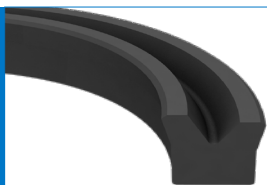
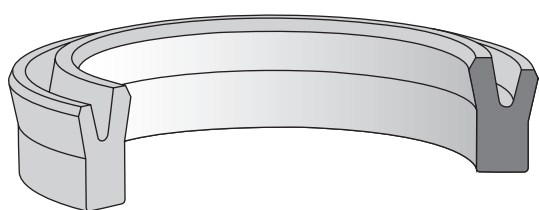


UOR

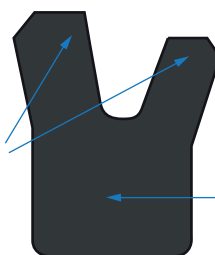


La UOR es una junta de pistón de simple efecto de una sola pieza, con perfil en U y labios de estanqueidad asimétricos. El labio exterior, más corto que el interior, apoya contra la pared del cilindro, mientras que el labio largo se asienta en el fondo del alojamiento. La presión del fluido abre los labios y refuerza el cierre, de manera que la estanqueidad aumenta con la presión y la junta trabaja con una película de aceite muy fina.

The UOR is a one-piece single-acting piston seal with a U-profile and asymmetrical sealing lips. The outer lip, shorter than the inner one, bears against the cylinder wall, while the long lip seats on the groove bottom. The fluid pressure opens the lips and reinforces the seal, so that sealing performance increases with pressure and the seal works with a very thin oil film.



Labios de sellado asimétricos
Asymmetrical sealing lip



Elemento de estanqueidad
Sealing element



-50°C
350°C



40MPa



< 0.5m/s



6mm
2000mm

- Simple efecto, sella en un solo sentido de la carrera.
- Labios asimétricos que reducen el rozamiento.
- Buen cierre estático y dinámico con película de aceite fina.
- Una sola pieza, alojamiento sencillo y montaje rápido.
- Amplia gama de compuestos y de dimensiones.
- Indicada para movimiento de tierras, vehículos industriales, maquinaria agrícola y cilindros estándar.



- Single-acting, seals in one direction of the stroke.
- Asymmetrical lips that reduce friction.
- Reliable static and dynamic sealing with a thin oil film.
- One piece, simple groove and quick installation.
- Wide range of compounds and dimensions.
- Suitable for earth-moving, industrial vehicles, agricultural machinery and standard cylinders.

El compuesto estándar es el NBR aunque también puede fabricarse en otros elastómeros como EPDM, FKM, FFKM, NR, CR, VMQ y PTFE en durezas entre 80 y 95 Shore A. El NBR resiste los aceites minerales, las grasas y los fluidos hidráulicos HL y HLP. El EPDM se recomienda para agua caliente, vapor y fluidos de freno, el FKM y el FFKM para altas temperaturas y agresividad química, el NR y el CR para servicio general y buena resistencia a la abrasión, el VMQ para temperaturas extremas y aplicaciones alimentarias, y el PTFE para los medios más agresivos y la fricción más baja.

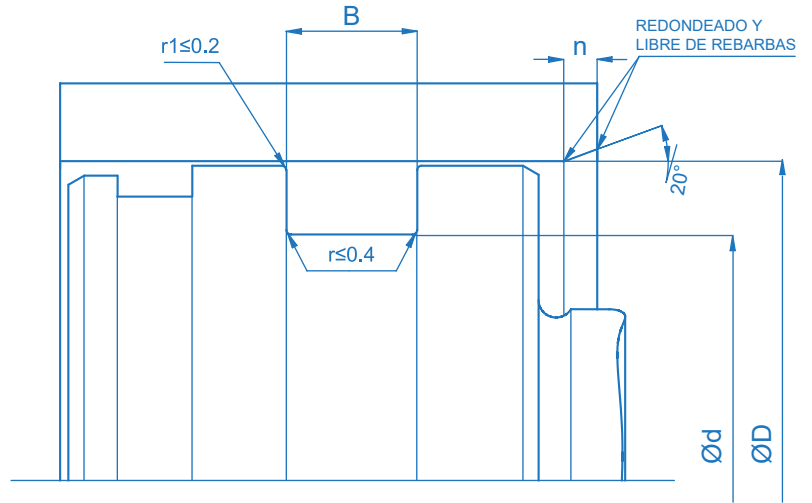
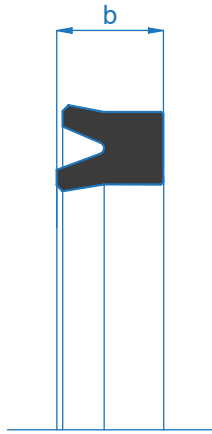


The standard compound is NBR, although it can also be manufactured in other elastomers such as EPDM, FKM, FFKM, NR, CR, VMQ and PTFE, in hardnesses between 80 and 95 Shore A. NBR withstands mineral oils, greases and HL and HLP hydraulic fluids. EPDM is recommended for hot water, steam and brake fluids, FKM and FFKM for high temperatures and chemical aggressiveness, NR and CR for general service and good abrasion resistance, VMQ for extreme temperatures and food applications, and PTFE for the most aggressive media and the lowest friction.

El montaje se realiza en un alojamiento abierto de pistón, o en alojamiento cerrado dentro de los diámetros mínimos admisibles. 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 rosas. Compruebe que el labio queda orientado hacia el lado de presión y lubrique la junta con el aceite del sistema antes del montaje.

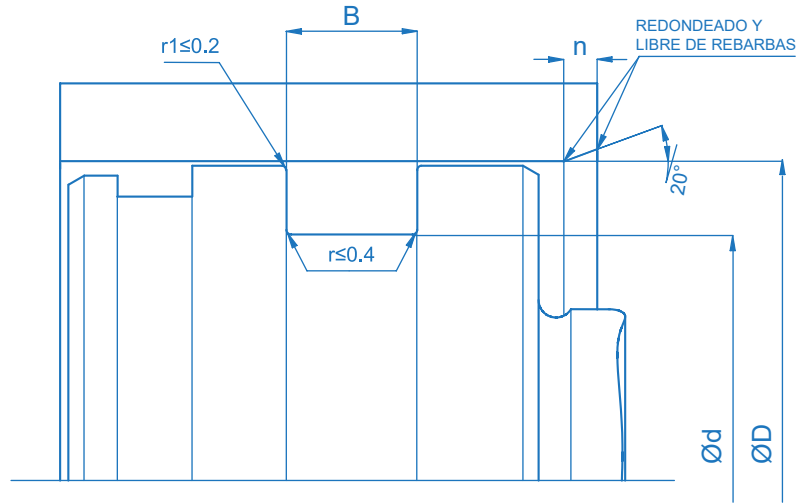
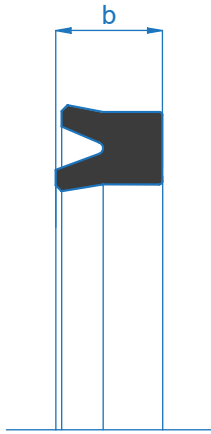
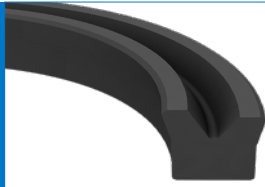


Installation is carried out in an open piston groove, or in a closed groove within the permissible minimum diameters. Chamfer the groove edges and clean the groove before fitting. Use soft tooling without sharp edges and do not drag the seal over sharp edges or threads. Check that the lip faces the pressure side and lubricate the seal with the system oil before installation.

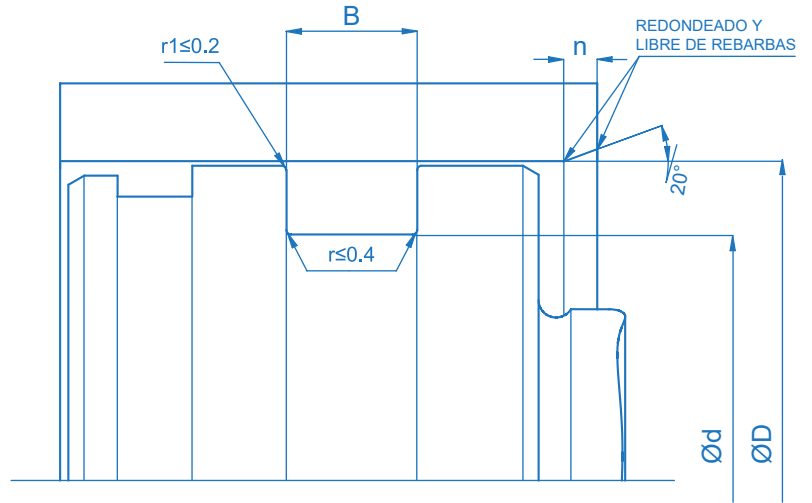
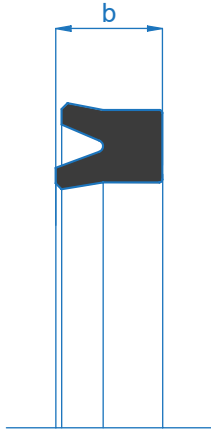


NO.	Ød	ØD	b	B	C
U-12*7*3.05 UOR	7	12	2.55	3.05	2.5
U-16*10*4.5 UOR	10	16	4	4.5	3
U-16*6*11 UOR	6	16	10	11	4.5
U-16*6*8.5 UOR	6	16	7.5	8.5	4.5
U-16*8*6.5 UOR	8	16	5.5	6.5	4
U-16*6*9 UOR	6	16	8	9	4.5
U-16*10*5 UOR	10	16	4.5	5	3
U-19.05*12.7*3.67 UOR	12.7	19.05	3.17	3.67	3
U-20*14*6.5 UOR	14	20	5.5	6.5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

UOP

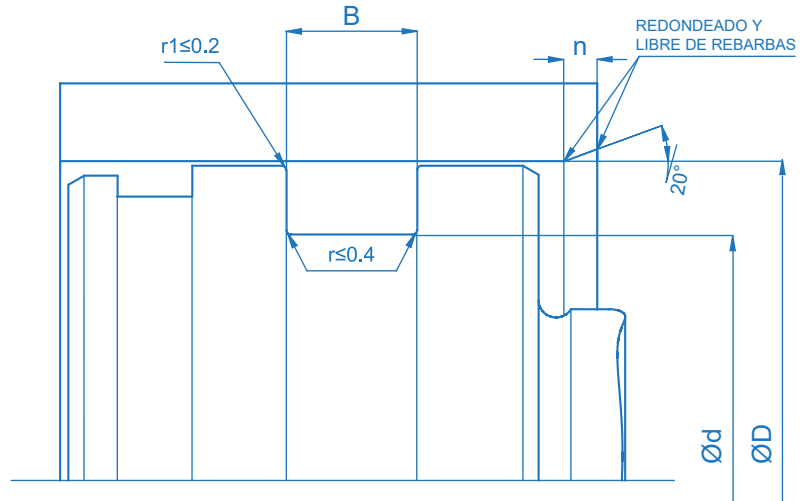
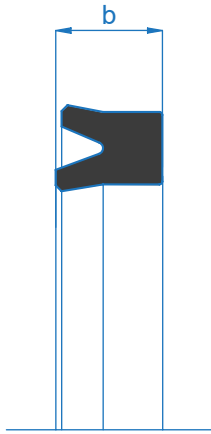
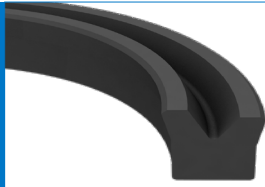


NO.	Ød	ØD	b	B	C
U-40*30*7 UOR	30	40	6	7	4.5
U-40*30*8 UOR	30	40	7	8	4.5
U-43*35*10 UOR	35	43	9	10	4
U-45*38*7 UOR	38	45	6	7	3
U-45*37*8 UOR	37	45	7	8	4
U-45*35*7 UOR	35	45	6	7	4.5
U-47*37*8 UOR	37	47	7	8	4.5
U-50*39*4.7 UOR	39	50	4.2	4.7	5
U-50*42*11 UOR	42	50	10	11	4
U-50*40*8 UOR	40	50	7	8	4.5
U-50*40*6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

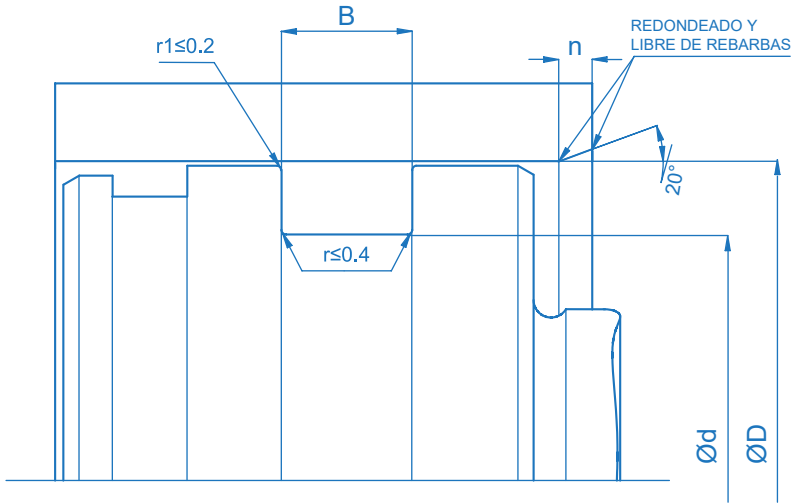
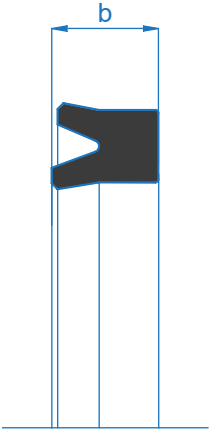


NO.	Ød	ØD	b	B	C
U-63*50*10 UOR	50	63	9	10	5
U-65*55*8 UOR	55	65	7	8	4.5
U-65*55*7 UOR	55	65	6	7	4.5
U-70*60*8 UOR	60	70	7	8	4.5
U-70*60*11 UOR	60	70	10	11	4.5
U-70*62*9 UOR	62	70	8	9	4
U-70*58*9.5 UOR	58	70	8.5	9.5	5
U-70*60*7 UOR	60	70	6	7	4.5
U-73.02*63.5*6.56 UOR	63.5	73.02	5.56	6.56	4
U-75*65*8.5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

UOP



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



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