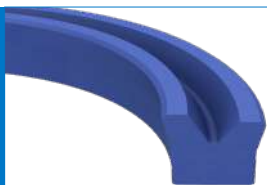
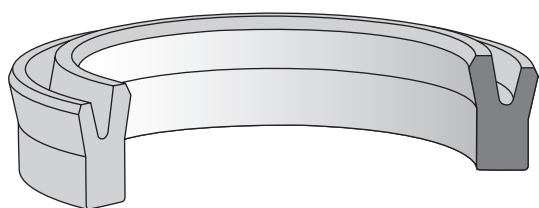


UOP

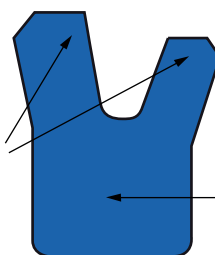


La UOP es una junta de pistón de simple efecto de una sola pieza, fabricada en poliuretano. Su perfil en U tiene el labio exterior más corto que el labio interior, de manera que la presión del fluido empuja el labio largo contra el fondo del alojamiento y el labio corto contra la pared del cilindro. Este diseño consigue un efecto estanqueizante estático y dinámico elevado con una película de aceite muy fina y permite un alojamiento de geometría sencilla.

The UOP is a one-piece single-acting piston seal made of polyurethane. Its U-profile has a shorter outer lip than inner lip, so that the fluid pressure pushes the long lip against the groove bottom and the short lip against the cylinder wall. This design achieves high static and dynamic sealing performance with a very thin oil film and allows a simple groove geometry.



Labios de sellado asimétricos
Asymmetrical sealing lip



Elemento de estanqueidad
Sealing element



-30°C
105°C



40MPa



< 0.5m/s



6mm
2000mm

- Simple efecto, sella en un solo sentido de la carrera del pistón.
- Efecto estanqueizante estático y dinámico superior.
- Diseño de una sola pieza que simplifica el alojamiento y el almacén.
- Labio exterior acortado que trabaja con película de aceite fina.
- Amplia gama de dimensiones.
- Montaje sencillo en alojamientos abiertos y en alojamientos cerrados dentro de los diámetros mínimos indicados.



- *Single-acting, seals in one direction of the piston stroke.*
- *Superior static and dynamic sealing performance.*
- *One-piece design that simplifies the groove and the stock.*
- *Shortened outer lip that works with a thin oil film.*
- *Wide range of dimensions.*
- *Simple installation in open grooves and in closed grooves within the minimum diameters indicated.*

Disponible en poliuretano, PU. Se fabrica en poliuretano de entre 90 y 95 Shore A, un material de elevada resistencia mecánica, a la abrasión y a la extrusión, que permite trabajar a presiones altas sin anillo de apoyo. Resiste los aceites minerales según DIN 51524 y los fluidos ignífugos HFA, HFB y HFC, y mantiene la estabilidad dimensional del perfil frente a la presión y a las cargas laterales.

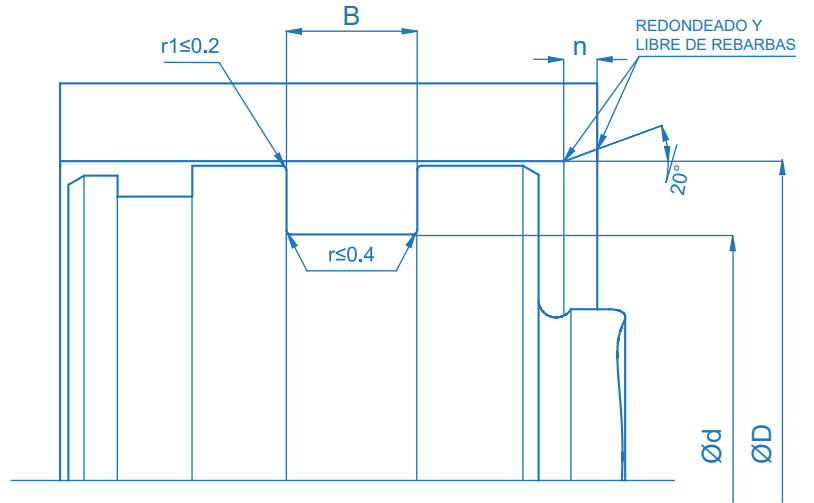
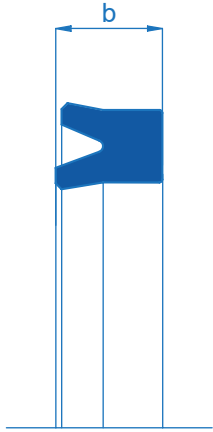


Available in polyurethane, PU. It is made of 90 and 95 Shore A polyurethane, a material with high mechanical, abrasion and extrusion resistance, which allows operation at high pressures without a back-up ring. It withstands mineral oils to DIN 51524 and HFA, HFB and HFC fire-resistant fluids, and keeps the dimensional stability of the profile under pressure and side loads.

El montaje se realiza en un alojamiento abierto o, dentro de los diámetros mínimos indicados en la tabla, en un alojamiento cerrado. Para valores fuera de esa tabla utilice alojamientos desmontables o útiles de montaje especiales. Achaflane los cantos del alojamiento y limpie el alojamiento antes de montar. Utilice útiles de material blando y sin aristas vivas, y no arrastre la junta sobre cantos vivos ni sobre roscas. Lubrique la junta con el aceite del sistema antes del montaje.

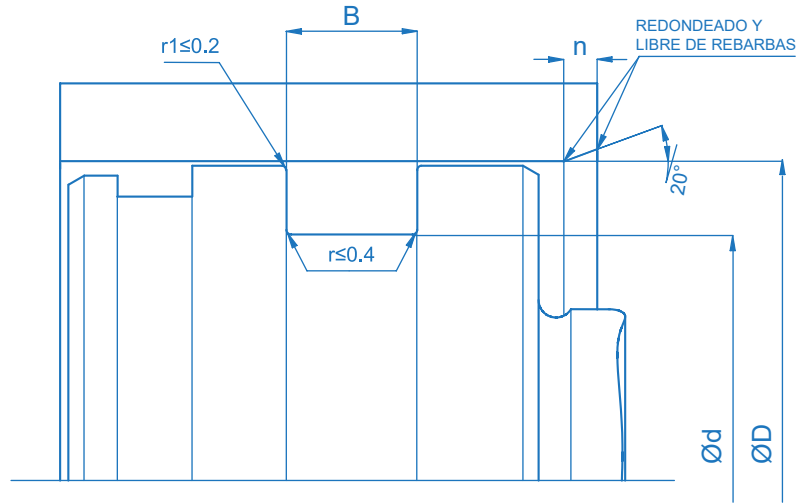
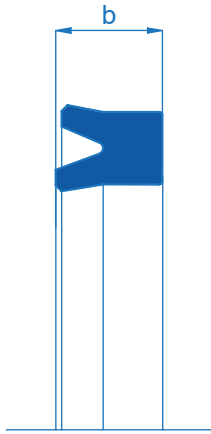
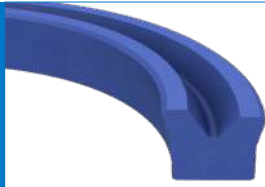


Installation is carried out in an open groove or, within the minimum diameters given in the table, in a closed groove. For values outside that table use split grooves or special installation tools. Chamfer the groove edges and clean the groove before fitting. Use soft tooling without sharp edges and do not drag the seal over sharp edges or threads. Lubricate the seal with the system oil before installation.

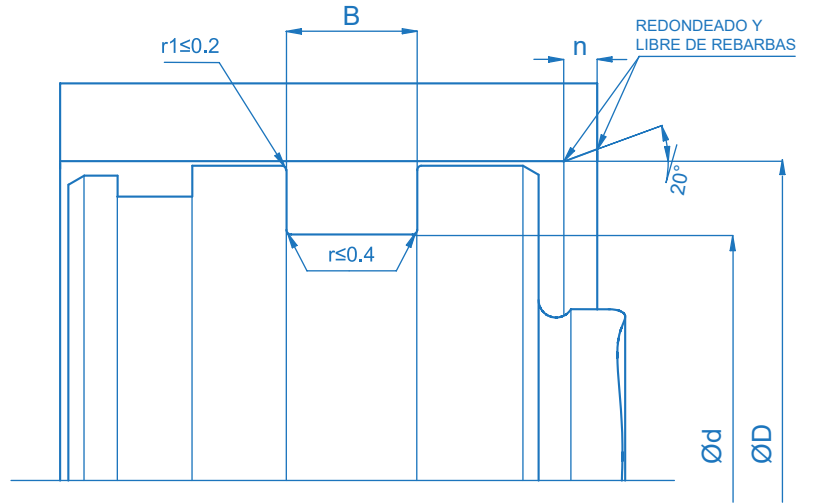
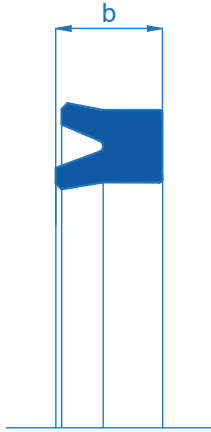


NO.	Ød	ØD	b	B	C
U-12*7*3.05 UOP	7	12	2.55	3.05	2.5
U-16*10*4.5 UOP	10	16	4	4.5	3
U-16*6*11 UOP	6	16	10	11	4.5
U-16*6*8.5 UOP	6	16	7.5	8.5	4.5
U-16*8*6.5 UOP	8	16	5.5	6.5	4
U-16*6*9 UOP	6	16	8	9	4.5
U-16*10*5 UOP	10	16	4.5	5	3
U-19.05*12.7*3.67 UOP	12.7	19.05	3.17	3.67	3
U-20*14*6.5 UOP	14	20	5.5	6.5	3
U-20*12*6.5 UOP	12	20	5.5	6.5	4
U-22*13*8 UOP	13	22	7	8	4
U-22.22*12.7*7.35 UOP	12.7	22.22	6.35	7.35	4
U-25*17*6.5 UOP	17	25	5.5	6.5	4
U-26.99*17.46*7.35 UOP	17.46	26.99	6.35	7.35	4
U-28*16*10 UOP	16	28	9	10	5
U-30*22*6 UOP	22	30	5	6	4
U-30*22*6.5 UOP	22	30	5.5	6.5	4
U-31.75*19.05*7.35 UOP	19.05	31.75	6.35	7.35	5
U-32*24*6.5 UOP	24	32	5.5	6.5	4
U-34.92*22.22*7.35 UOP	22.22	34.92	6.35	7.35	5
U-35*25*7.5 UOP	25	35	6.5	7.5	4.5
U-36*28*8 UOP	28	36	7	8	4
U-37*21*13 UOP	21	37	12	13	5.5
U-38*28*8 UOP	28	38	7	8	4.5
U-39*32*6 UOP	32	39	5	6	3
U-39.69*26.99*7.35 UOP	26.99	39.69	6.35	7.35	5

UOP

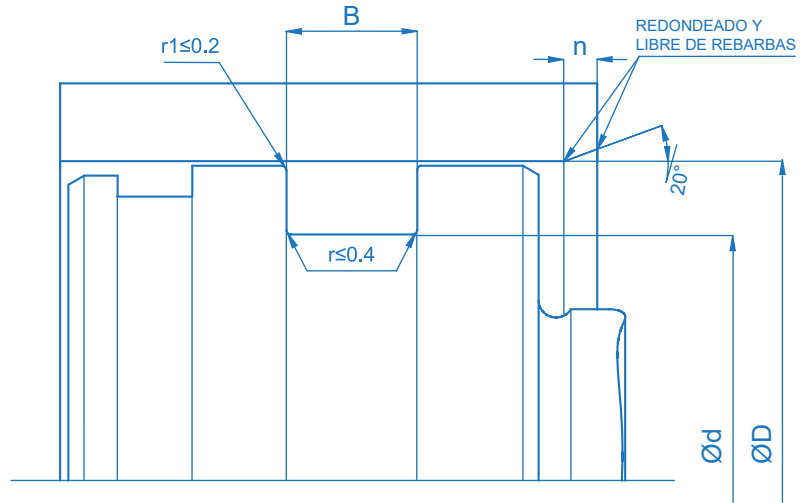
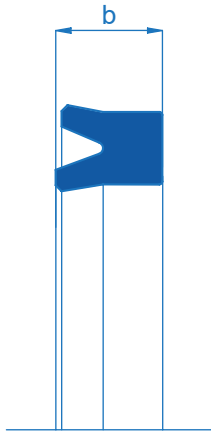
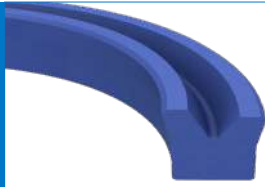


NO.	Ød	ØD	b	B	C
U-40*30*7 UOP	30	40	6	7	4.5
U-40*30*8 UOP	30	40	7	8	4.5
U-43*35*10 UOP	35	43	9	10	4
U-45*38*7 UOP	38	45	6	7	3
U-45*37*8 UOP	37	45	7	8	4
U-45*35*7 UOP	35	45	6	7	4.5
U-47*37*8 UOP	37	47	7	8	4.5
U-50*39*4.7 UOP	39	50	4.2	4.7	5
U-50*42*11 UOP	42	50	10	11	4
U-50*40*8 UOP	40	50	7	8	4.5
U-50*40*6 UOP	40	50	5	6	4.5
U-50.8*41.27*8.14 UOP	41.27	50.8	7.14	8.14	4
U-50*40*7 UOP	40	50	6	7	4.5
U-50.8*41.28*8.92 UOP	41.28	50.8	7.92	8.92	4
U-50*42*6 UOP	42	50	5	6	4
U-54*44*8.3 UOP	44	54	7.3	8.3	4.5
U-55*45*8 UOP	45	55	7	8	4.5
U-55*45*11 UOP	45	55	10	11	4.5
U-55*45*7 UOP	45	55	6	7	4.5
U-57.15*44.45*7.35 UOP	44.45	57.15	6.35	7.35	5
U-60*44*13 UOP	44	60	12	13	5.5
U-60*50*11 UOP	50	60	10	11	4.5
U-60*50*8 UOP	50	60	7	8	4.5
U-60.32*47.62*7.35 UOP	47.62	60.32	6.35	7.35	5
U-60*50*7 UOP	50	60	6	7	4.5
U-63*53*7 UOP	53	63	6	7	4.5

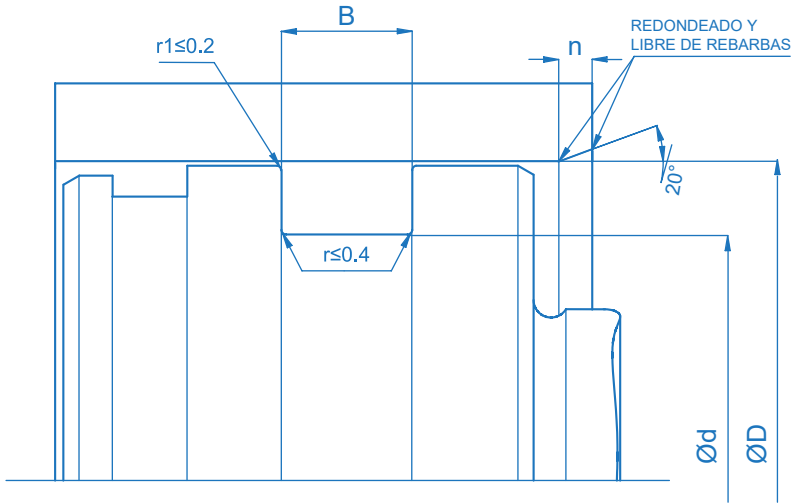
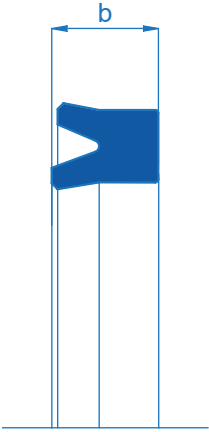


NO.	Ød	ØD	b	B	C
U-63*50*10 UOP	50	63	9	10	5
U-65*55*8 UOP	55	65	7	8	4.5
U-65*55*7 UOP	55	65	6	7	4.5
U-70*60*8 UOP	60	70	7	8	4.5
U-70*60*11 UOP	60	70	10	11	4.5
U-70*62*9 UOP	62	70	8	9	4
U-70*58*9.5 UOP	58	70	8.5	9.5	5
U-70*60*7 UOP	60	70	6	7	4.5
U-73.02*63.5*6.56 UOP	63.5	73.02	5.56	6.56	4
U-75*65*8.5 UOP	65	75	7.5	8.5	4.5
U-75*63*9.5 UOP	63	75	8.5	9.5	5
U-75*67*9.7 UOP	67	75	8.7	9.7	4
U-80*68*9.5 UOP	68	80	8.5	9.5	5
U-80*70*7 UOP	70	80	6	7	4.5
U-80*65*12.4 UOP	65	80	11.4	12.4	5.5
U-80*72*13 UOP	72	80	12	13	4
U-80*70*13 UOP	70	80	12	13	4.5
U-85*73*9.5 UOP	73	85	8.5	9.5	5
U-85.7*70.7*11.4 UOP	70.7	85.7	10.4	11.4	5.5
U-90*78*9.5 UOP	78	90	8.5	9.5	5
U-90*80*7 UOP	80	90	6	7	4.5
U-90*75*10.3 UOP	75	90	9.3	10.3	5.5
U-98.42*85.72*10.52 UOP	85.72	98.42	9.52	10.52	5
U-100*85*10 UOP	85	100	9	10	5.5
U-100*90*9.5 UOP	90	100	8.5	9.5	4.5
U-100*88*9.5 UOP	88	100	8.5	9.5	5

UOP



NO.	Ød	ØD	b	B	C
U-100*88*10.5 UOP	88	100	9.5	10.5	5
U-100*90*11.5 UOP	90	100	10.5	11.5	4.5
U-101.6*88.9*10.52 UOP	88.9	101.6	9.52	10.52	5
U-101.6*82.55*13.7 UOP	82.55	101.6	12.7	13.7	6
U-110*95*13 UOP	95	110	12	13	5.5
U-110*95*10 UOP	95	110	9	10	5.5
U-115*100*7 UOP	100	115	6	7	5.5
U-120*105*11 UOP	105	120	10	11	5.5
U-120*105*10 UOP	105	120	9	10	5.5
U-125*105*13 UOP	105	125	12	13	6
U-125*110*11 UOP	110	125	10	11	5.5
U-125*112*10 UOP	112	125	9	10	5
U-130*110*13 UOP	110	130	12	13	6
U-130*115*10 UOP	115	130	9	10	5.5
U-130*118*9 UOP	118	130	8	9	5
U-140*120*17 UOP	120	140	16	17	6
U-140*125*10 UOP	125	140	9	10	5.5
U-145*130*11 UOP	130	145	10	11	5.5
U-149.22*136.52*10.52 UOP	136.52	149.22	9.52	10.52	5
U-150*135*9 UOP	135	150	8	9	5.5
U-150*135*10 UOP	135	150	9	10	5.5
U-160*140*15 UOP	140	160	14	15	6
U-160*145*11 UOP	145	160	10	11	5.5
U-160*145*10 UOP	145	160	9	10	5.5
U-170*148*16 UOP	148	170	15	16	6
U-170*155*10.5 UOP	155	170	9.5	10.5	5.5



NO.	Ød	ØD	b	B	C
U-180*160*10 UOP	160	180	9	10	6
U-180*160*15 UOP	160	180	14	15	6
U-180*165*10 UOP	165	180	9	10	5.5
U-180*160*13 UOP	160	180	12	13	6
U-180*160*16 UOP	160	180	15	16	6
U-200*175*17 UOP	175	200	16	17	7
U-200*180*15 UOP	180	200	14	15	6
U-200*180*13 UOP	180	200	12	13	6
U-220*195*17 UOP	195	220	16	17	7
U-230*210*10 UOP	210	230	9	10	6
U-250*230*15 UOP	230	250	14	15	6
U-250*230*16 UOP	230	250	15	16	6
U-250*230*13 UOP	230	250	12	13	6