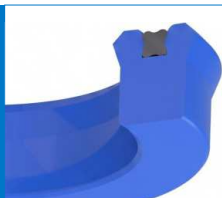
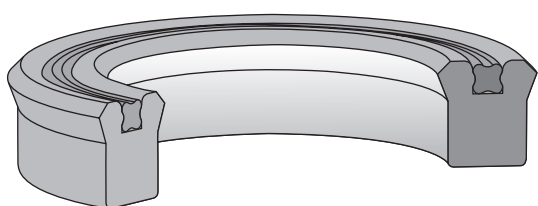


HBX

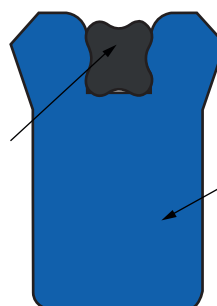


La junta HBX es una junta simétrica de doble efecto formada por un perfil en U de poliuretano con labios de estanqueidad de precisión y una junta quadring alojada entre ellos como elemento energizante. El quadring actúa como muelle y mantiene el contacto de sellado incluso a baja presión o en vacío. Su diseño de labios consigue una estanqueidad eficaz en aplicaciones de vacío y de alta y baja presión. Es apta para cilindros hidráulicos de servicio medio y plataformas de retención, y puede emplearse también como junta de vástago combinada con otros perfiles para aplicaciones más exigentes.

The HBX is a symmetrical double-acting seal made up of a polyurethane U-profile with precision sealing lips and x-ring housed between them as the energizing element. The x-ring acts as a spring and keeps the sealing contact even at low pressure or vacuum. Its lip design achieves effective sealing in vacuum and in high and low pressure applications. It is suitable for medium-duty hydraulic cylinders and holding platforms, and it can also be used as a rod seal combined with other profiles for more demanding applications.



Junta quadring
X-ring



Cuerpo de poliuretano
PU Body



-40°C
100°C



40MPa



< 0.5m/s



6mm
2000mm

- Junta simétrica de doble efecto.
- Sella en vacío y en aplicaciones de alta y baja presión.
- El quadring energiza los labios y mantiene el contacto incluso a baja presión o en vacío.
- Labios de estanqueidad de precisión.
- Elevada resistencia al desgaste gracias al poliuretano.
- Apta para cilindros hidráulicos de servicio medio y plataformas de retención.
- Puede emplearse como junta de vástago combinada con otros perfiles.



- Symmetrical double-acting seal.
- Seals in vacuum and in high and low pressure applications.
- The x-ring energizes the lips and keeps contact even at low pressure or vacuum.
- Precision sealing lips.
- High wear resistance thanks to polyurethane.
- Suitable for medium-duty hydraulic cylinders and holding platforms.
- Can be used as a rod seal combined with other profiles.

Perfil en U en poliuretano (PU) de 92 Shore A, de elevada resistencia al desgaste, con junta quadring energizante en NBR (nitrilo) de 70/75 Shore A. Adecuada para aceites minerales, aceites biodegradables y fluidos de base agua (solubles en agua y agua-glicol) mediante la selección adecuada del material.

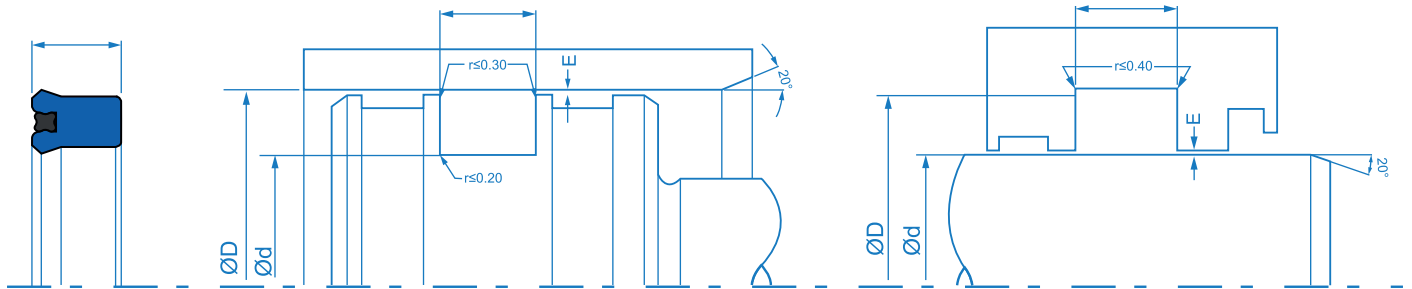


Polyurethane (PU) U-profile of 92 Shore A, with high wear resistance, and an energizing x-ring in NBR (nitrile) of 70/75 Shore A. Suitable for mineral oils, bio oils and water-based fluids (water soluble and water glycol) through the appropriate material selection.

Lubricar la junta y las superficies de montaje. Acharflanar y pulir los cantos de entrada. Evitar rebabas y cantos vivos. Montar sin torsiones ni pellizcos. Respetar la rugosidad recomendada y comprobar el correcto asentamiento antes de la puesta en servicio.

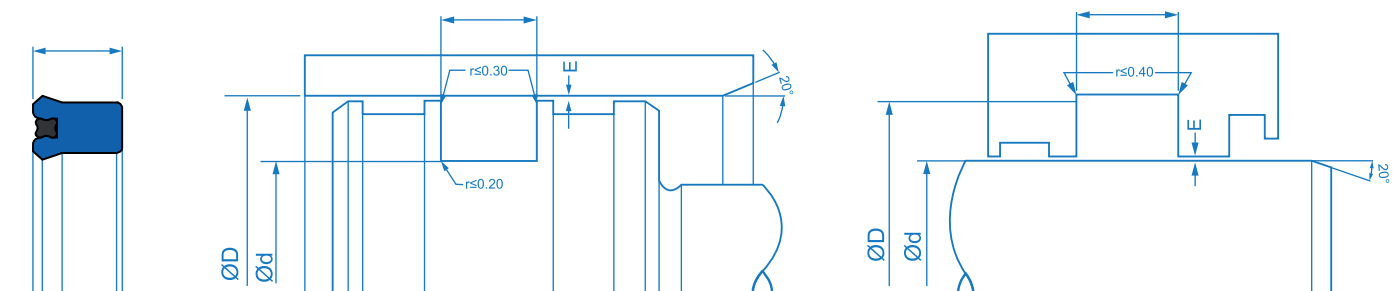
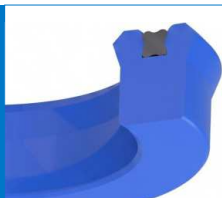


Lubricate the seal and the mating surfaces. Chamfer and polish the lead-in edges. Avoid burrs and sharp edges. Fit without twisting or pinching. Keep the recommended surface roughness and check correct seating before commissioning.



NO.	Ød	ØD	b	B
U-5*12*5 HBX	5	12	5	5.5
U-6.35*15.87*4.75 HBX	6.35	15.87	4.75	5.25
U-9.53*19.05*5 HBX	9.53	19.05	5	5.5
U-10*16*3.15 HBX	10	16	3.15	3.5
U-10*18*5.8 HBX	10	18	5.8	6.4
U-10*18*6 HBX	10	18	6	6.63
U-12*22*8 HBX	12	22	8	8.73
U-15.87*22.22*3.17 HBX	15.87	22.22	3.17	3.5
U-15.87*22.22*6.4 HBX	15.87	22.22	6.4	6.98
U-15.87*25.4*8 HBX	15.87	25.4	8	8.73
U-16*22*6.2 HBX	16	22	6.2	6.98
U-16*24*5 HBX	16	24	5	5.5
U-16*26*7 HBX	16	26	7	7.7
U-16*26*7 HBX	16	26	7	7.7
U-17*25*6.5 HBX	17	25	6.5	7.2
U-17.46*23.81*6.4 HBX	17.46	23.81	6.4	6.98
U-18*25*5 HBX	18	25	5	5.5
U-18*26*5 HBX	18	26	5	5.5
U-19.05*25.39*3.3 HBX	19.05	25.39	3.3	3.6
U-19.84*26.18*3.3 HBX	19.84	26.18	3.3	3.6
U-20*28*5 HBX	20	28	5	5.5
U-20*28*5.7 HBX	20	28	5.7	6.3
U-20*30*6.7 HBX	20	30	6.7	7.2
U-22*30*5 HBX	22	30	5	5.5
U-25*35*7 HBX	25	35	7	7.7
U-25*38*10 HBX	25	38	10	11

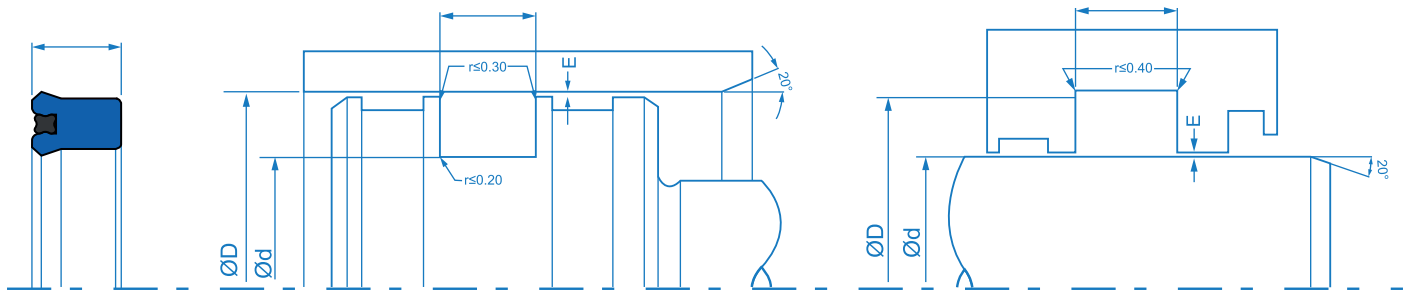
HBX



NO.	Ød	ØD	b	B
U-25*38*10 HBX	25	38	10	11
U-25.4*31.75*6.35 HBX	25.4	31.75	6.35	6.98
U-25.4*38.1*9 HBX	25.4	38.1	9	10
U-28*36*5.3 HBX	28	36	5.3	5.8
U-28.5*35*3.25 HBX	28.5	35	3.25	3.6
U-28.58*44.45*7.93 HBX	28.58	44.45	7.93	8.73
U-28.58*44.45*9.52 HBX	28.58	44.45	9.52	10.5
U-30*40*7 HBX	30	40	7	7.7
U-30*40*10 HBX	30	40	10	11
U-31.75*41.27*7.93 HBX	31.75	41.27	7.93	8.73
U-31.75*41.27*8 HBX	31.75	41.27	8	8.73
U-32*42*6 HBX	32	42	6	6.63
U-34.92*43.65*6 HBX	34.92	43.65	6	6.63
U-35*43*8 HBX	35	43	8	8.73
U-35*44*8 HBX	35	44	8	8.73
U-37*50*6 HBX	37	50	6	6.63
U-38.1*47.62*9.52 HBX	38.1	47.62	9.52	10.5
U-38.1*47.62*9.52 HBX	38.1	47.62	9.52	10.5
U-38.1*53.97*7.93 HBX	38.1	53.97	7.93	8.73
U-40*50*6 HBX	40	50	6	6.63
U-40*50*7.3 HBX	40	50	7.3	8
U-44.45*50.8*3.17 HBX	44.45	50.8	3.17	3.5
U-44.45*53.97*6.35 HBX	44.45	53.97	6.35	6.98
U-47.62*63.47*12.7 HBX	47.62	63.47	12.7	13.97
U-50*63*10 HBX	50	63	10	11
U-50*65*12 HBX	50	65	12	13

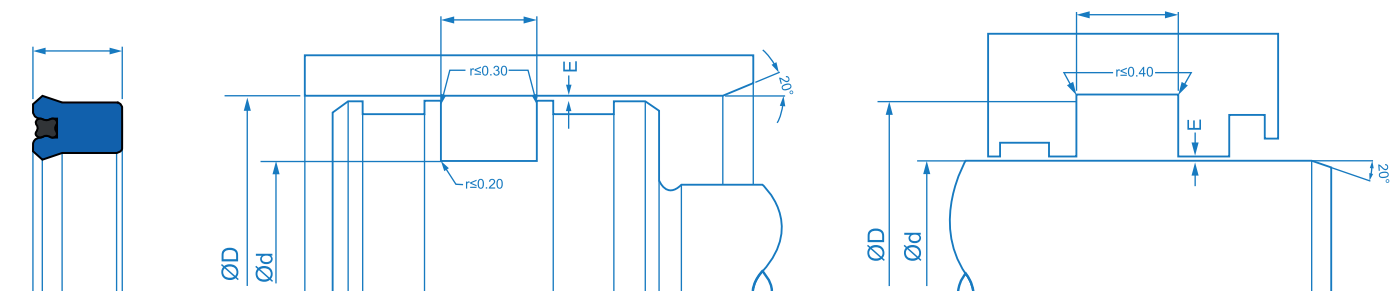
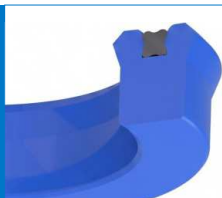


HBX



NO.	Ød	ØD	b	B
U-50*72*7 HBX	50	72	7	7.7
U-50*72*9 HBX	50	72	9	10
U-50.8*63.5*6.35 HBX	50.8	63.5	6.35	6.98
U-50.8*63.5*9.52 HBX	50.8	63.5	9.52	10.5
U-50.8*63.5*9.52 HBX	50.8	63.5	9.52	10.5
U-53.97*60.32*3.17 HBX	53.97	60.32	3.17	3.5
U-55*70*10.5 HBX	55	70	10.5	11.5
U-56*64*9 HBX	56	64	9	10
U-56*66*6 HBX	56	66	6	6.63
U-57.15*69.85*9.52 HBX	57.15	69.85	9.52	10.5
U-60*72*10 HBX	60	72	10	11
U-60.32*69.85*4.76 HBX	60.32	69.85	4.76	5.25
U-60.32*69.85*19.05 HBX	60.32	69.85	19.05	20.5
U-60.32*70.64*5 HBX	60.32	70.64	5	5.5
U-63*73*6.5 HBX	63	73	6.5	7.2
U-63*78*11.4 HBX	63	78	11.4	11.5
U-63.5*73.02*9.52 HBX	63.5	73.02	9.52	10.5
U-63.5*73.81*5 HBX	63.5	73.81	5	5.5
U-63.5*76.2*9.5 HBX	63.5	76.2	9.5	10.5
U-69.85*76.2*6.2 HBX	69.85	76.2	6.2	6.98
U-69.85*79.37*4.6 HBX	69.85	79.37	4.6	5.25
U-69.85*79.37*7.93 HBX	69.85	79.37	7.93	8.73
U-70*80*10 HBX	70	80	10	11
U-70*90*12 HBX	70	90	12	13
U-73.02*88.9*9.52 HBX	73.02	88.9	9.52	10.5
U-76*87.2*9.5 HBX	76	87.2	9.5	10.5

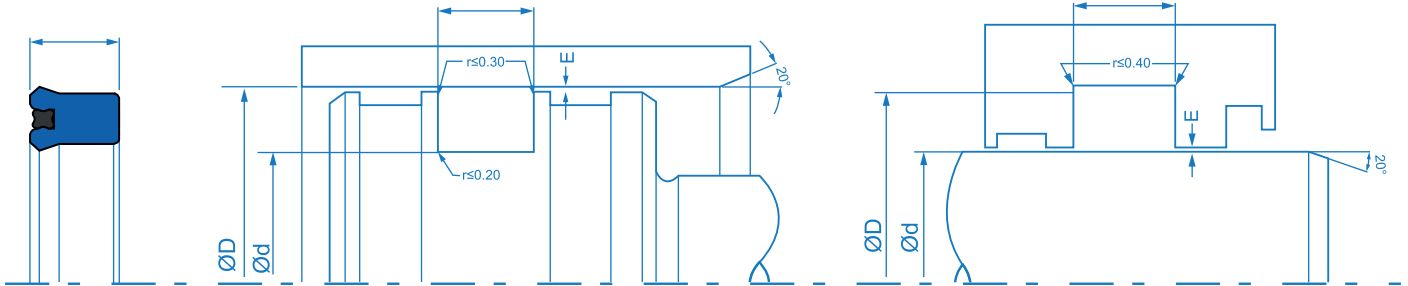
HBX



NO.	Ød	ØD	b	B
U-76.2*82.55*6.2 HBX	76.2	82.55	6.2	6.98
U-76.2*85.72*9.52 HBX	76.2	85.72	9.52	10.5
U-76.2*88.9*9.52 HBX	76.2	88.9	9.52	10.5
U-76.2*92.07*7.93 HBX	76.2	92.07	7.93	8.73
U-79.37*88.9*4.8 HBX	79.37	88.9	4.8	5.25
U-85*100*10 HBX	85	100	10	11
U-85*100*12 HBX	85	100	12	13
U-85.72*95.24*9.4 HBX	85.72	95.24	9.4	10.5
U-88.9*101.4*7.25 HBX	88.9	101.4	7.25	8
U-88.9*101.6*10 HBX	88.9	101.6	10	11
U-88.9*108.5*12.5 HBX	88.9	108.5	12.5	13.5
U-95.25*104.77*9.52 HBX	95.25	104.77	9.52	10.5
U-95.25*107.95*9.52 HBX	95.25	107.95	9.52	10.5
U-95.35*108*7.25 HBX	95.35	108	7.25	8
U-100*115*12 HBX	100	115	12	13
U-107.95*120.65*6.35 HBX	107.95	120.65	6.35	6.98
U-107.95*127*10 HBX	107.95	127	10	11
U-111.12*120.65*4.75 HBX	111.12	120.65	4.75	5.25
U-111.12*120.65*9.52 HBX	111.12	120.65	9.52	10.5
U-112*125*9 HBX	112	125	9	10
U-114.3*127*6.35 HBX	114.3	127	6.35	6.98
U-120.65*142.87*20.95 HBX	120.65	142.87	20.95	22.5
U-127*146.05*15.9 HBX	127	146.05	15.9	17.5
U-133.35*152.4*16 HBX	133.35	152.4	16	17.5
U-140*160*12 HBX	140	160	12	13
U-140*160*15 HBX	140	160	15	16.5



HBX



NO.	Ød	ØD	b	B
U-150*170*15 HBX	150	170	15	16.5
U-152.4*165.1*6.35 HBX	152.4	165.1	6.35	6.98
U-152.4*165.1*9.52 HBX	152.4	165.1	9.52	10.5
U-160*190*18 HBX	160	190	18	19.5
U-180*200*15 HBX	180	200	15	16.5
U-190.3*203.2*6.35 HBX	190.3	203.2	6.35	6.98
U-190.5*203.5*6.35 HBX	190.5	203.5	6.35	6.98
U-196.85*209.55*12.7 HBX	196.85	209.55	12.7	13.97
U-200*225*15 HBX	200	225	15	16.5
U-230*260*18 HBX	230	260	18	19.5
U-260*290*18 HBX	260	290	18	19.5
U-320*350*18 HBX	320	350	18	19.5