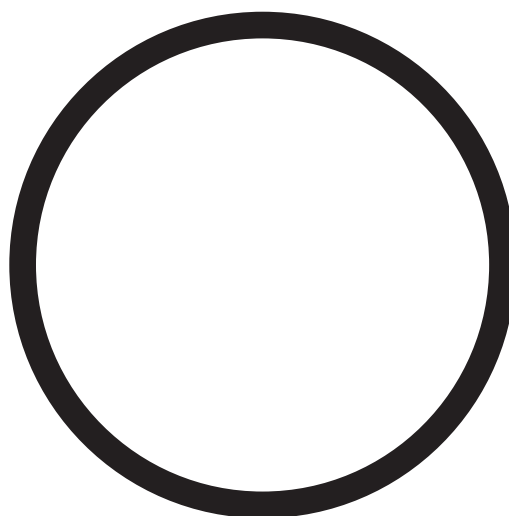
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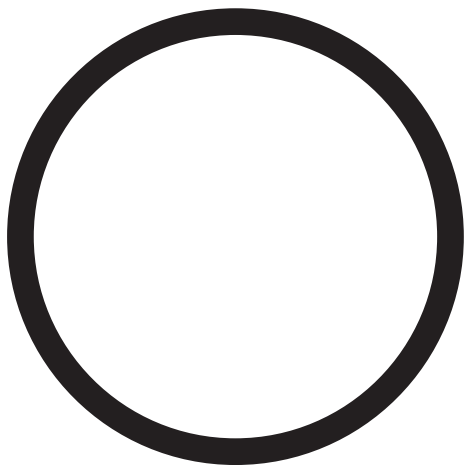
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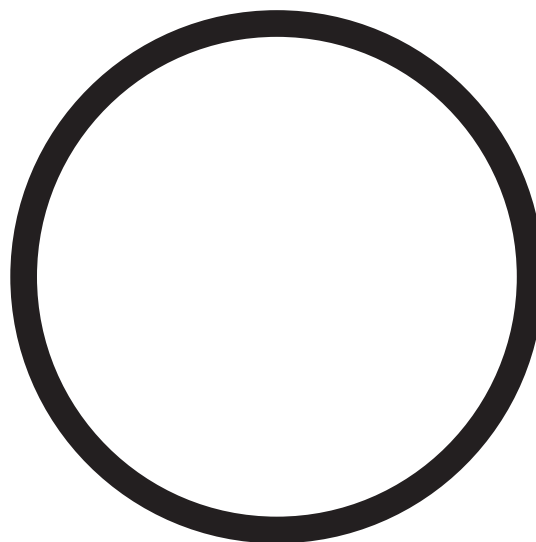
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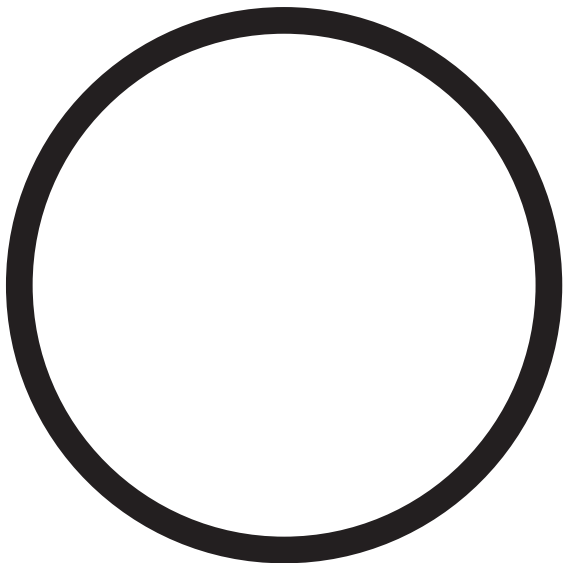


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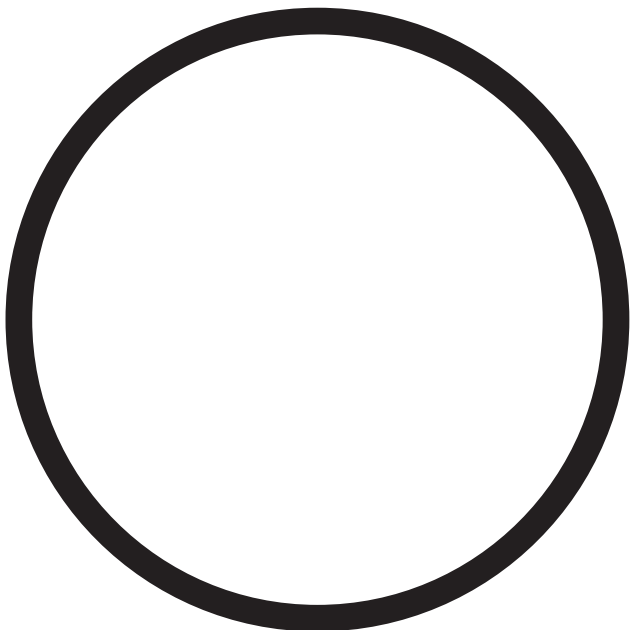


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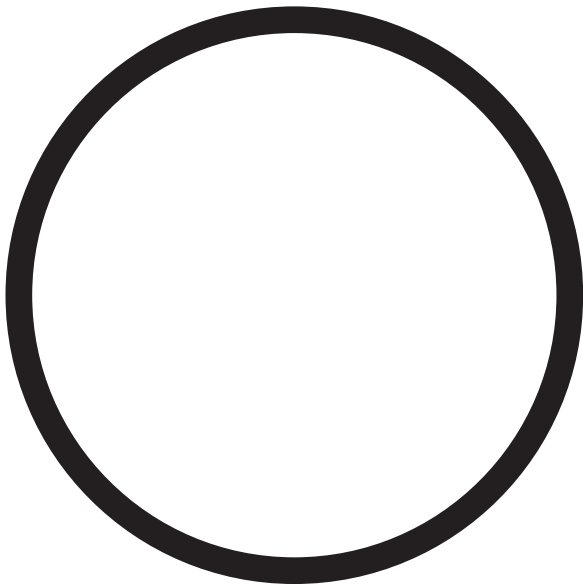
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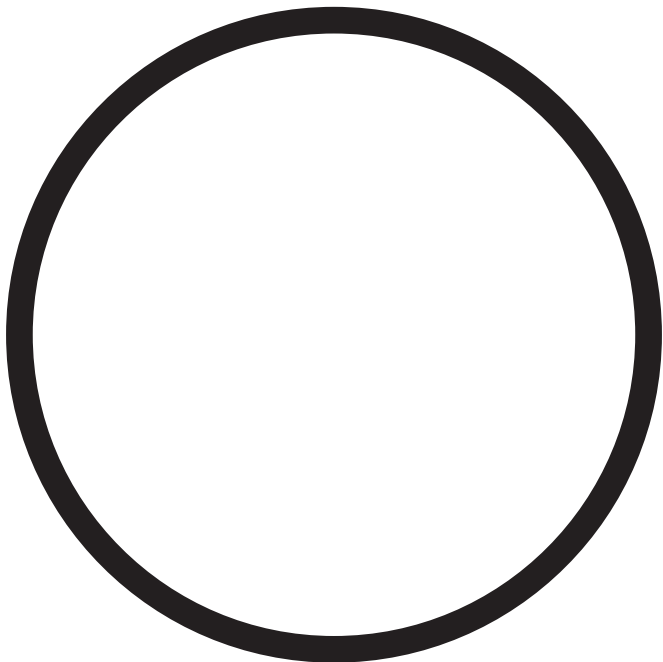
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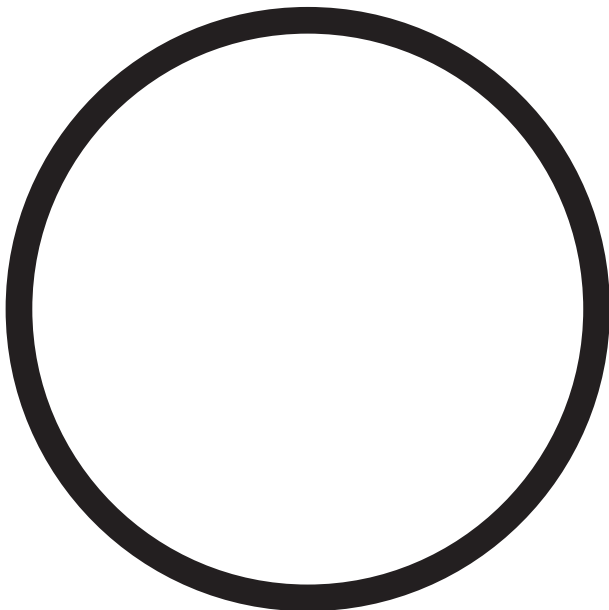
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232



235



233

200 SERIES – .139 cross section

200 SERIES

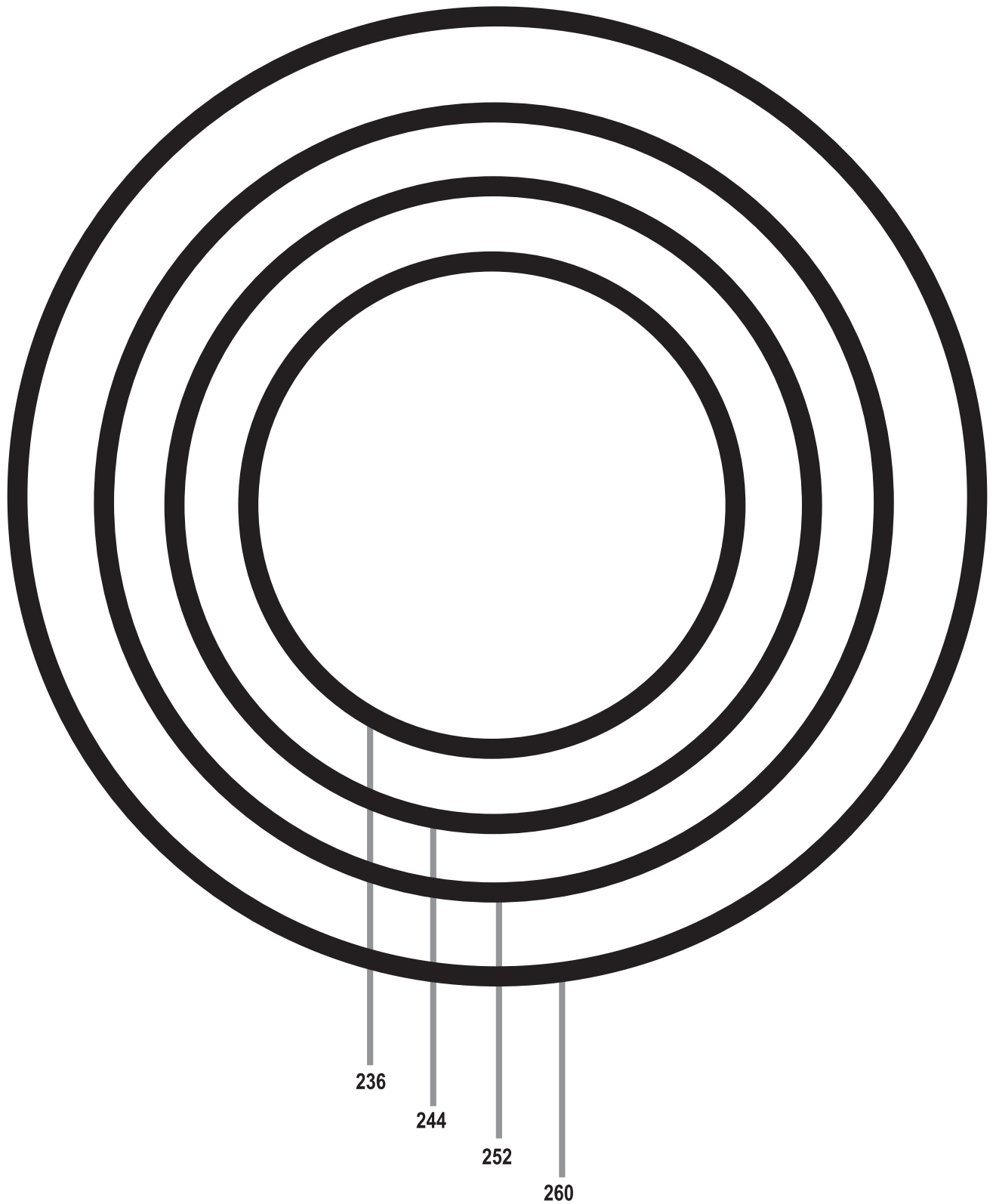
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200 SERIES

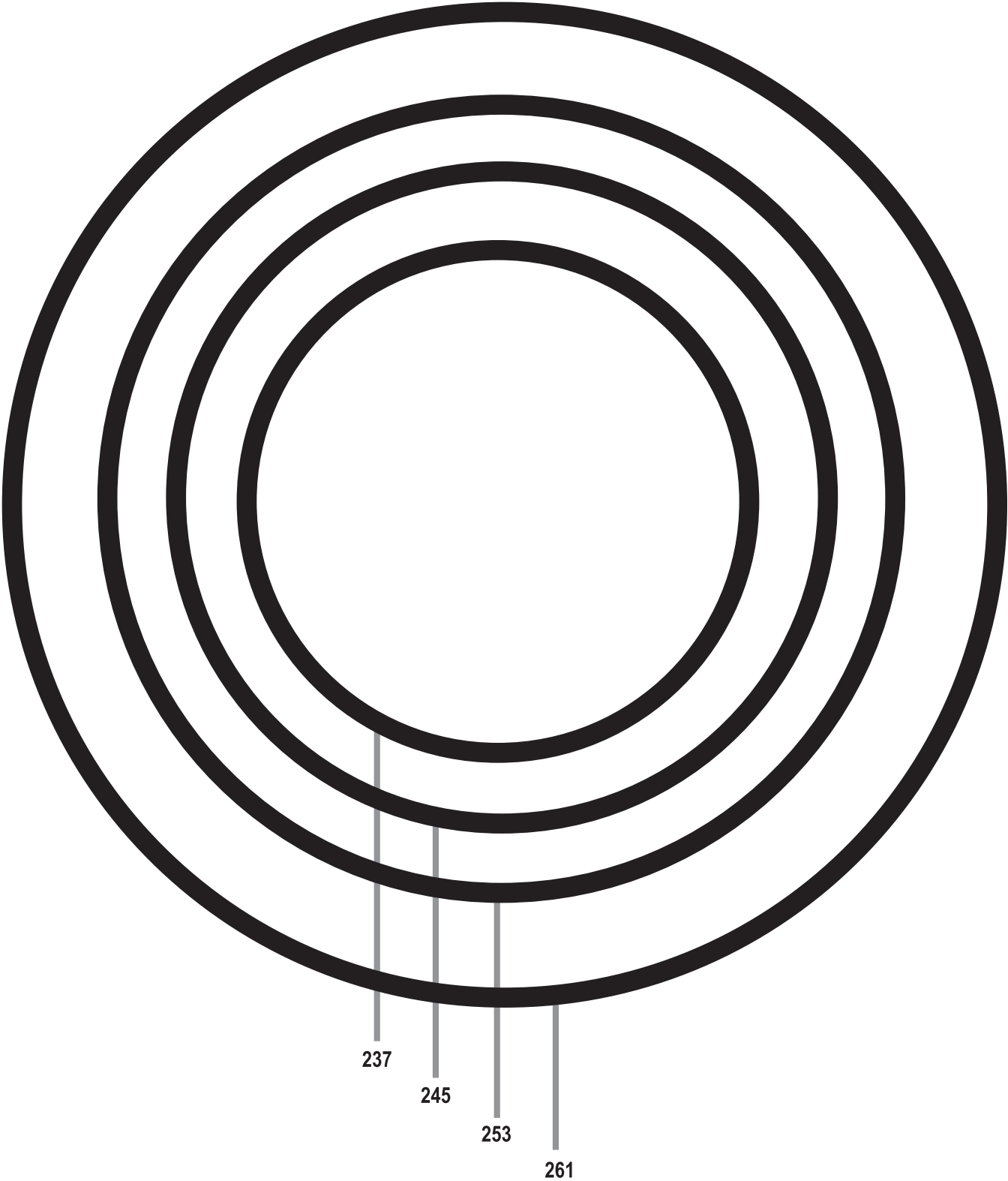
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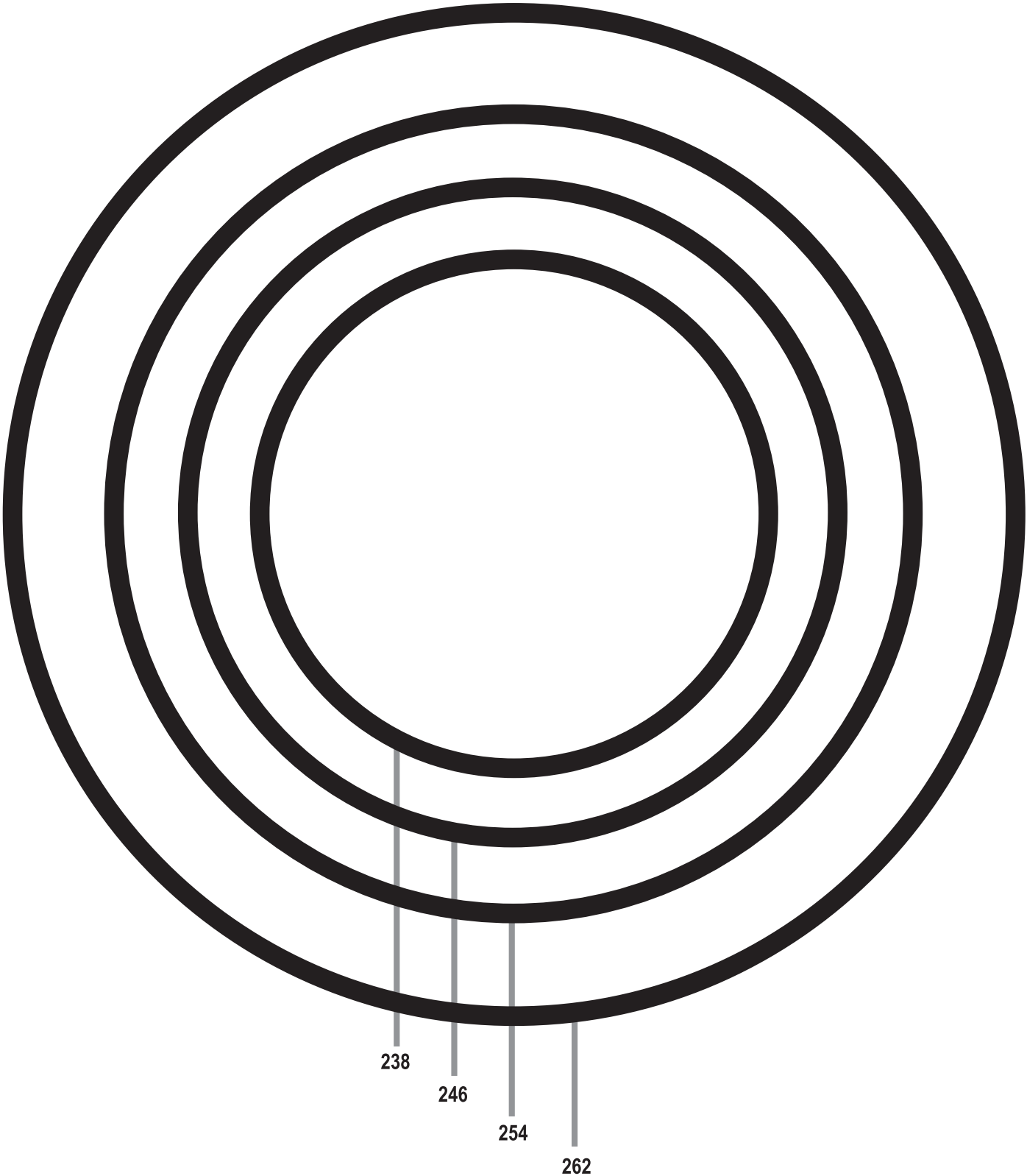
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200 SERIES – .139 cross section

200 SERIES 238 246 254 262

200 SERIES IS SPACED IN EIGHT NUMBER INCREMENTS



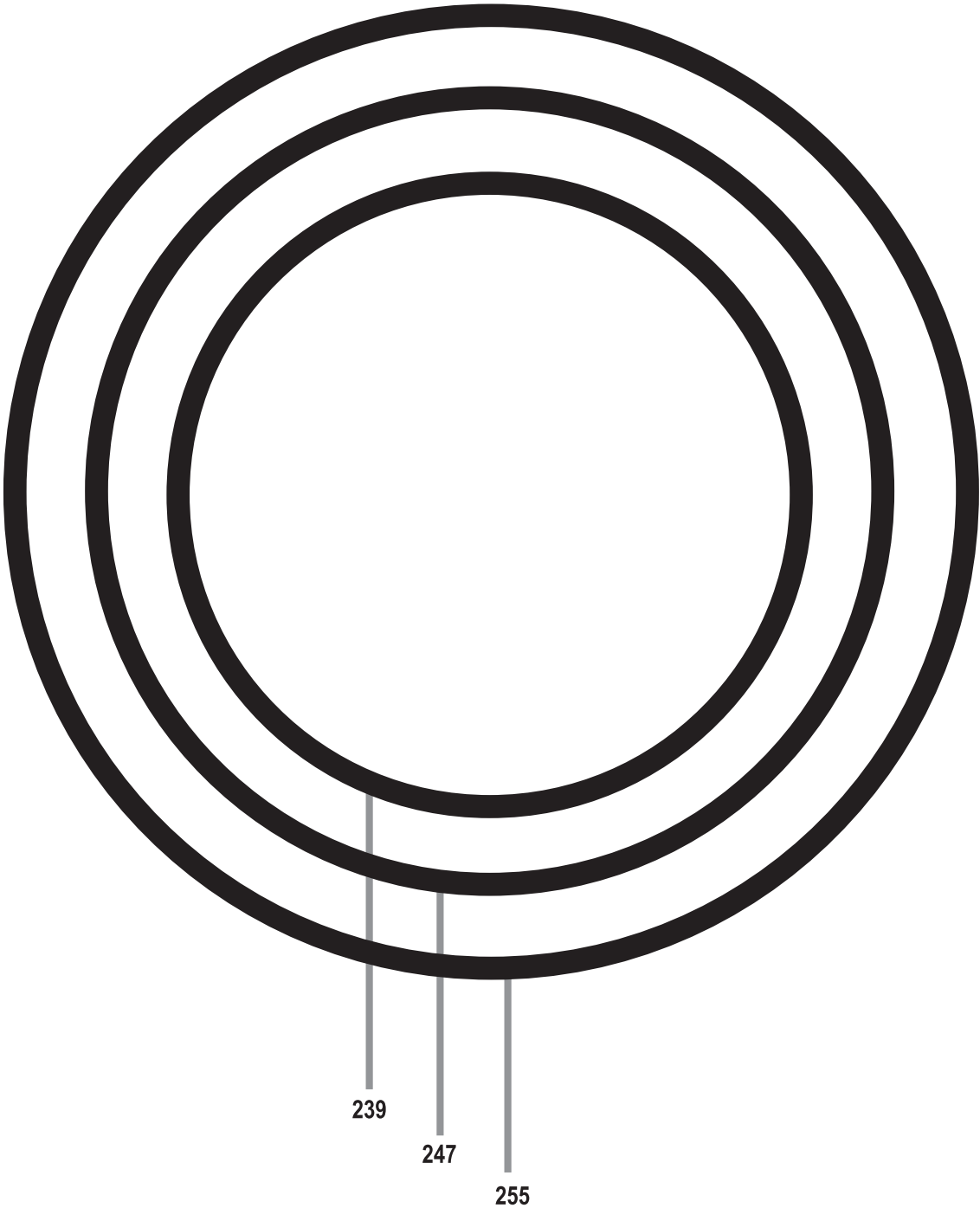
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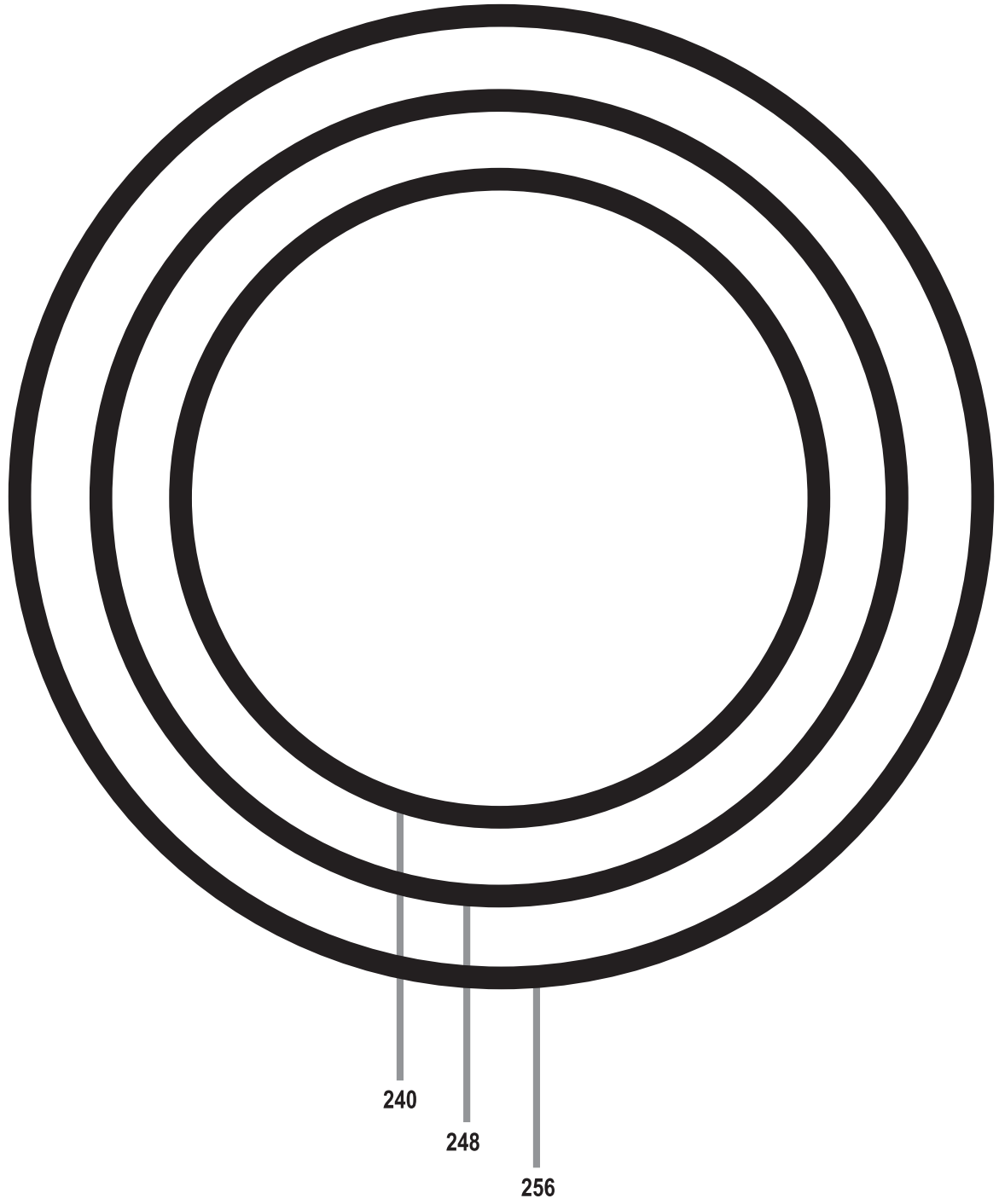
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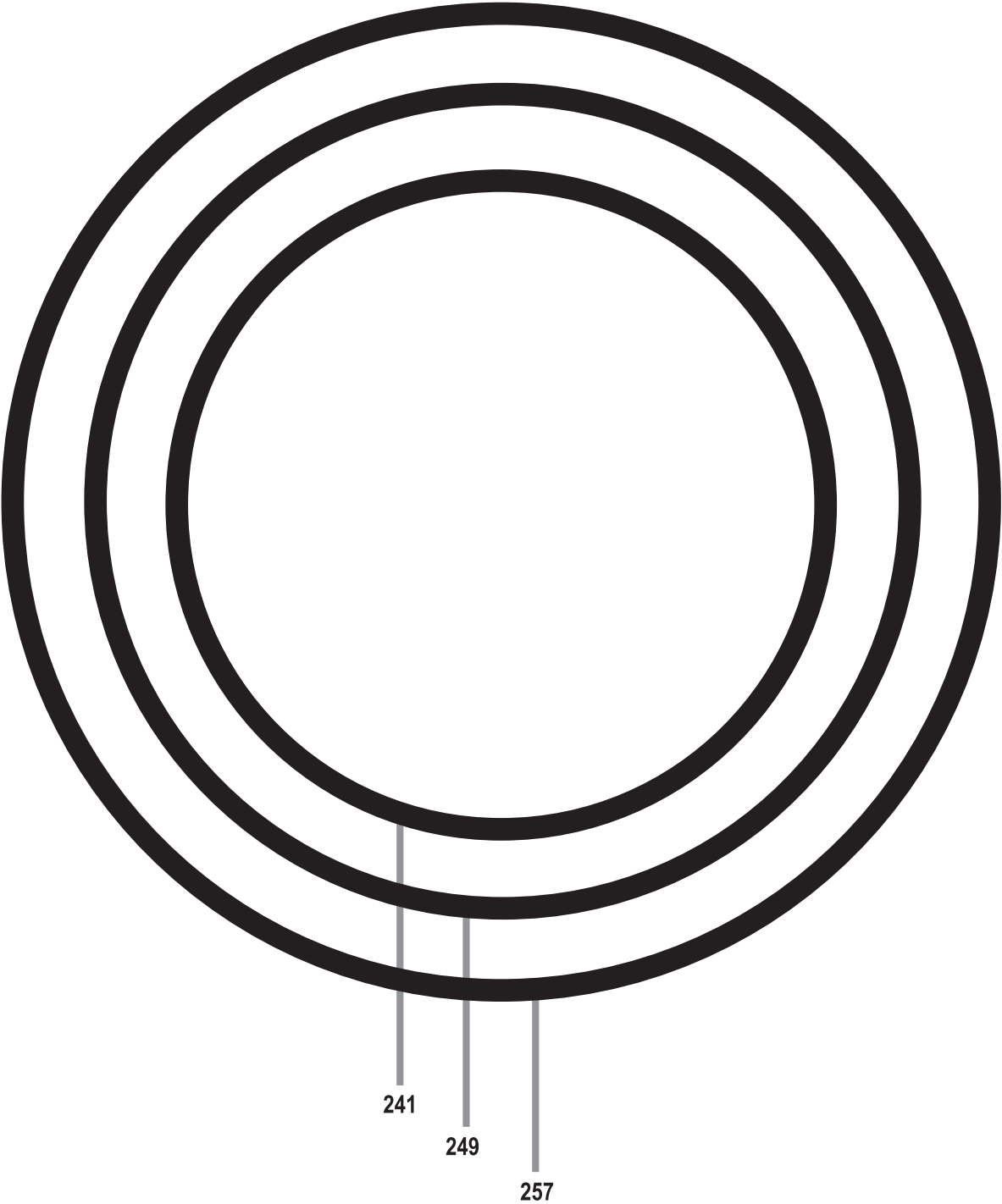
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200 SERIES – .139 cross section

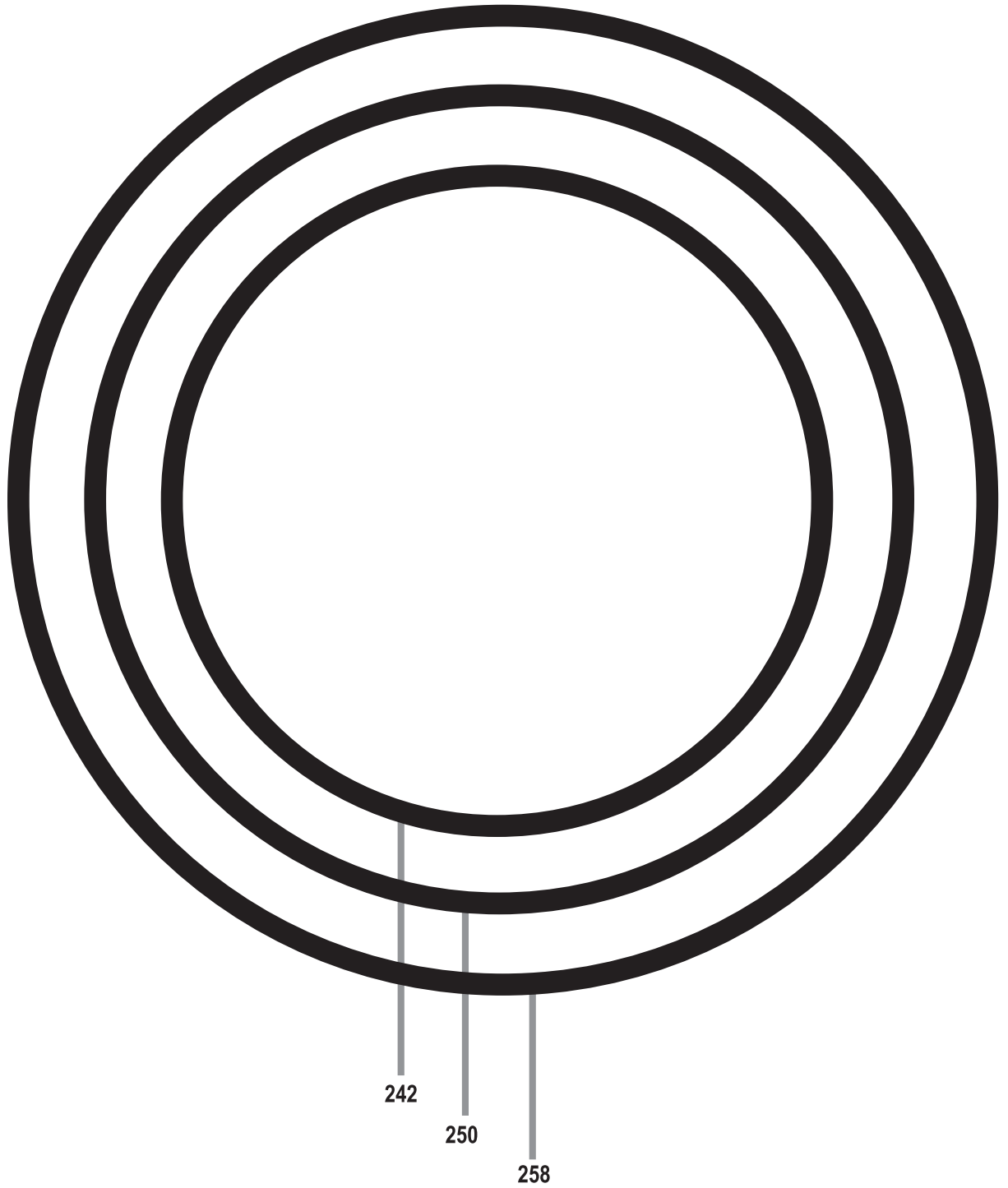
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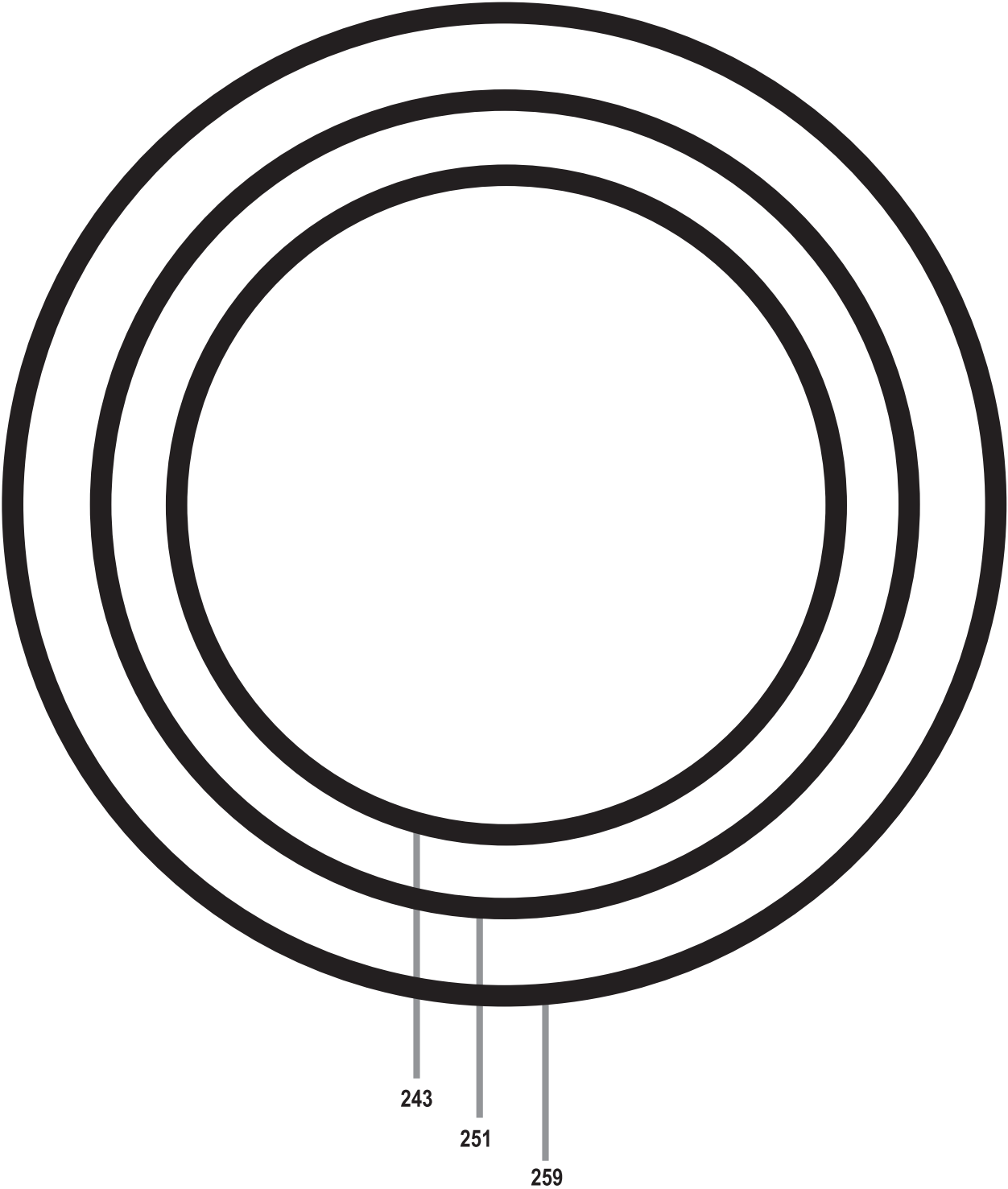
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200 SERIES IS SPACED IN EIGHT NUMBER INCREMENTS





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310



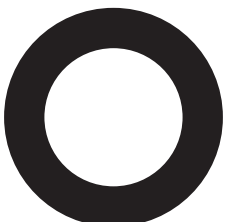
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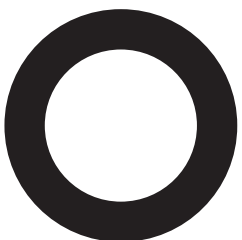
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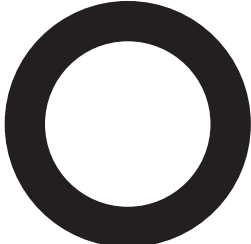
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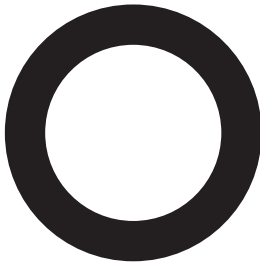
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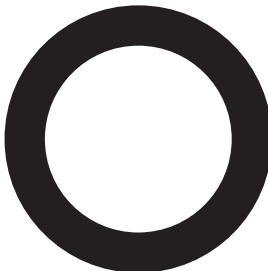
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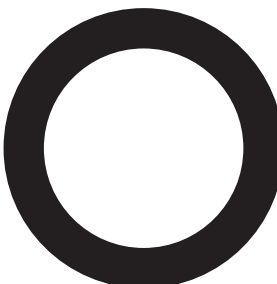
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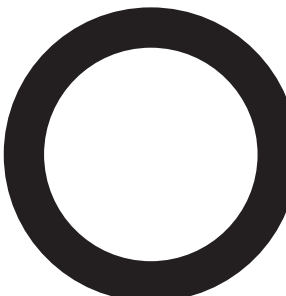
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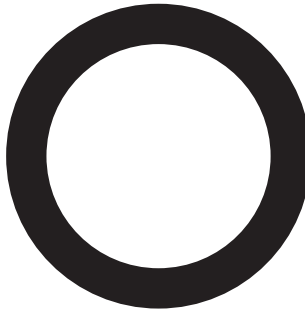
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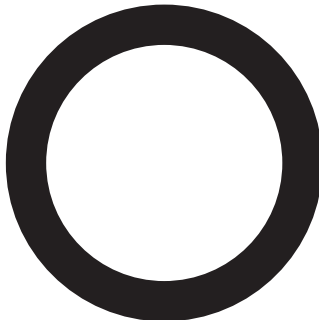
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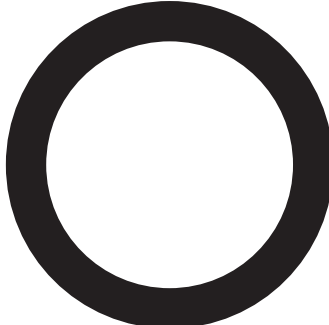
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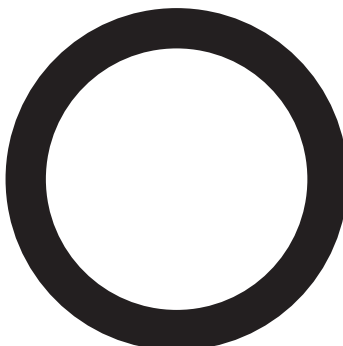
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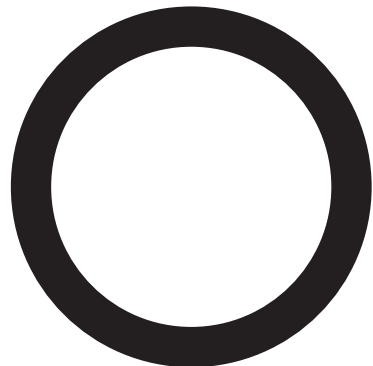
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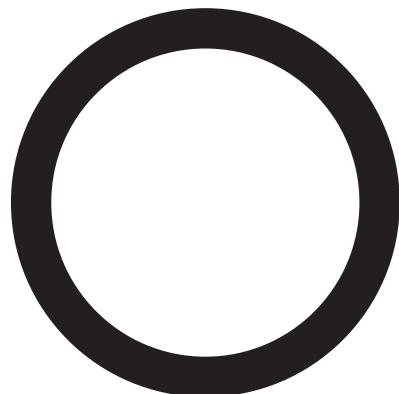
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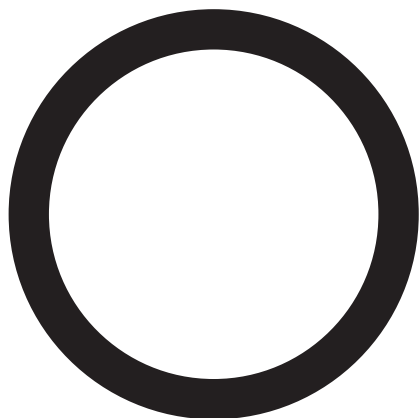
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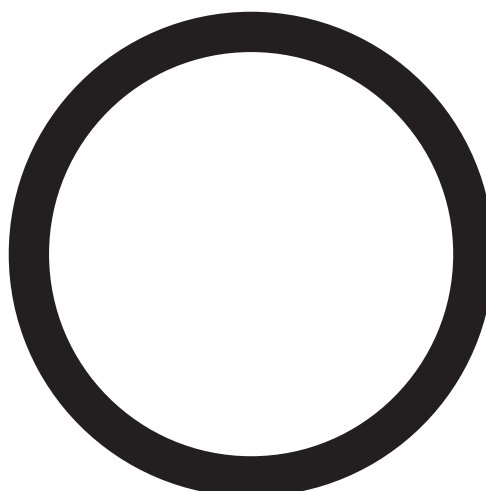
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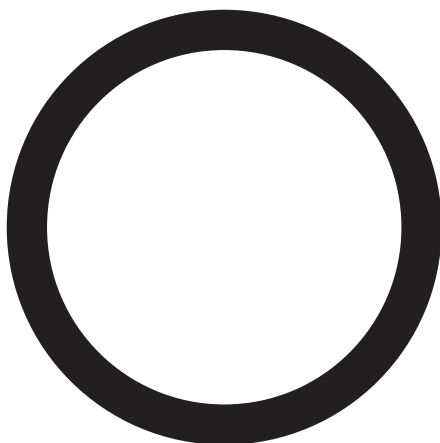
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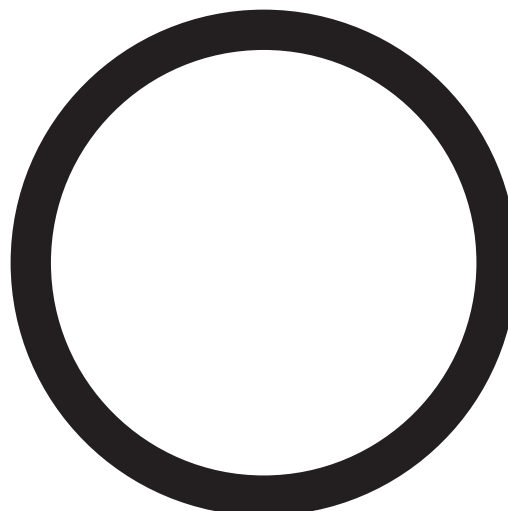
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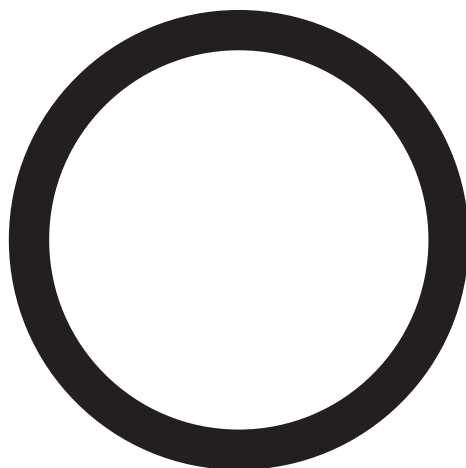
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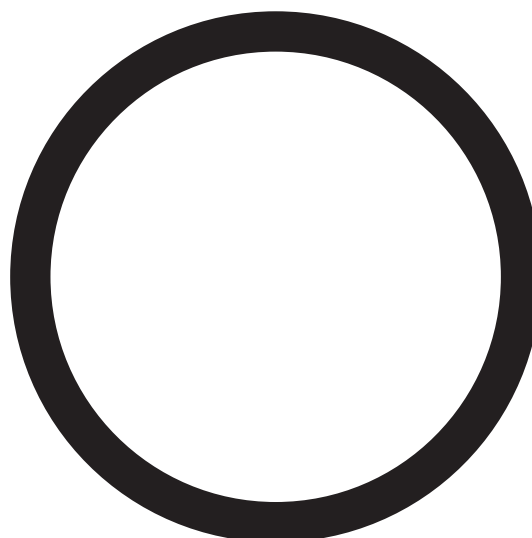
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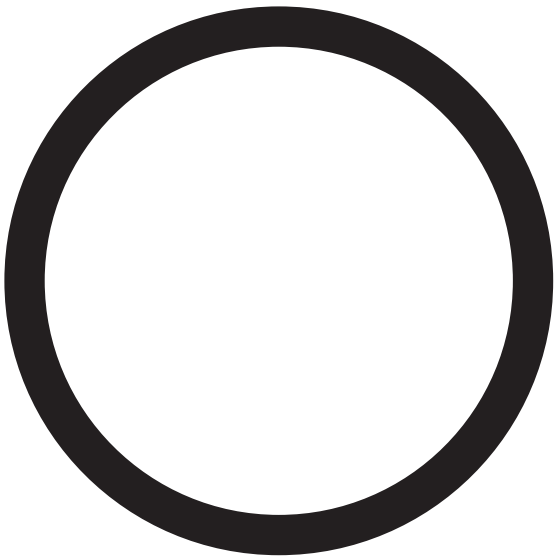
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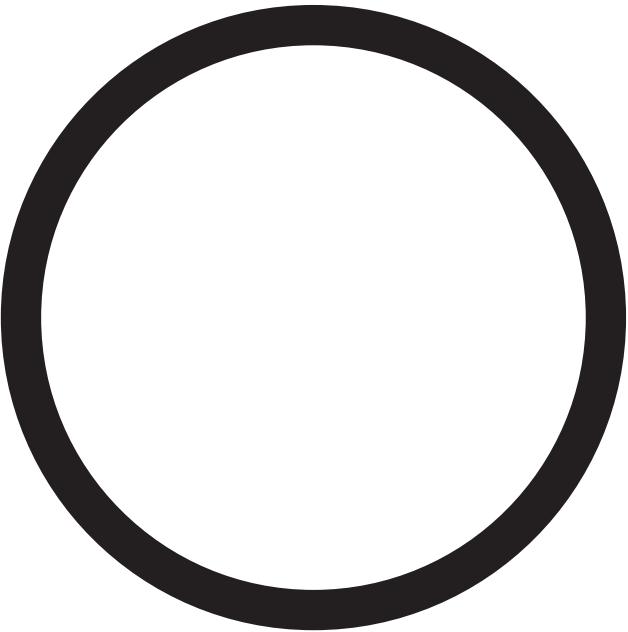
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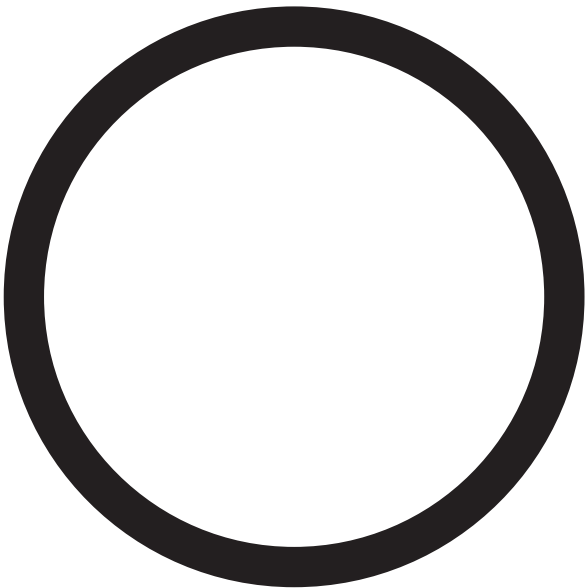
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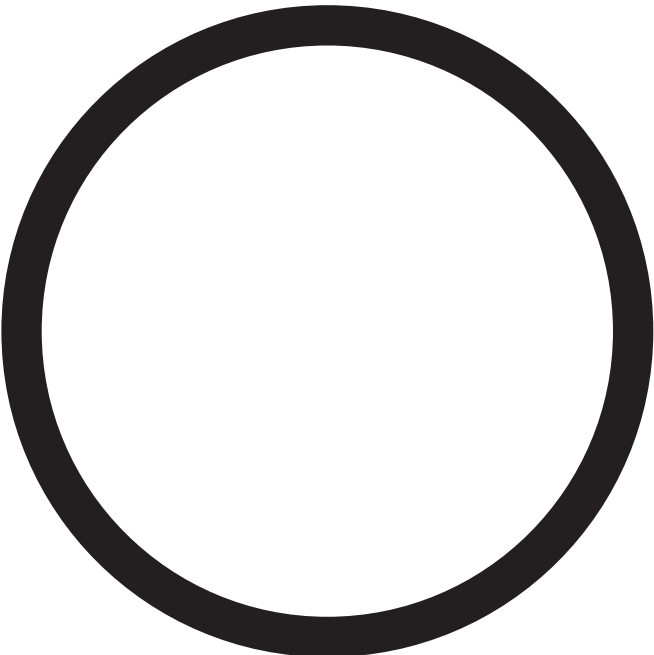
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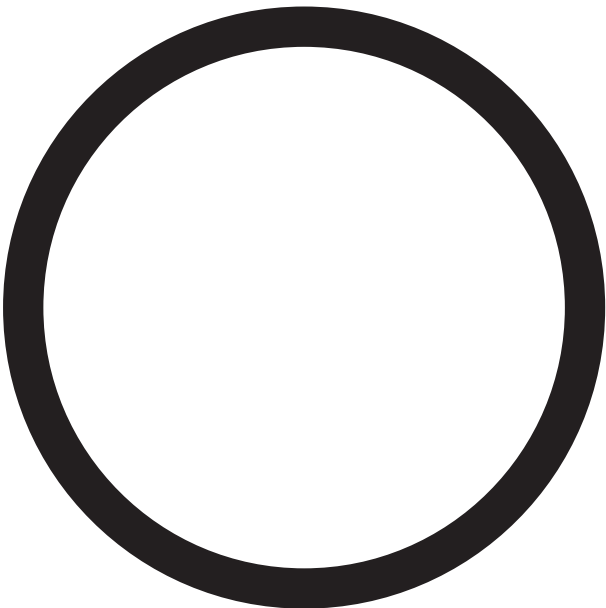
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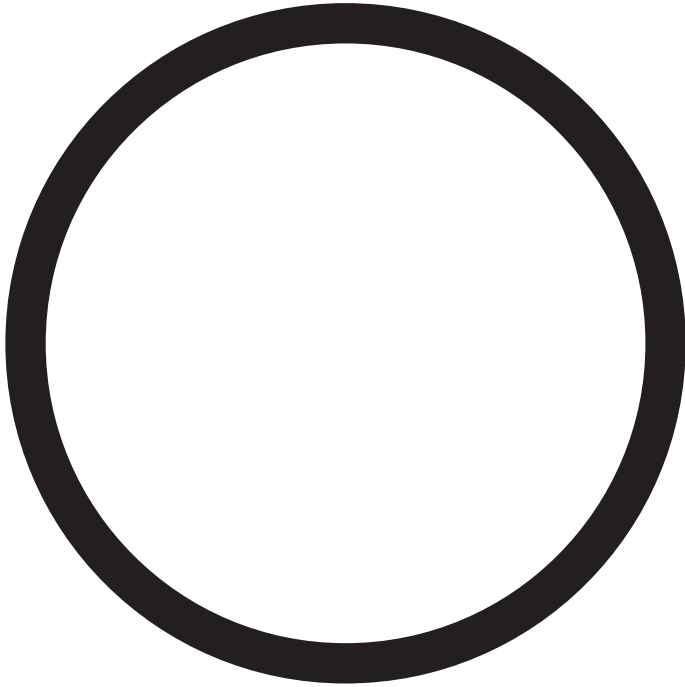
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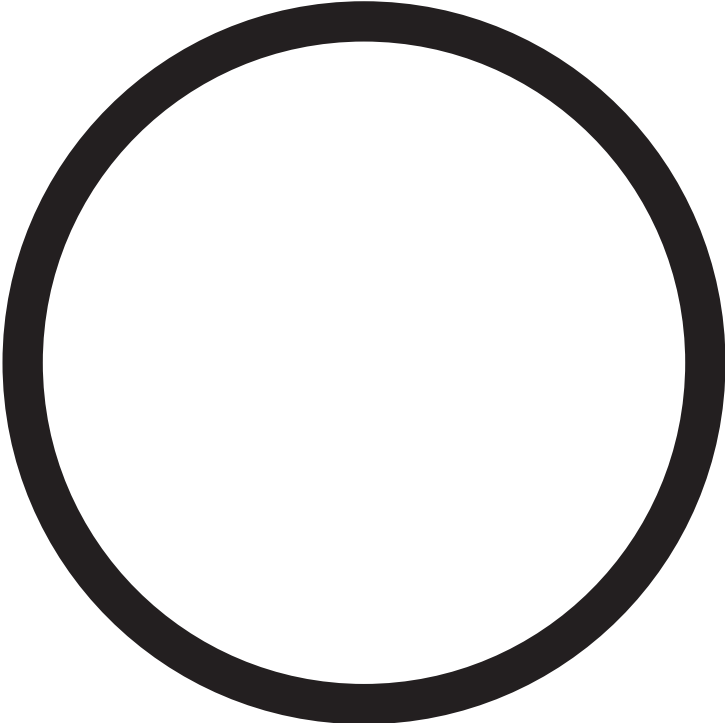
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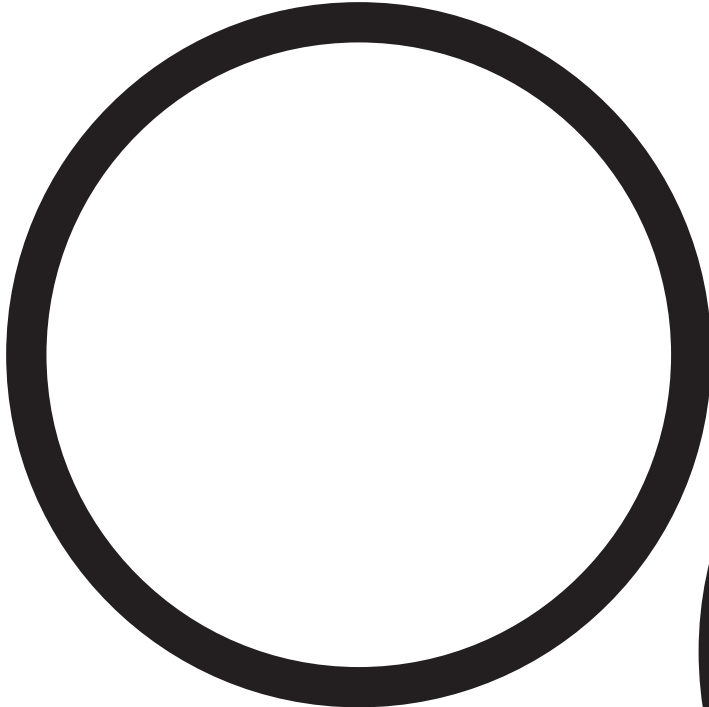
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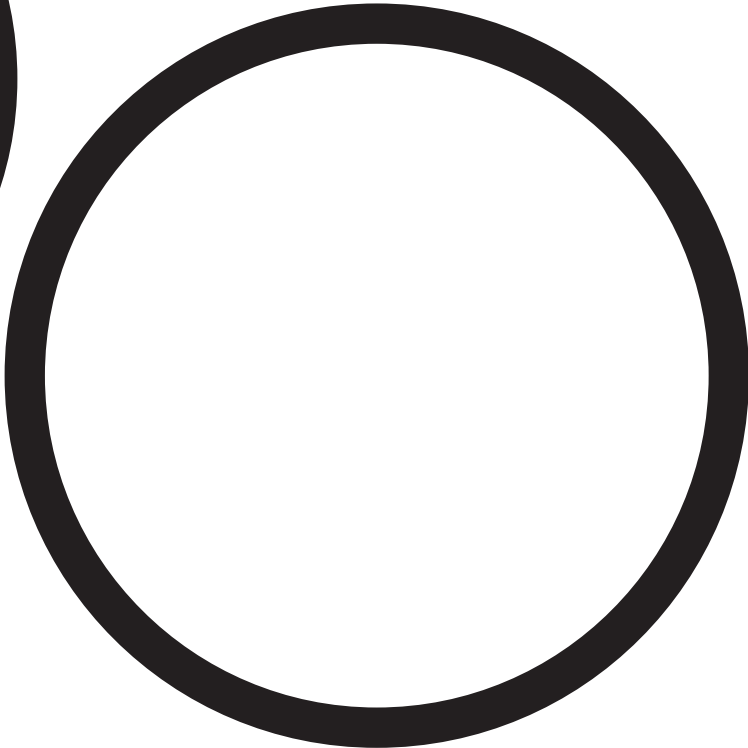
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340



339



341

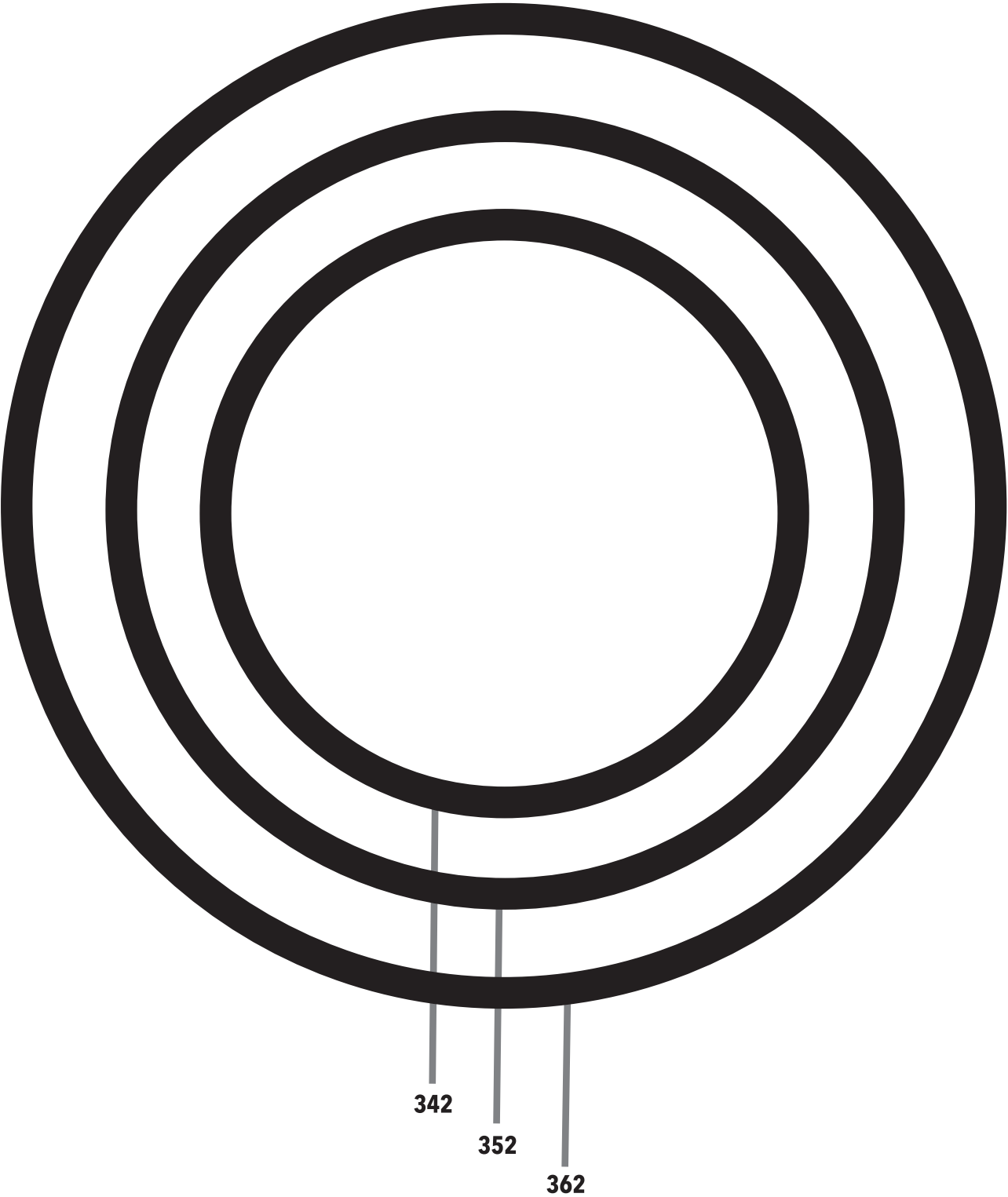
300 SERIES

342

352

362

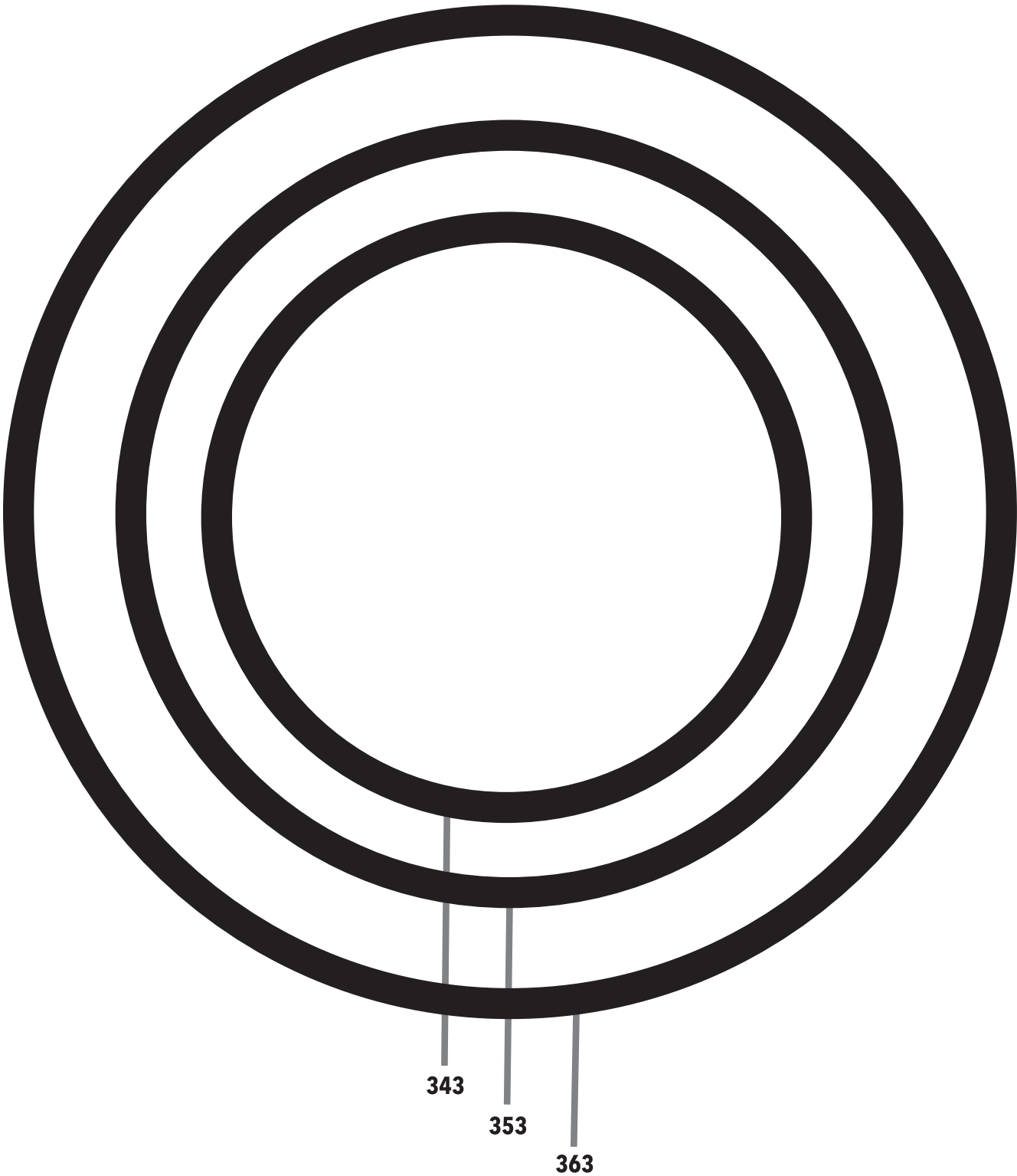
300 SERIES IS SPACED IN TEN NUMBER INCREMENTS



300 SERIES – .210 cross section

300 SERIES 343 353 363

300 SERIES IS SPACED IN TEN NUMBER INCREMENTS



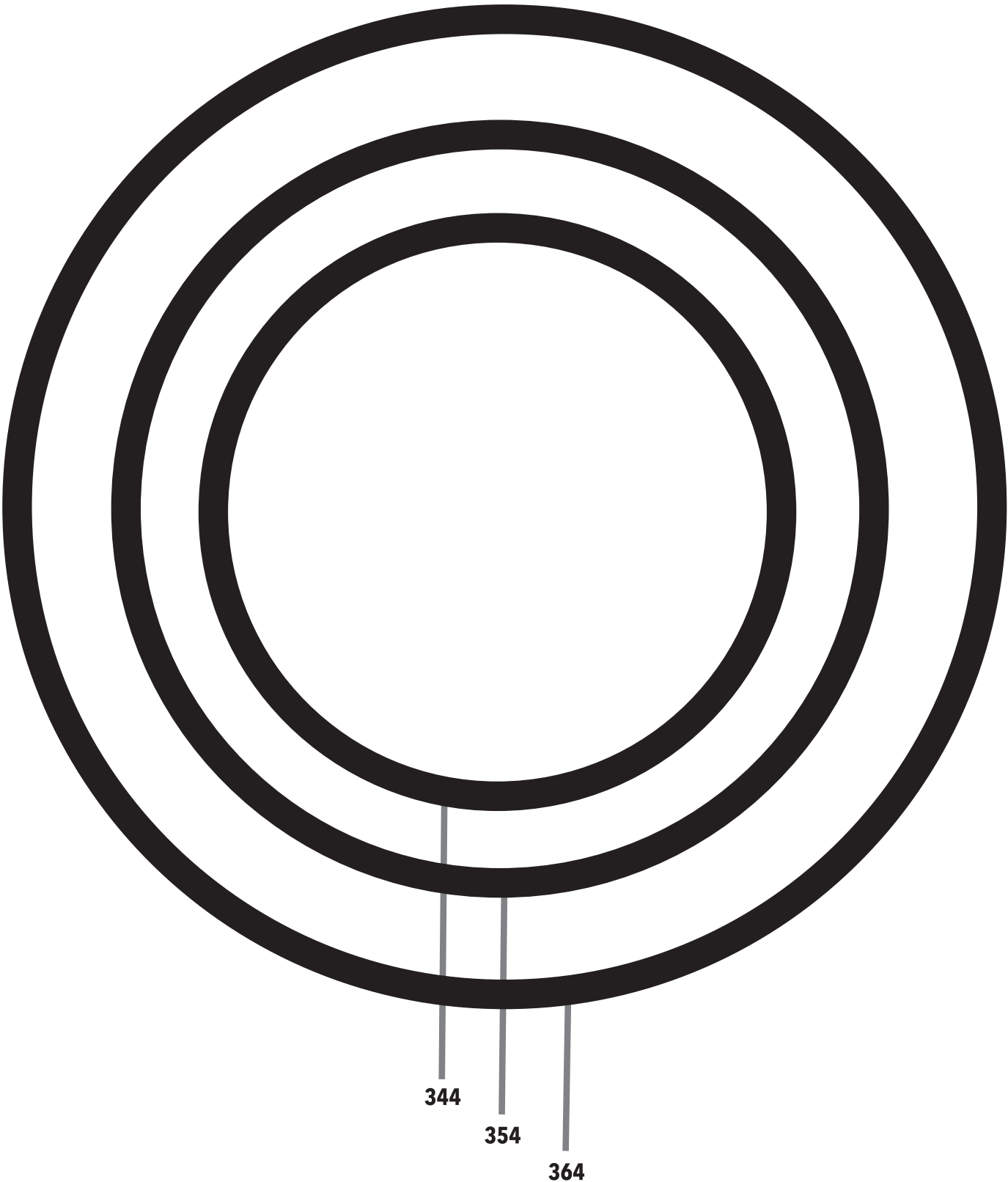
300 SERIES

344

354

364

300 SERIES IS SPACED IN TEN NUMBER INCREMENTS



300 SERIES – .210 cross section

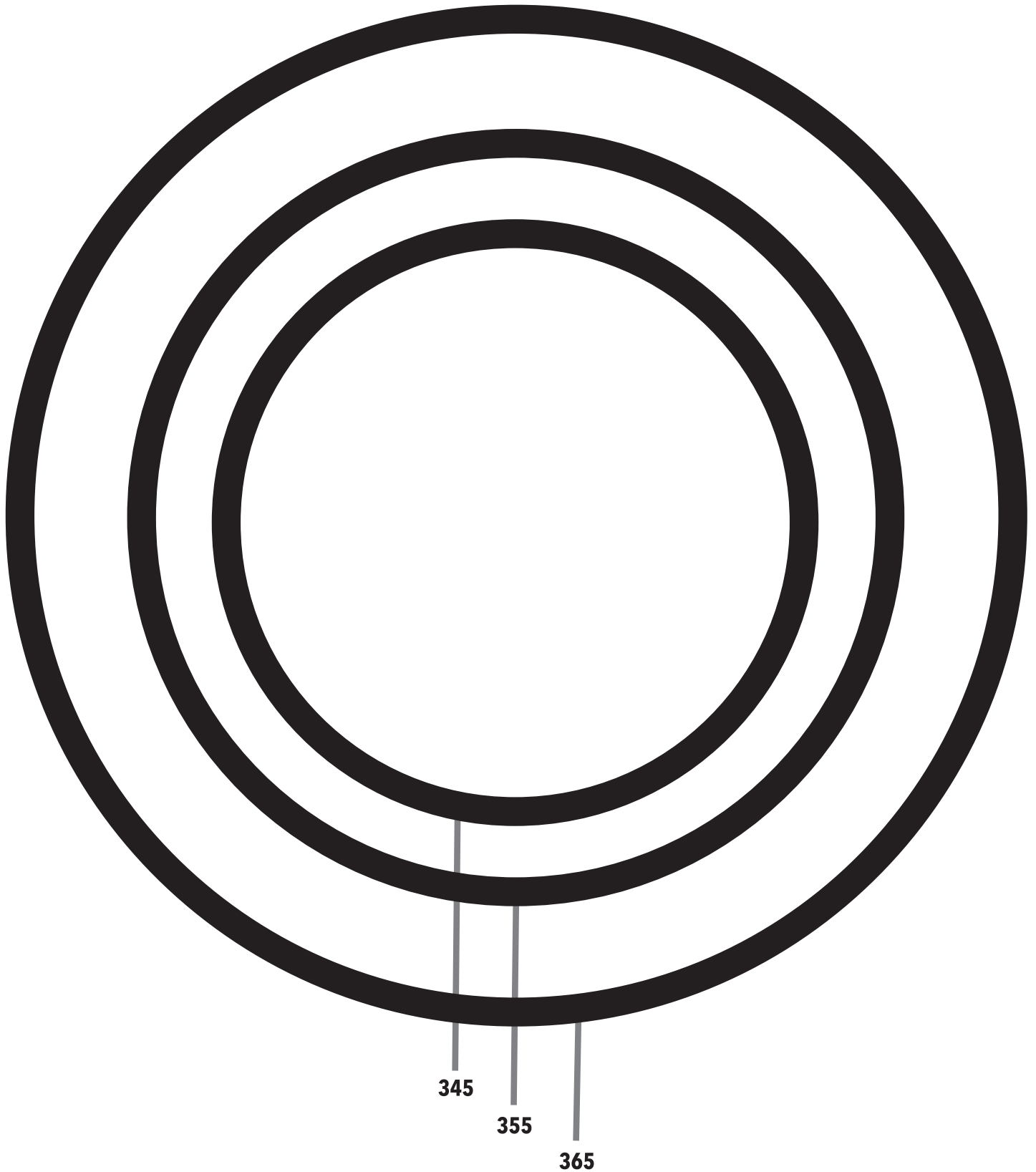
300 SERIES

345

355

365

300 SERIES IS SPACED IN TEN NUMBER INCREMENTS

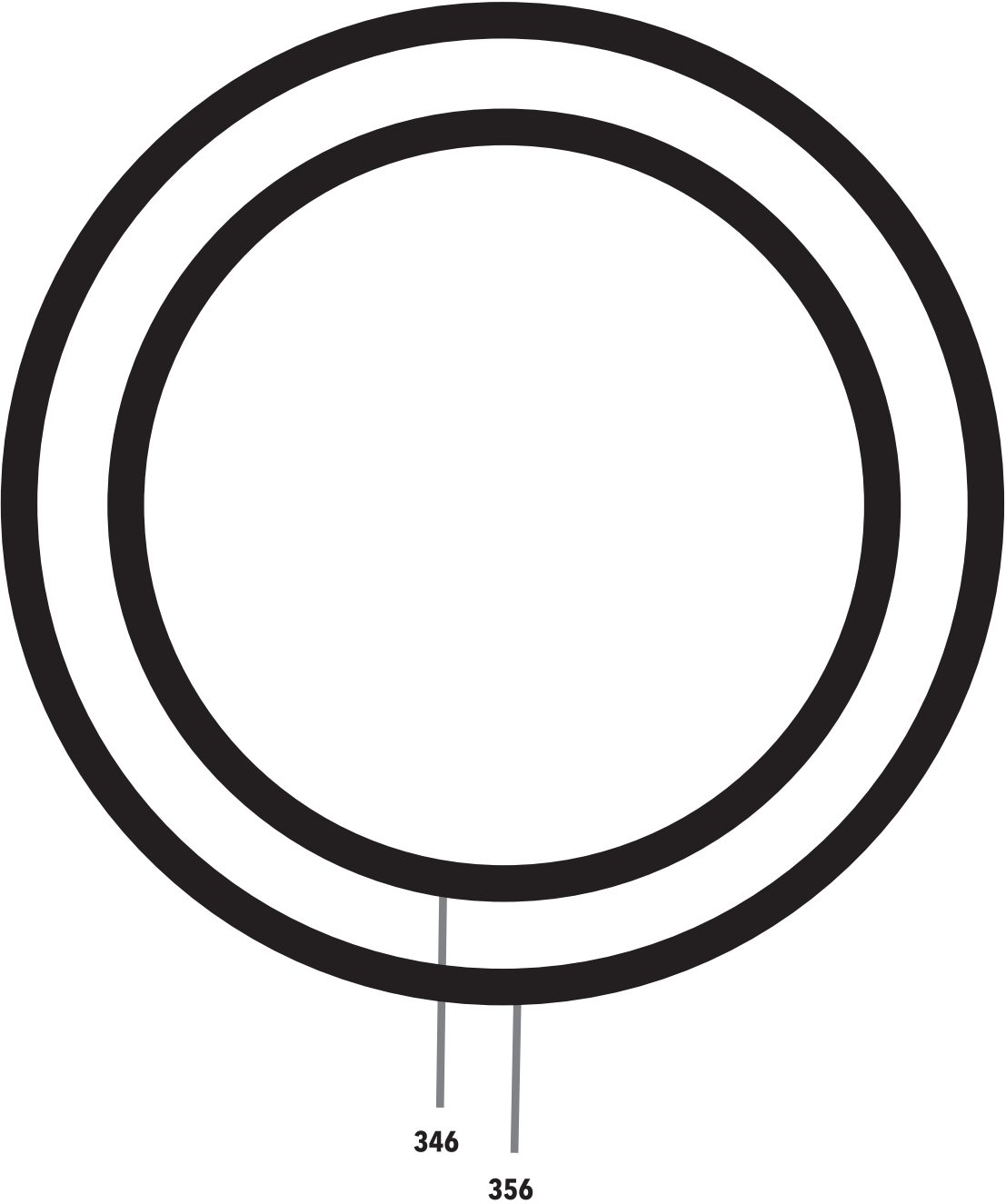


300 SERIES

346

356

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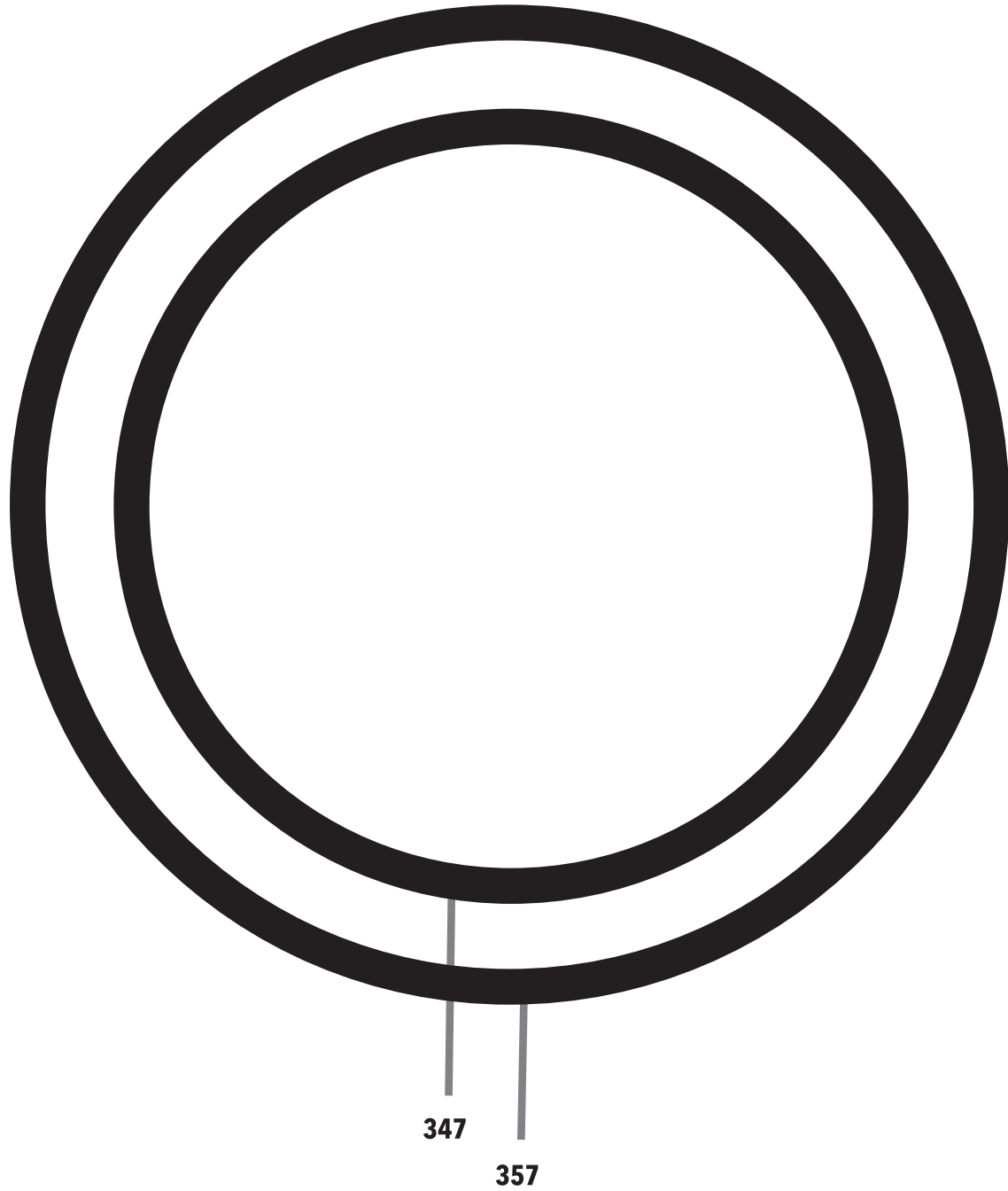


300 SERIES

347

357

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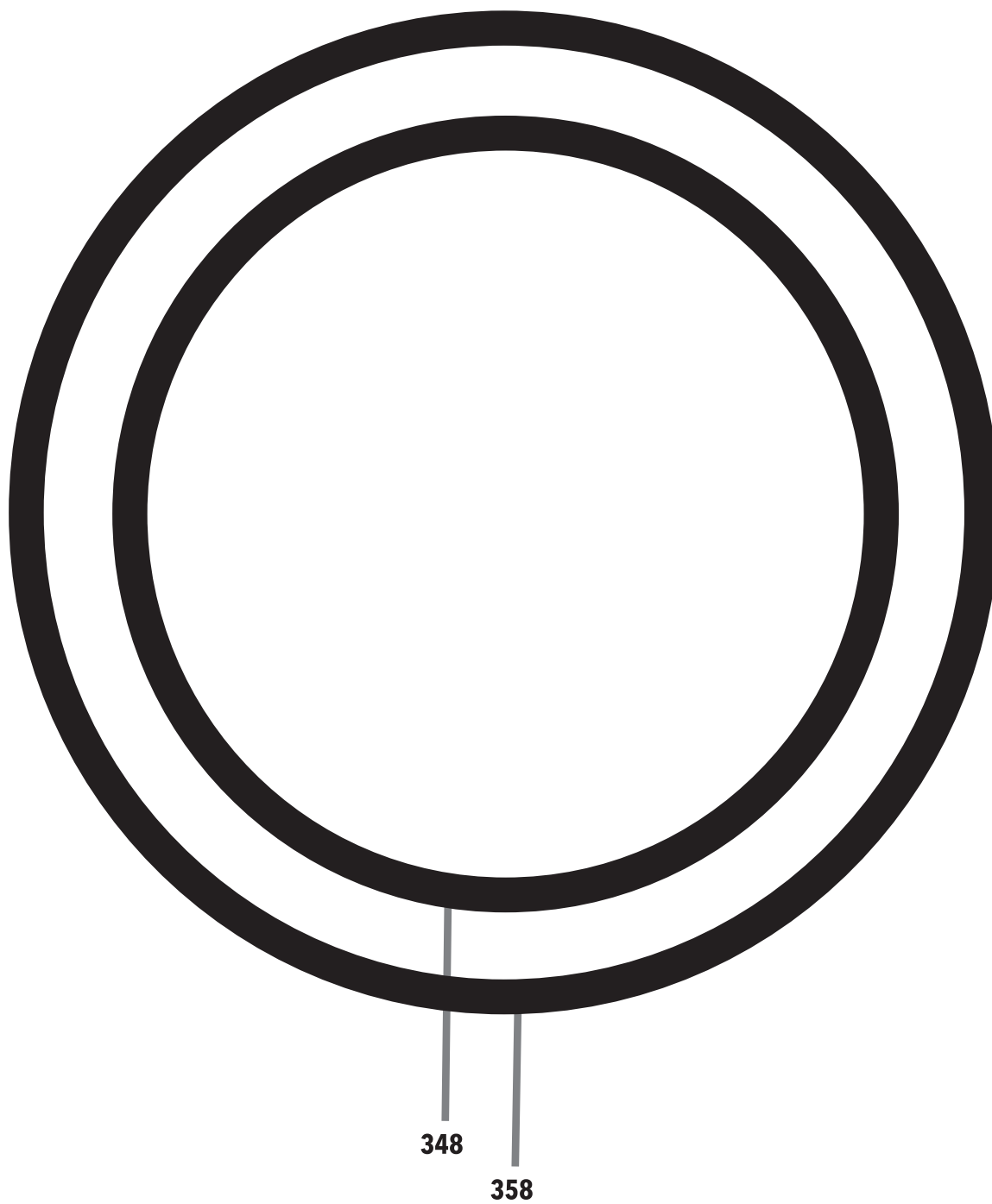


300 SERIES

348

358

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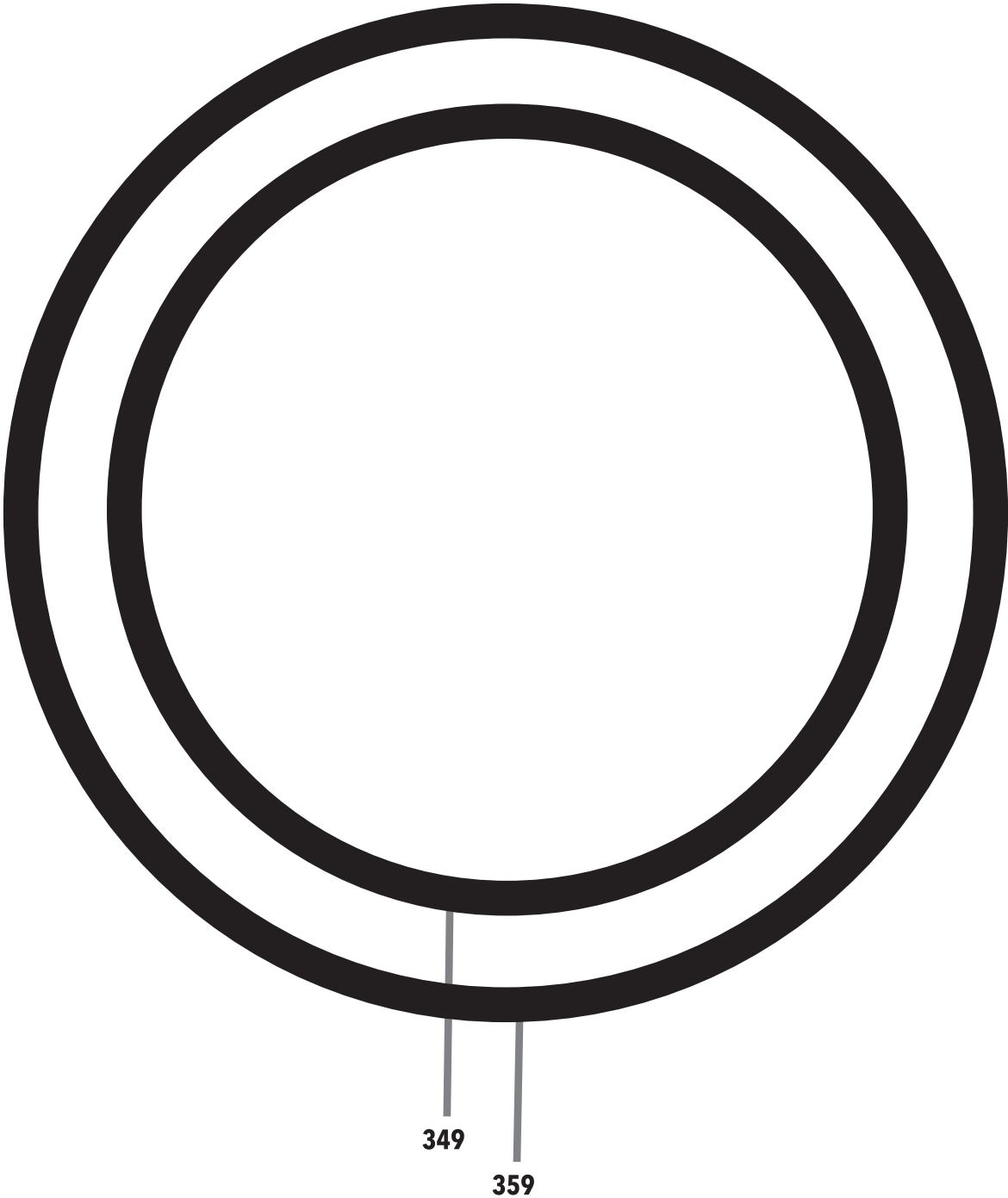


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349

359

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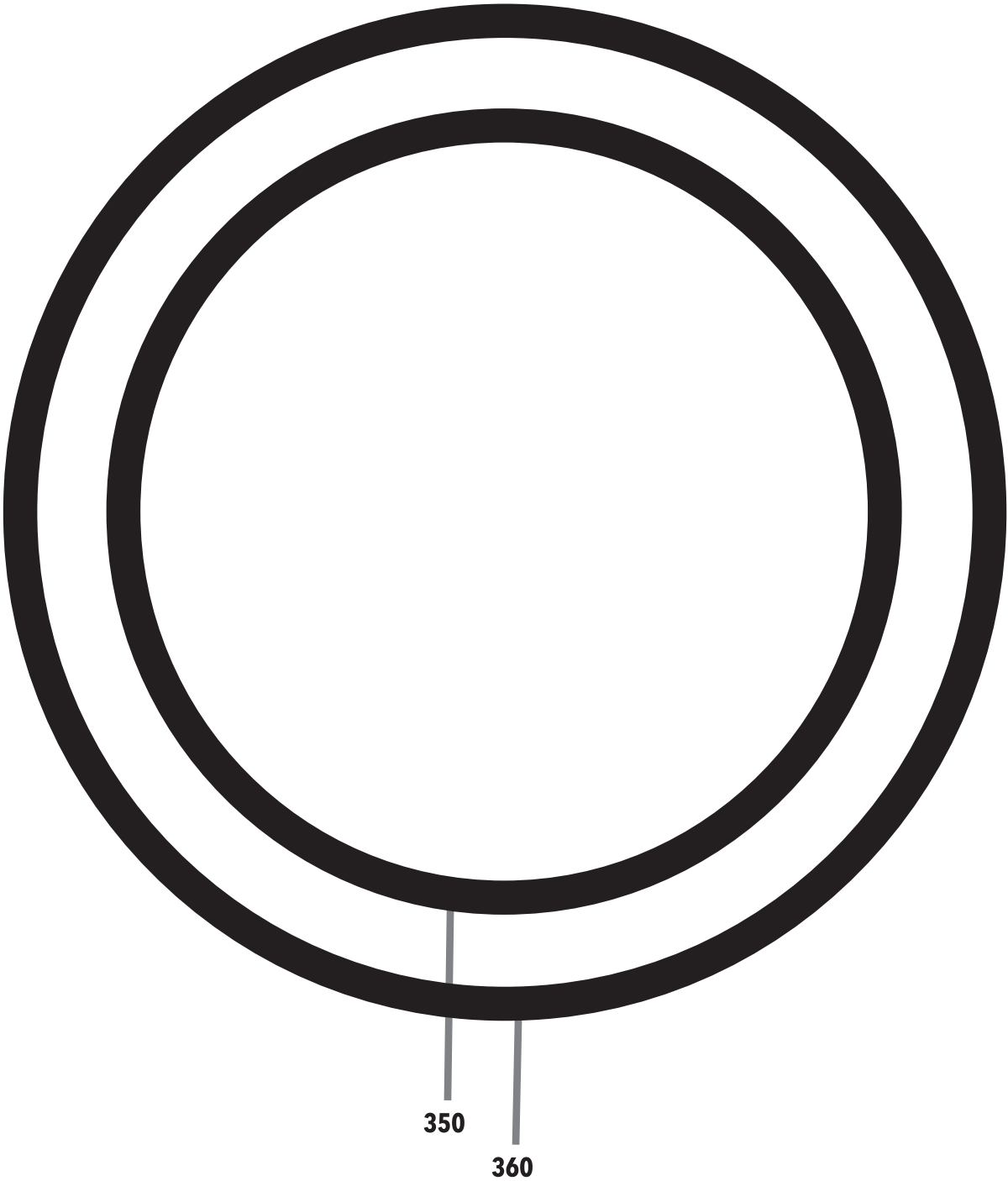


300 SERIES

350

360

300 SERIES IS SPACED IN TEN NUMBER INCREMENTS

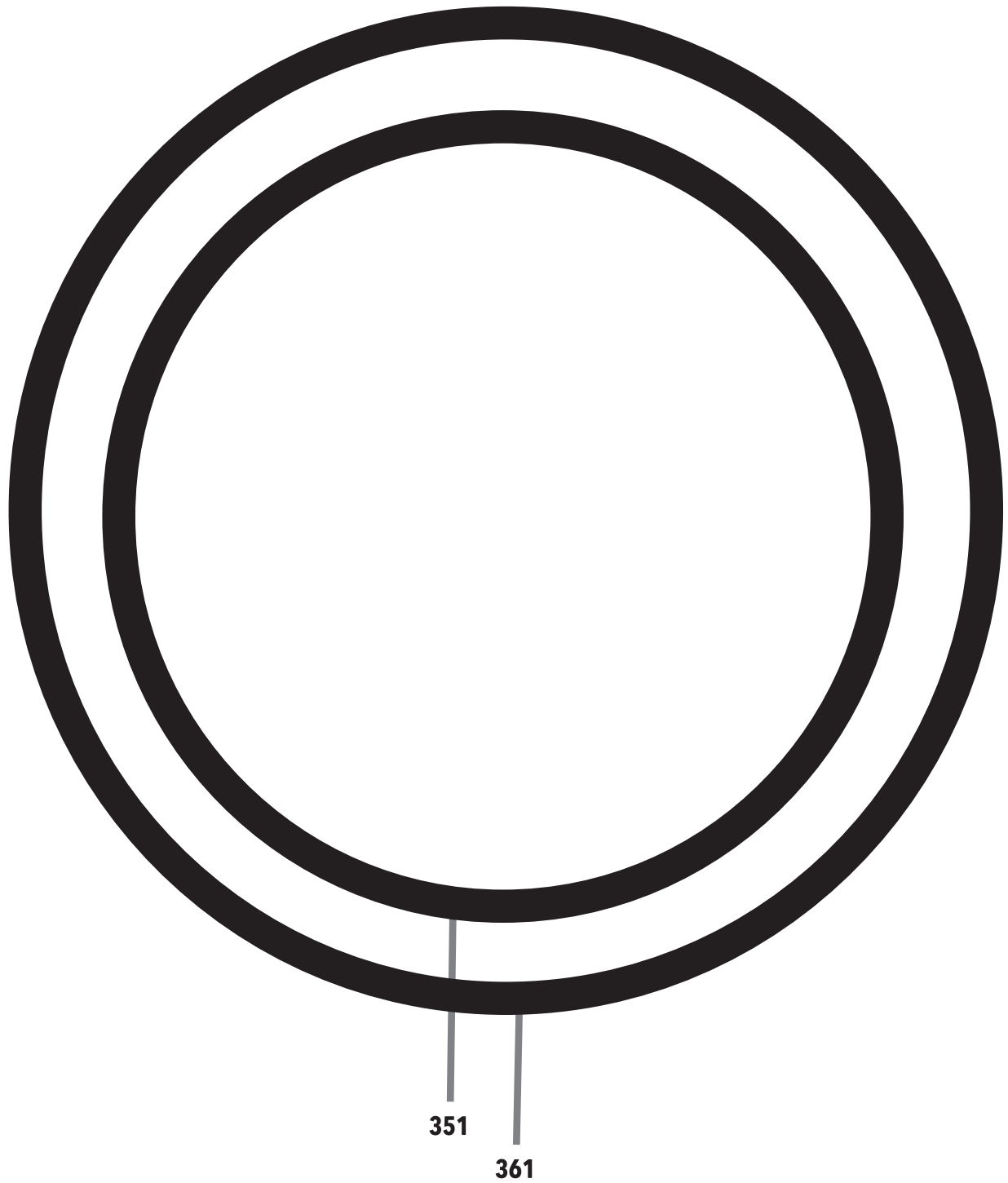


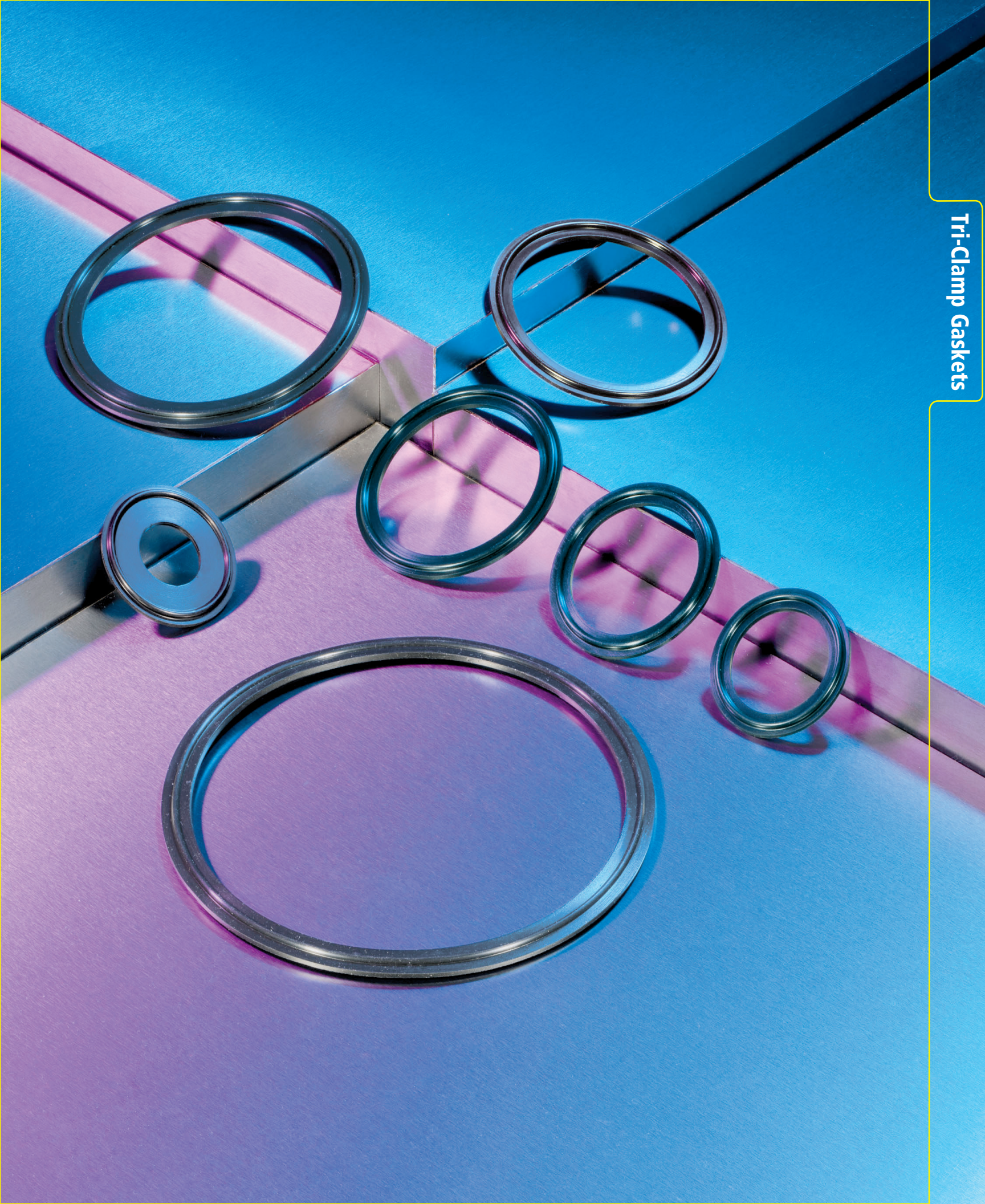
300 SERIES

351

361

300 SERIES IS SPACED IN TEN NUMBER INCREMENTS







.187" ID



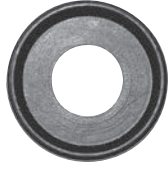
.250" ID



.277" ID



.285" ID



.375" ID



.500" ID



.750" ID



**Standard
Tri-Clamp 1"**



**Standard
Tri-Clamp
1.5"**



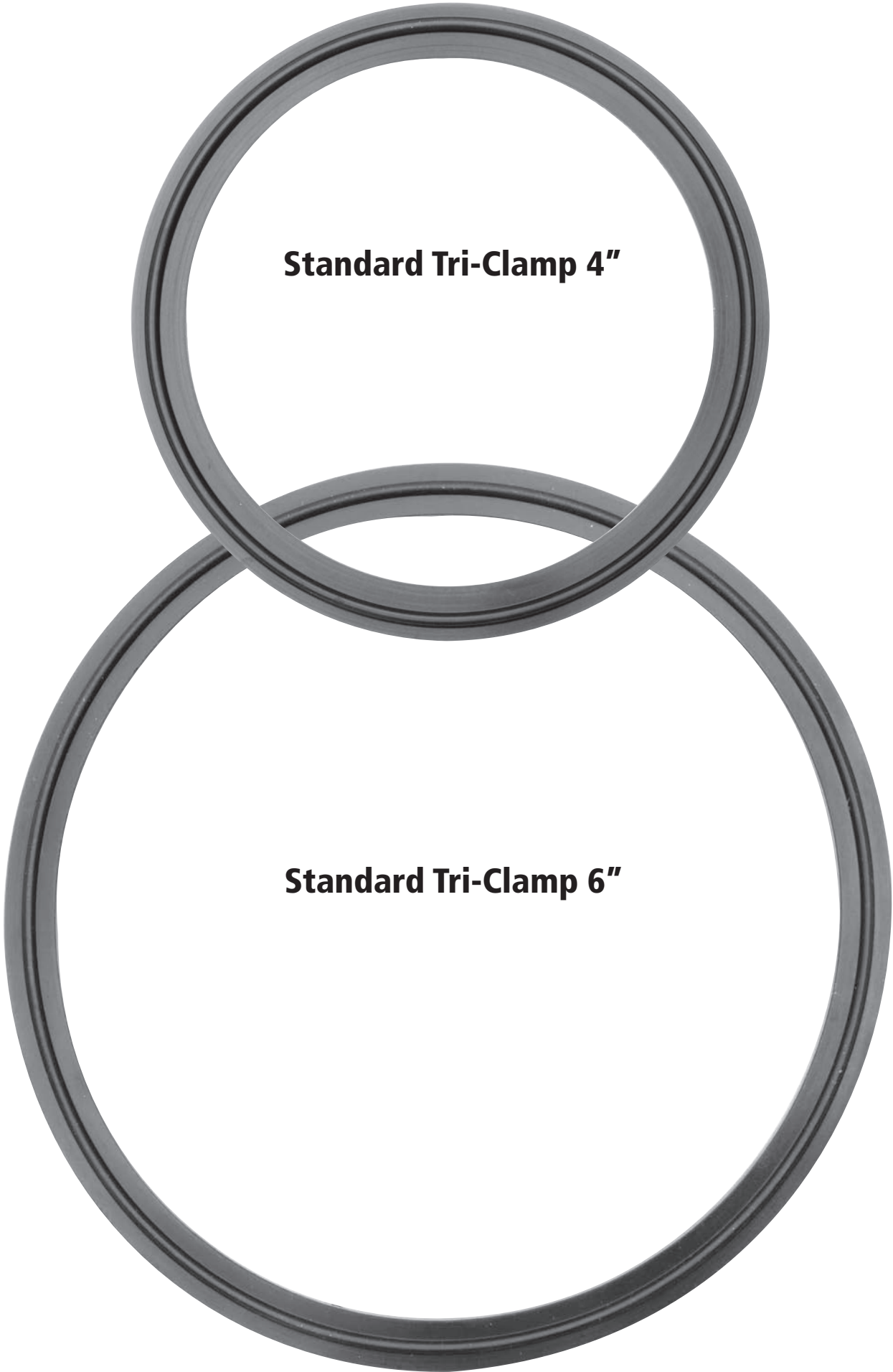
**Standard
Tri-Clamp 2"**



**Standard
Tri-Clamp 2.5"**



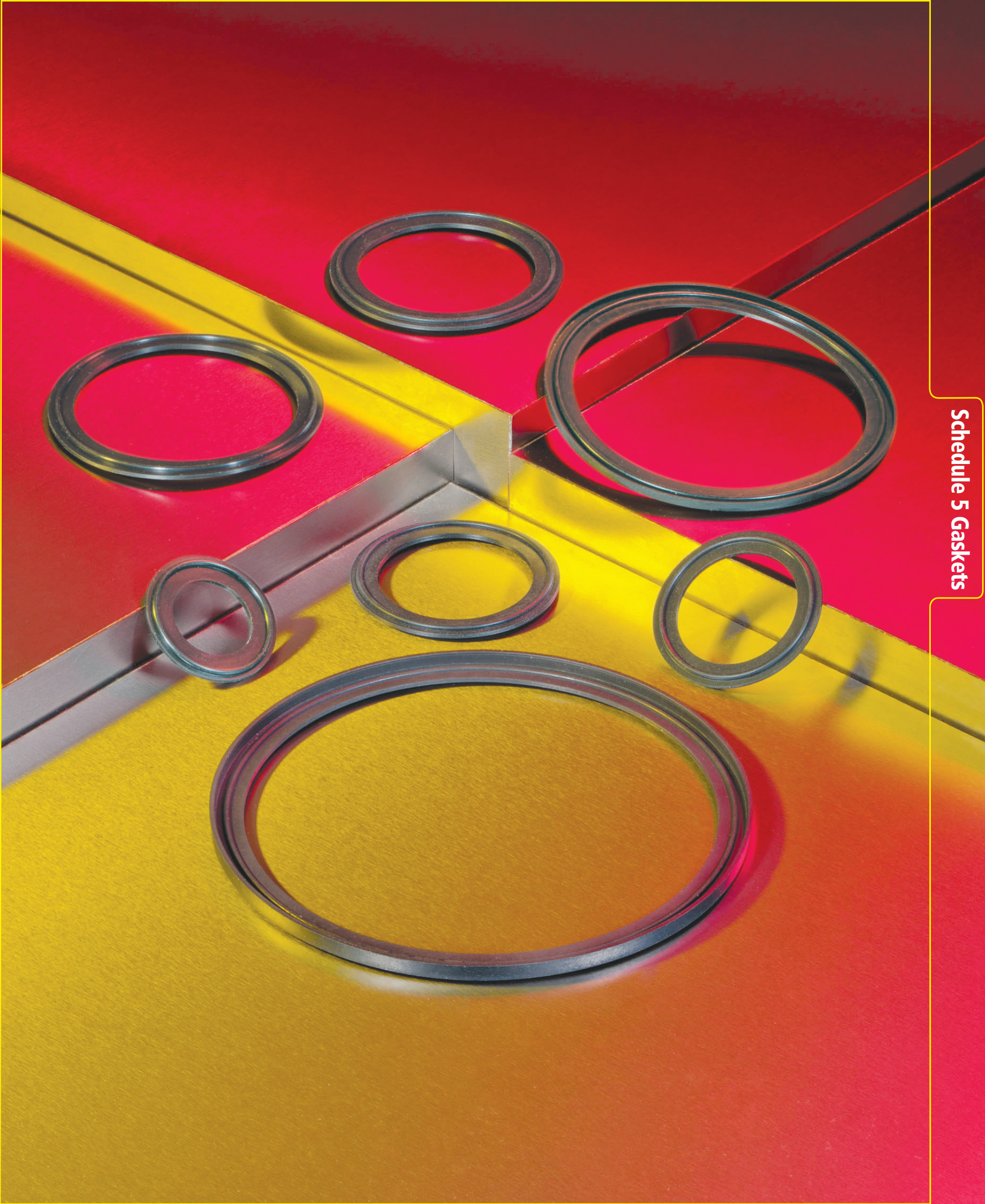
**Standard
Tri-Clamp 3"**



Standard Tri-Clamp 4"

Standard Tri-Clamp 6"

NEWMAN Sanitary Gasket Company



Schedule 5 - 1"

Schedule 5 - 1"



**Schedule 5
1.5"**



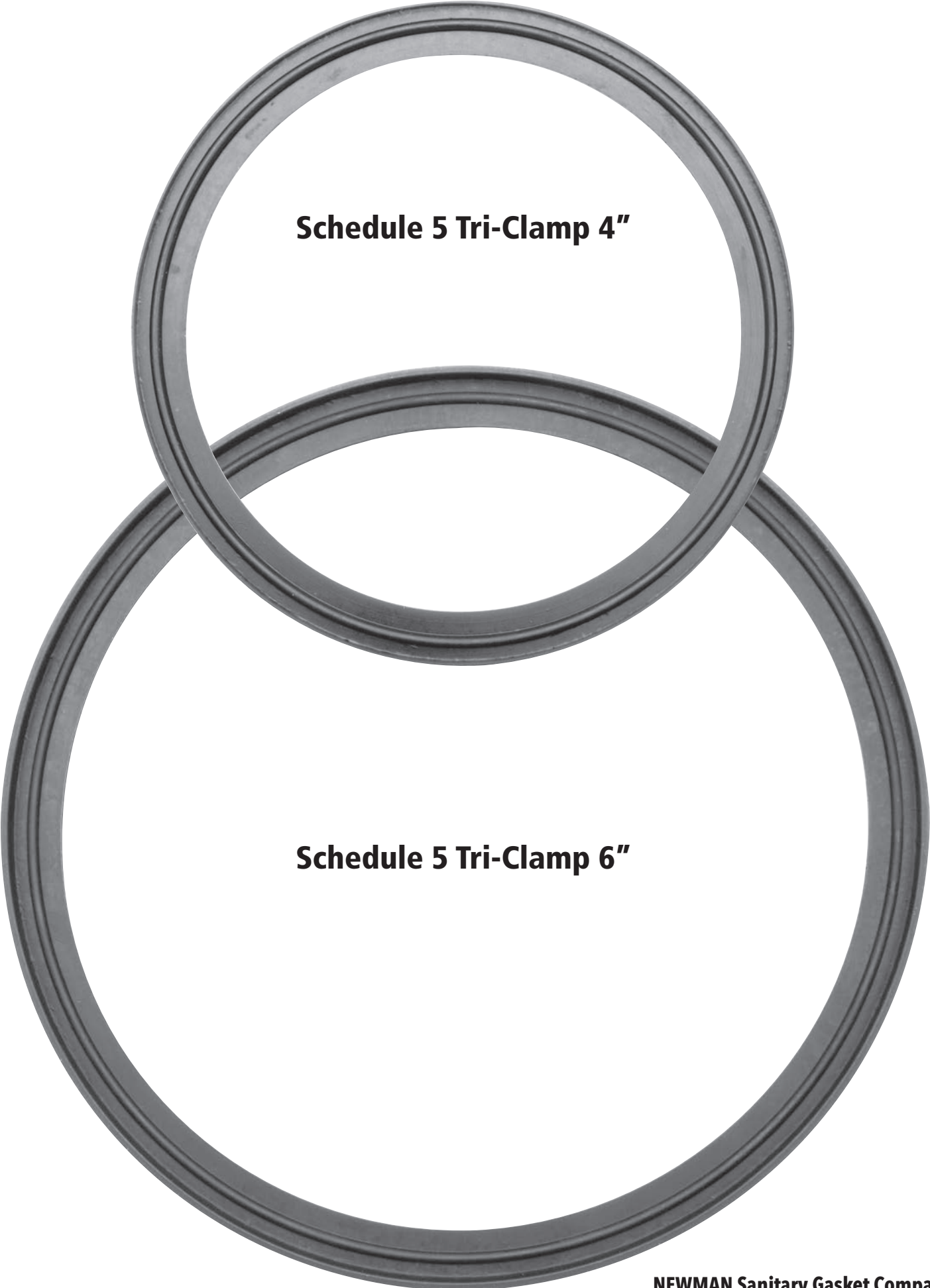
**Schedule 5
2"**



**Schedule 5
2.5"**



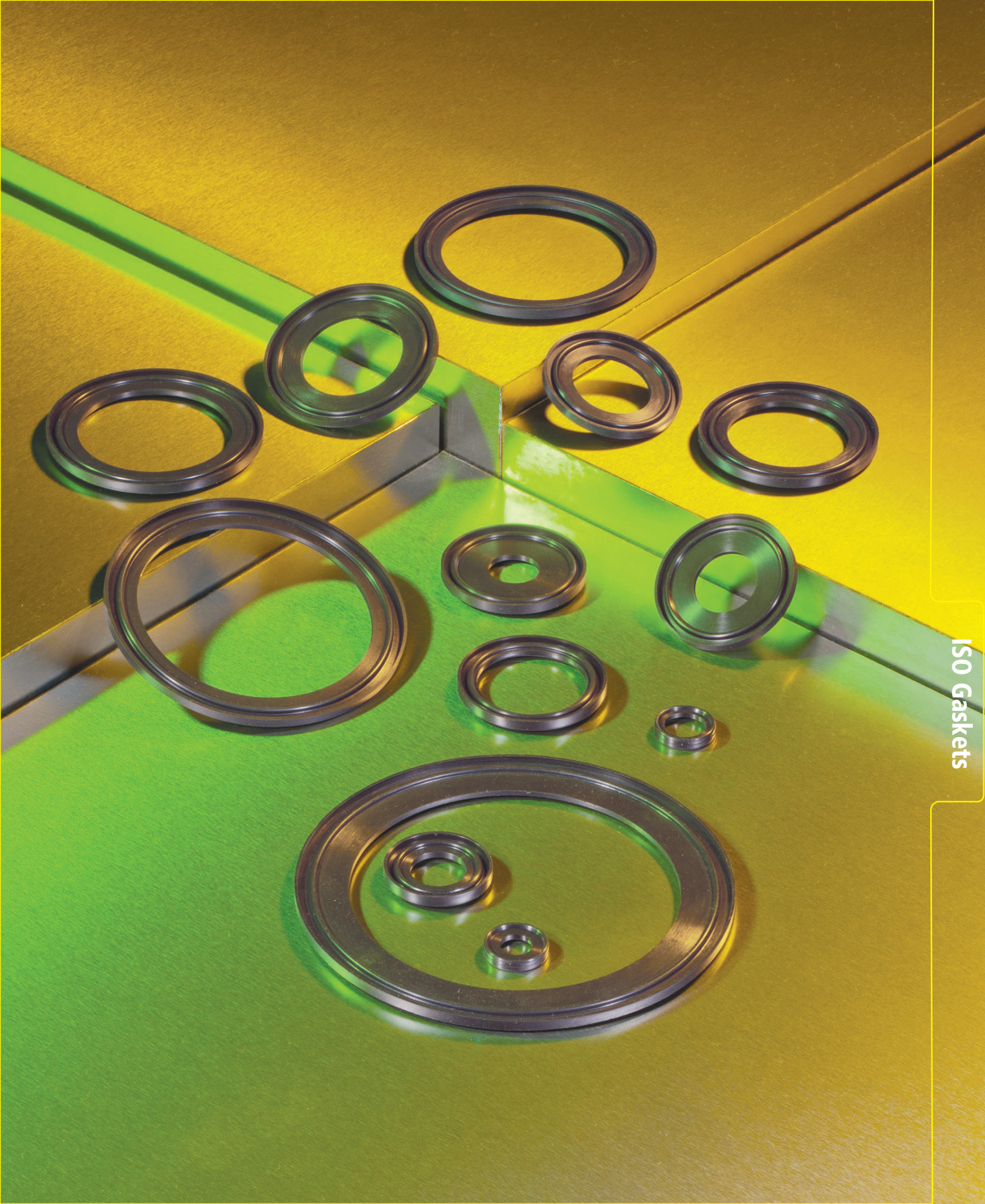
**Schedule 5
3"**



Schedule 5 Tri-Clamp 4"

Schedule 5 Tri-Clamp 6"

NEWMAN Sanitary Gasket Company





ISO-8



ISO-10



ISO-15A



ISO-15B



ISO-20



ISO-25



ISO-32A



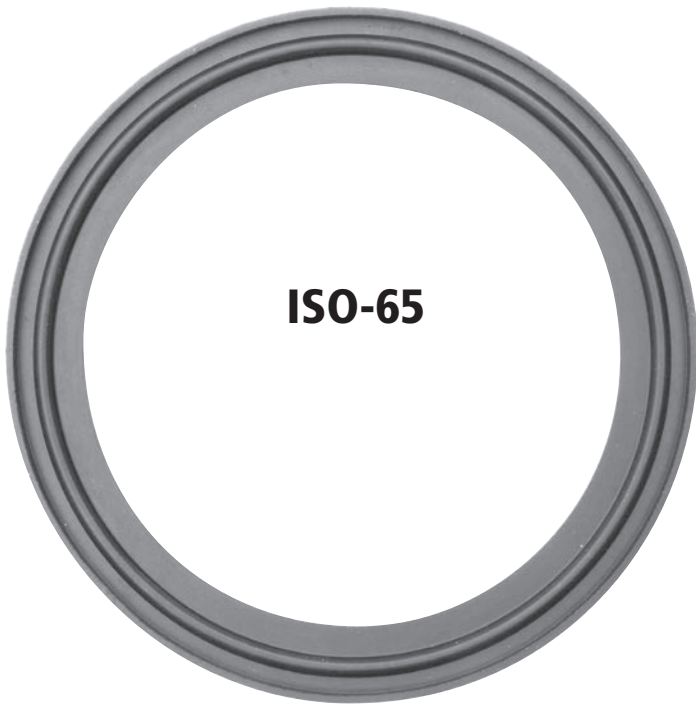
ISO-32B



ISO-40



ISO-50



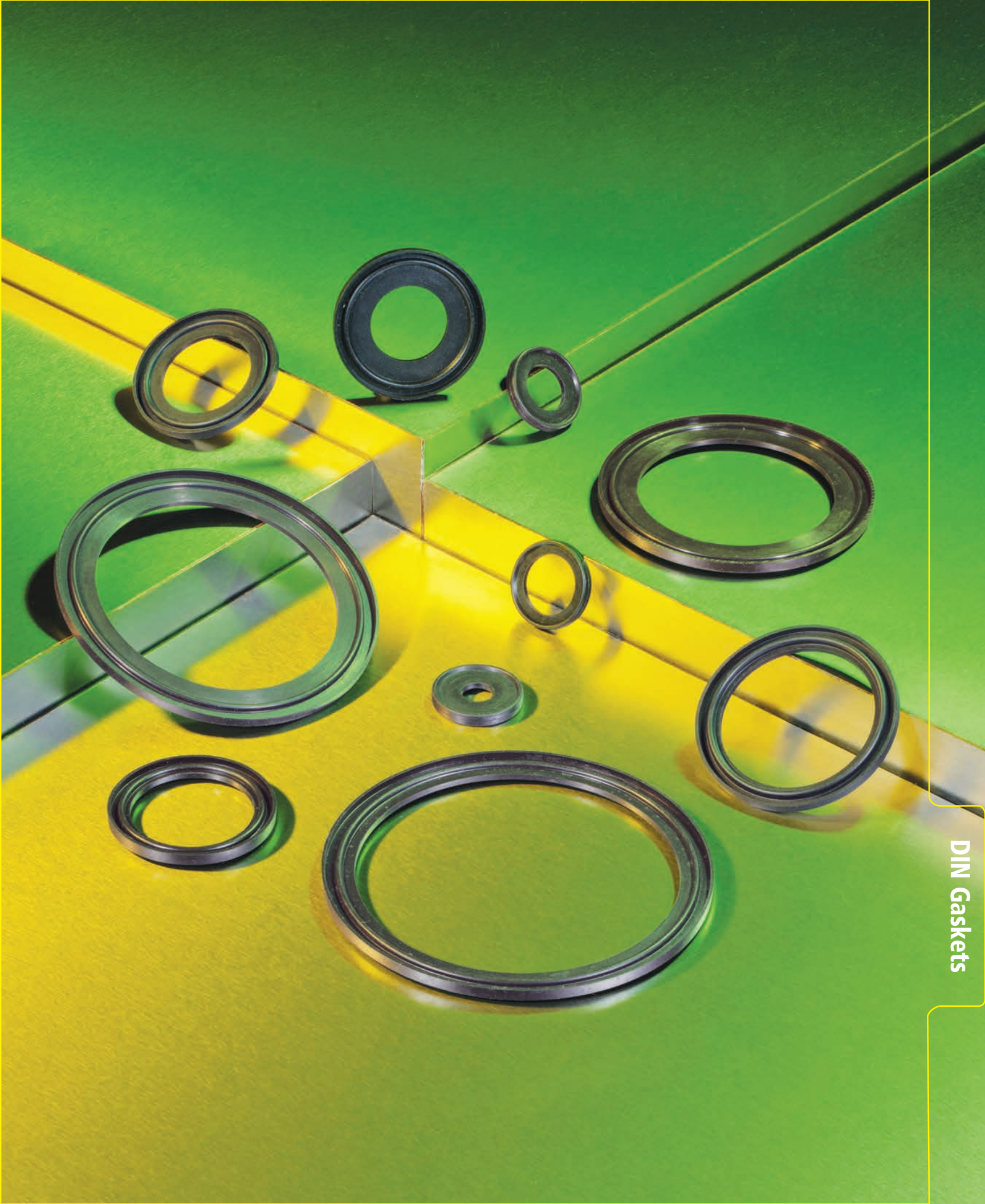
ISO-65



ISO-80



ISO-100B





DIN-10



DIN-15



DIN-20



DIN-25



DIN-32



DIN-40



DIN-50



DIN-65

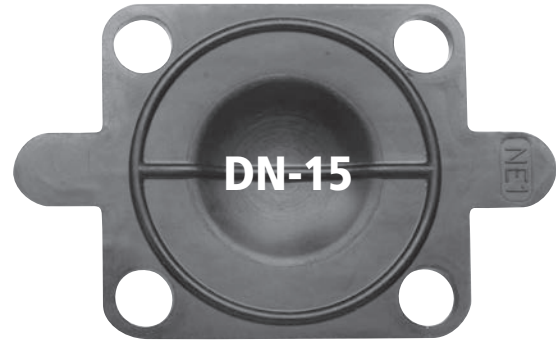
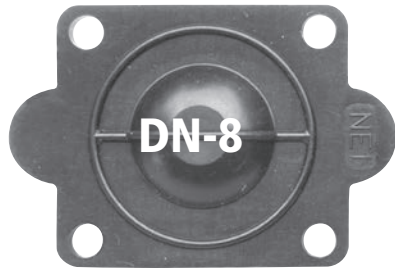


DIN-80



DIN-100









Custom Molding

Some parts shown are proprietary parts and are not available for resale.

Newman's custom molding group is able to develop and produce a broad range of products...products designed not only for the industries it now serves, but also for other sanitary applications.

Much of the custom molded work applies to processing systems and the manufacture of processing equipment. The materials used are much the same as the standard products which are Buna-N, Viton™, Silicone, EPDM and Teflon®.

All items are made to the customer's specifications by working closely with the customer to ensure proper fit and quality. Custom molding can vary from a small non-standard "O"-ring to a highly sophisticated rubber compound bond-

ed to stainless steel, or a specific item needing just the right amount of resiliency to work efficiently on a given piece of equipment. Processing equipment manufacturers rely on Newman for their original and replacement rubber parts for countless uses in the pharmaceutical industry.

Each custom molded part is developed with your time-table in mind. With highly skilled design engineers and the most efficient tooling costs, along with Newman's processing equipment experience working with FDA compliant materials, where sanitary conditions are essential, the customer is assured the highest quality custom molded part in the industry today. Most importantly, it is provided at much less than the cost of other custom molders.



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