



U-Cups





U-Cups



Precision Associates' Homogeneous Rubber U-Cups are the seal of choice for Pneumatic and low-pressure Hydraulic applications. Because U-Cups do not rely on initial compression to seal, they are excellent in applications that require low breakaway pressure. The sealing lips on Precision Associates' U-Cups are molded – not cut, so they are always symmetrical. The sealing lip has a very slight radius, reducing the likelihood of wiping all of the lubricant, which might cause a dry surface that leads to wear and early seal failure.

Our U-Cups are available in three standard configurations; AN, Straight Lip and Pruva™ styles. AN style U-Cups are designed in accordance with AN-6226. The original 53 sizes are listed with the dash numbers assigned by the standard. This lighter bodied seal has been so popular with some customers we have expanded our selection of AN sizes. Parts included in this extension to the standard are numbered similar to our other two styles.

Precision Associates' U-Cups are available off the shelf in our 70 and 80 Durometer Buna N and Fluoroelastomer compounds. For unusual applications, one of PAI's 1,000+ specialty materials, including our N-Dure extended wear compounds, may be your solution. If not, we can design a compound especially for you.



Mold IDen			Nominal Dimensions - Decimal			Nominal Dimensions - Fractional		
Pruva™	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
666-006	626-006		.062	.125	.250	1/16	1/8	1/4
	626-007		.062	.156	.281	1/16	5/32	9/32
666-008	626-008		.062	.187	.312	1/16	3/16	5/16
	626-009		.062	.218	.343	1/16	7/32	11/32
666-010	626-010		.062	.250	.375	1/16	1/4	3/8
666-011	626-011		.062	.312	.437	1/16	5/16	7/16
666-012	626-012		.062	.375	.500	1/16	3/8	1/2
666-013			.062	.437	.563	1/16	7/16	9/16
	626-014		.062	.500	.625	1/16	1/2	5/8
	626-020		.062	.875	1.000	1/16	7/8	1
666-104	626-104		.093	.125	.312	3/32	1/8	5/16
666-106	626-106		.093	.187	.375	3/32	3/16	3/8
	626-107		.093	.218	.406	3/32	7/32	13/32
666-108	626-108		.093	.250	.437	3/32	1/4	7/16
666-109	626-109		.093	.312	.500	3/32	5/16	1/2
666-110	626-110		.093	.375	.562	3/32	3/8	9/16
666-111	626-111		.093	.437	.625	3/32	7/16	5/8



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Pruva™	Mold IDen		Nominal Dimensions - Decimal			Nominal Dimensions - Fractional		
	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
666-112	626-112		.093	.500	.687	3/32	1/2	11/16
666-113	626-113		.093	.562	.750	3/32	9/16	3/4
666-114	626-114		.093	.625	.812	3/32	5/8	13/16
666-115	626-115		.093	.687	.875	3/32	11/16	7/8
666-116			.093	.750	.937	3/32	3/4	15/16
	626-117		.093	.812	1.000	3/32	13/16	1
	626-118		.093	.875	1.062	3/32	7/8	1 1/16
666-120			.093	1.000	1.187	3/32	1	1 3/16
	626-130		.093	1.625	1.812	3/32	1 5/8	1 13/16
		6226-41	.125	.125	.375	1/8	1/8	3/8
666-201		6226-42	.125	.187	.437	1/8	3/16	7/16
666-202		6226-43	.125	.250	.500	1/8	1/4	1/2
666-203		6226-44	.125	.312	.562	1/8	5/16	9/16
666-204		6226-45	.125	.375	.625	1/8	3/8	5/8
666-205		6226-46	.125	.437	.687	1/8	7/16	11/16
666-206	626-206	6226-47	.125	.500	.750	1/8	1/2	3/4
666-207	626-207		.125	.562	.812	1/8	9/16	13/16
	626-40059		.125	.593	.843	1/8	19/32	27/32
666-208	626-208	6226-208	.125	.625	.875	1/8	5/8	7/8
666-209	626-209		.125	.687	.937	1/8	11/16	15/16
666-210	626-210		.125	.750	1.000	1/8	3/4	1
666-211	626-211		.125	.812	1.062	1/8	13/16	1 1/16
666-212	626-212		.125	.875	1.125	1/8	7/8	1 1/8
666-213			.125	.937	1.187	1/8	15/16	1 3/16
666-214	626-214		.125	1.000	1.250	1/8	1	1 1/4
666-216			.125	1.125	1.375	1/8	1 1/8	1 3/8
666-217			.125	1.187	1.437	1/8	1 3/16	1 7/16
666-218	626-218		.125	1.250	1.500	1/8	1 1/4	1 1/2
666-219			.125	1.312	1.562	1/8	1 5/16	1 9/16
	626-220		.125	1.375	1.625	1/8	1 3/8	1 5/8
666-222			.125	1.500	1.750	1/8	1 1/2	1 3/4
	626-223		.125	1.625	1.875	1/8	1 5/8	1 7/8
666-224			.125	1.750	2.000	1/8	1 3/4	2
666-226			.125	2.000	2.250	1/8	2	2 1/4
666-248			.125	4.750	5.000	1/8	4 3/4	5
666-259			.125	6.250	6.500	1/8	6 1/4	6 1/2

Please contact Precision Associates for sizes not listed.

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Pruva™	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
	626-50025		.156	.250	.562	5/32	1/4	9/16
666-50050			.156	.500	.812	5/32	1/2	13/16
666-50081			.156	.812	1.125	5/32	13/16	1 1/8
666-50087			.156	.875	1.187	5/32	7/8	1 3/16
666-50093	626-50093		.156	.937	1.250	5/32	15/16	1 1/4
666-50100			.156	1.000	1.312	5/32	1	1 5/16
666-50106			.156	1.062	1.375	5/32	1 1/16	1 3/8
666-50112			.156	1.125	1.437	5/32	1 1/8	1 7/16
666-50118	626-50118		.156	1.187	1.500	5/32	1 3/16	1 1/2
666-50125	626-50125		.156	1.250	1.562	5/32	1 1/4	1 9/16
666-50131			.156	1.312	1.625	5/32	1 5/16	1 5/8
666-50137	626-50137		.156	1.375	1.687	5/32	1 3/8	1 11/16
666-50143			.156	1.437	1.750	5/32	1 7/16	1 3/4
666-50150			.156	1.500	1.812	5/32	1 1/2	1 13/16
	626-50162		.156	1.625	1.937	5/32	1 5/8	1 15/16
666-50175			.156	1.750	2.062	5/32	1 3/4	2 1/16
		6226-1	.187	.125	.500	3/16	1/8	1/2
		6226-2	.187	.187	.562	3/16	3/16	9/16
		6226-3	.187	.250	.625	3/16	1/4	5/8
		6226-4	.187	.312	.687	3/16	5/16	11/16
		6226-5	.187	.375	.750	3/16	3/8	3/4
		6226-6	.187	.437	.812	3/16	7/16	13/16
		6226-7	.187	.500	.875	3/16	1/2	7/8
666-312		6226-48	.187	.625	1.000	3/16	5/8	1
	626-313	6226-313	.187	.687	1.062	3/16	11/16	1 1/16
666-314		6226-49	.187	.750	1.125	3/16	3/4	1 1/8
		6226-50	.187	.875	1.250	3/16	7/8	1 1/4
666-318		6226-51	.187	1.000	1.375	3/16	1	1 3/8
		6226-52	.187	1.125	1.500	3/16	1 1/8	1 1/2
666-322		6226-53	.187	1.250	1.625	3/16	1 1/4	1 5/8
666-324	626-324		.187	1.375	1.750	3/16	1 3/8	1 3/4
666-325	626-325		.187	1.500	1.875	3/16	1 1/2	1 7/8
666-326	626-326		.187	1.625	2.000	3/16	1 5/8	2
666-327	626-327		.187	1.750	2.125	3/16	1 3/4	2 1/8
666-328	626-328		.187	1.875	2.250	3/16	1 7/8	2 1/4
666-329	626-329		.187	2.000	2.375	3/16	2	2 3/8



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Pruva™	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
666-330	626-330		.187	2.125	2.500	3/16	2 1/8	2 1/2
666-331			.187	2.250	2.625	3/16	2 1/4	2 5/8
666-332			.187	2.375	2.750	3/16	2 3/8	2 3/4
666-333			.187	2.500	2.875	3/16	2 1/2	2 7/8
666-334	626-334		.187	2.625	3.000	3/16	2 5/8	3
666-335			.187	2.750	3.125	3/16	2 3/4	3 1/8
666-336			.187	2.875	3.250	3/16	2 7/8	3 1/4
666-337			.187	3.000	3.375	3/16	3	3 3/8
666-338	626-338		.187	3.125	3.500	3/16	3 1/8	3 1/2
666-339			.187	3.250	3.625	3/16	3 1/4	3 5/8
666-340			.187	3.375	3.750	3/16	3 3/8	3 3/4
666-341	626-341		.187	3.500	3.875	3/16	3 1/2	3 7/8
	626-342		.187	3.625	4.000	3/16	3 5/8	4
666-70250			.218	2.500	2.937	7/32	2 1/2	2 15/16
666-70256	626-70256		.218	2.562	3.000	7/32	2 9/16	3
666-70268			.218	2.687	3.125	7/32	2 11/16	3 1/8
666-70275			.218	2.750	3.187	7/32	2 3/4	3 3/16
666-70281	626-70281		.218	2.812	3.250	7/32	2 13/16	3 1/4
666-70300			.218	3.000	3.437	7/32	3	3 7/16
666-70306			.218	3.062	3.500	7/32	3 1/16	3 1/2
666-70331			.218	3.312	3.750	7/32	3 5/16	3 3/4
666-70356			.218	3.562	4.000	7/32	3 9/16	4
		6226-8	.250	.250	.750	1/4	1/4	3/4
		6226-9	.250	.312	.812	1/4	5/16	13/16
		6226-10	.250	.375	.875	1/4	3/8	7/8
		6226-11	.250	.437	.937	1/4	7/16	15/16
		6226-12	.250	.500	1.000	1/4	1/2	1
		6226-13	.250	.562	1.062	1/4	9/16	1 1/16
		6226-14	.250	.625	1.125	1/4	5/8	1 1/8
		6226-15	.250	.687	1.187	1/4	11/16	1 3/16
666-16		6226-16	.250	.750	1.250	1/4	3/4	1 1/4
		6226-17	.250	.812	1.312	1/4	13/16	1 5/16
		6226-18	.250	.875	1.375	1/4	7/8	1 3/8
		6226-19	.250	.937	1.437	1/4	15/16	1 7/16
666-20		6226-20	.250	1.000	1.500	1/4	1	1 1/2
		6226-21	.250	1.062	1.562	1/4	1 1/16	1 9/16



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Pruva™	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
		6226-22	.250	1.125	1.625	1/4	1 1/8	1 5/8
		6226-23	.250	1.187	1.687	1/4	1 3/16	1 11/16
666-24		6226-24	.250	1.250	1.750	1/4	1 1/4	1 3/4
666-400	626-400		.250	1.375	1.875	1/4	1 3/8	1 7/8
666-401	626-401		.250	1.500	2.000	1/4	1 1/2	2
666-403			.250	1.750	2.250	1/4	1 3/4	2 1/4
	626-404		.250	1.875	2.375	1/4	1 7/8	2 3/8
666-405			.250	2.000	2.500	1/4	2	2 1/2
	626-406		.250	2.125	2.625	1/4	2 1/8	2 5/8
666-407			.250	2.250	2.750	1/4	2 1/4	2 3/4
666-409	626-409		.250	2.500	3.000	1/4	2 1/2	3
666-411			.250	2.750	3.250	1/4	2 3/4	3 1/4
	626-413		.250	3.000	3.500	1/4	3	3 1/2
666-417	626-417		.250	3.500	4.000	1/4	3 1/2	4
666-418			.250	3.625	4.125	1/4	3 5/8	4 1/8
666-419			.250	3.750	4.250	1/4	3 3/4	4 1/4
666-421	626-421		.250	4.000	4.500	1/4	4	4 1/2
666-423			.250	4.250	4.750	1/4	4 1/4	4 3/4
666-425	626-425		.250	4.500	5.000	1/4	4 1/2	5
666-427			.250	4.750	5.250	1/4	4 3/4	5 1/4
	626-433		.250	5.500	6.000	1/4	5 1/2	6
	626-434		.250	5.625	6.125	1/4	5 5/8	6 1/8
666-446			.250	8.500	9.000	1/4	8 1/2	9
666-90443	626-90443		.281	4.437	5.000	9/32	4 7/16	5
666-90456			.281	4.562	5.125	9/32	4 9/16	5 1/8
666-90500			.281	5.000	5.562	9/32	5	5 9/16
666-90543			.281	5.437	6.000	9/32	5 7/16	6
666-90593			.281	5.937	6.500	9/32	5 15/16	6 1/2
666-90743			.281	7.437	8.000	9/32	7 7/16	8
	626-100037		.312	.375	1.000	5/16	3/8	1
	626-100050		.312	.500	1.125	5/16	1/2	1 1/8
		6226-25	.312	1.250	1.875	5/16	1 1/4	1 7/8
		6226-26	.312	1.375	2.000	5/16	1 3/8	2
		6226-27	.312	1.500	2.125	5/16	1 1/2	2 1/8
		6226-28	.312	1.625	2.250	5/16	1 5/8	2 1/4
666-100175		6226-29	.312	1.750	2.375	5/16	1 3/4	2 3/8
		6226-30	.312	1.875	2.500	5/16	1 7/8	2 1/2





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Pruva™	Straight	AN	C/S	I.D.	O.D.	C/S	I.D.	O.D.
		6226-31	.312	2.000	2.625	5/16	2	2 5/8
		6226-32	.312	2.125	2.750	5/16	2 1/8	2 3/4
		6226-33	.312	2.250	2.875	5/16	2 1/4	2 7/8
		6226-34	.312	2.375	3.000	5/16	2 3/8	3
		6226-35	.312	2.500	3.125	5/16	2 1/2	3 1/8
666-100287			.312	2.875	3.500	5/16	2 7/8	3 1/2
666-100437			.312	4.375	5.000	5/16	4 3/8	5
666-100512			.312	5.125	5.750	5/16	5 1/8	5 3/4
666-100537			.312	5.375	6.000	5/16	5 3/8	6
666-100550			.312	5.500	6.125	5/16	5 1/2	6 1/8
666-100600			.312	6.000	6.625	5/16	6	6 5/8
666-100637	626-100637		.312	6.375	7.000	5/16	6 3/8	7
	626-100696		.312	6.969	7.594	5/16	6 31/32	7 19/32
666-100737	626-100737		.312	7.375	8.000	5/16	7 3/8	8
	626-110162		.343	1.625	2.312	11/32	1 5/8	2 5/16
666-110931	626-110931		.343	9.312	10.000	11/32	9 5/16	10
	626-120012		.375	.125	.875	3/8	1/8	7/8
	626-120150		.375	1.500	2.250	3/8	1 1/2	2 1/4
666-120225	626-120225		.375	2.250	3.000	3/8	2 1/4	3
666-120250		6226-36	.375	2.500	3.250	3/8	2 1/2	3 1/4
666-120262		6226-37	.375	2.625	3.375	3/8	2 5/8	3 3/8
666-120275		6226-38	.375	2.750	3.500	3/8	2 3/4	3 1/2
		6226-39	.375	2.875	3.625	3/8	2 7/8	3 5/8
		6226-40	.375	3.000	3.750	3/8	3	3 3/4
666-120325	626-120325		.375	3.250	4.000	3/8	3 1/4	4
	626-120350		.375	3.500	4.250	3/8	3 1/2	4 1/4
666-120425	626-120425		.375	4.250	5.000	3/8	4 1/4	5
666-120525			.375	5.250	6.000	3/8	5 1/4	6
666-121125			.375	11.250	12.000	3/8	11 1/4	12
666-131318			.406	13.187	14.000	13/32	13 3/16	14
666-140512	626-140512		.437	5.125	6.000	7/16	5 1/8	6
	626-160700		.500	7.000	8.000	1/2	7	8
	626-160900		.500	9.000	10.000	1/2	9	10
	626-161100		.500	11.000	12.000	1/2	11	12
666-161300	626-161300		.500	13.000	14.000	1/2	13	14



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