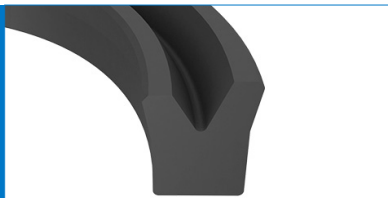
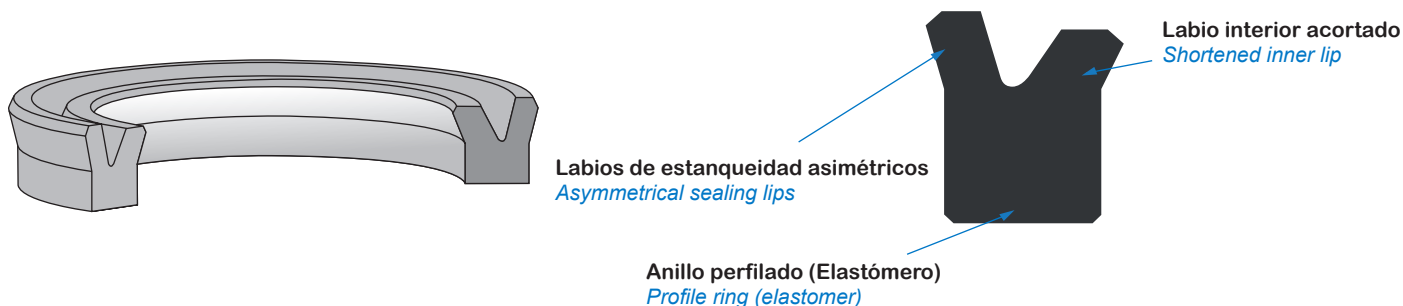


UIR



Junta de vástago hidráulica de perfil en U, asimétrica y de simple efecto. Sella el vástago aprovechando la presión del sistema: cuanto mayor es la presión, mayor es el efecto de estanqueidad. Su labio interior acortado y su labio de cierre rebajado reducen la fricción, mientras que el ajuste firme en el diámetro exterior asegura un asiento estable en el alojamiento. UIR es el diseño estándar para hidráulica y cilindros normalizados.

Asymmetrical single-acting hydraulic rod seal with a U-shaped profile. It seals the rod using system pressure: the higher the pressure, the greater the sealing effect. Its shortened inner lip and recessed sealing lip reduce friction, while the tight fit on the outer diameter ensures a stable seat in the housing. UIR is the standard design for hydraulics and standard cylinders.



-50°C
350°C



40MPa



< 0.5m/s



6mm
2000mm

- Diseño asimétrico de simple efecto para el sellado de vástagos.
- Excelente efecto de estanqueidad estática y dinámica.
- El aumento de presión incrementa el efecto de sellado.
- Labio interior acortado y labio de cierre rebajado que reducen la fricción.
- Ajuste firme en el diámetro exterior para un asiento seguro en la ranura.
- Montaje sencillo a presión en ranura cerrada.



- *Asymmetrical single-acting design for rod sealing.*
- *Excellent static and dynamic sealing effect.*
- *Pressure build-up increases the sealing effect.*
- *Shortened inner lip and recessed sealing lip that reduce friction.*
- *Tight fit on the outer diameter for a secure seat in the groove.*
- *Simple snap-on assembly in a closed groove.*

Disponible en materiales NBR, EPDM, FKM, FFKM, NR, CR, VMQ y PTFE, seleccionables según el fluido y la temperatura de trabajo. Esta gama ofrece una combinación óptima de resistencia química y estabilidad térmica, con buen comportamiento frente a aceites hidráulicos, aceites lubricantes, grasas y fluidos ignífugos HFA, HFB y HFC. La elección del compuesto adecuado garantiza un sellado fiable y una larga vida útil del vástago.



Available in NBR, EPDM, FKM, FFKM, NR, CR, VMQ and PTFE materials, selectable according to the working fluid and temperature. This range offers an optimal combination of chemical resistance and thermal stability, with good behaviour against hydraulic oils, lubricating oils, greases and flame-retardant fluids HFA, HFB and HFC. Choosing the right compound ensures reliable sealing and a long rod service life.

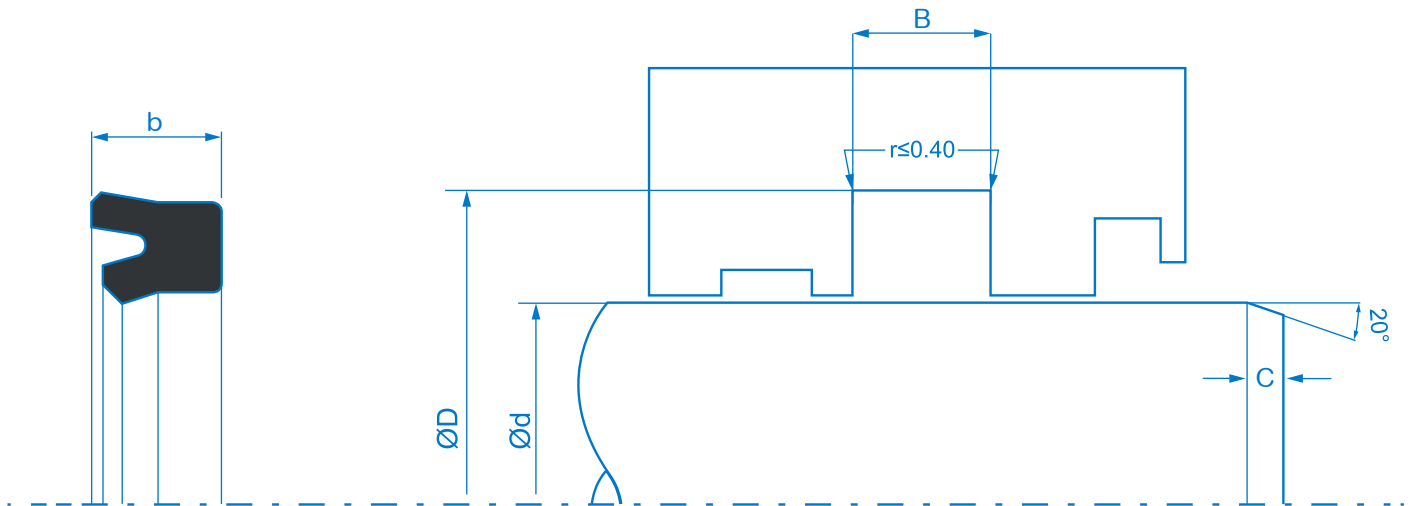
El UIR se monta en una ranura cerrada. Achaflana los cantos del alojamiento y del vástago para evitar daños, y limpia el alojamiento antes del montaje. No arrastres la junta sobre cantos vivos, roscas ni chaveteros: utiliza un casquillo de montaje si es necesario. Lubrica el vástago antes de instalar el conjunto para asegurar un sellado correcto.



The UIR is fitted into a closed groove. Chamfer the edges of the housing and the rod to prevent damage, and clean the installation space before assembly. Do not pull the seal over sharp edges, threads or keyways: use a mounting sleeve if necessary. Oil the rod before installing the assembly to ensure a correct seal.

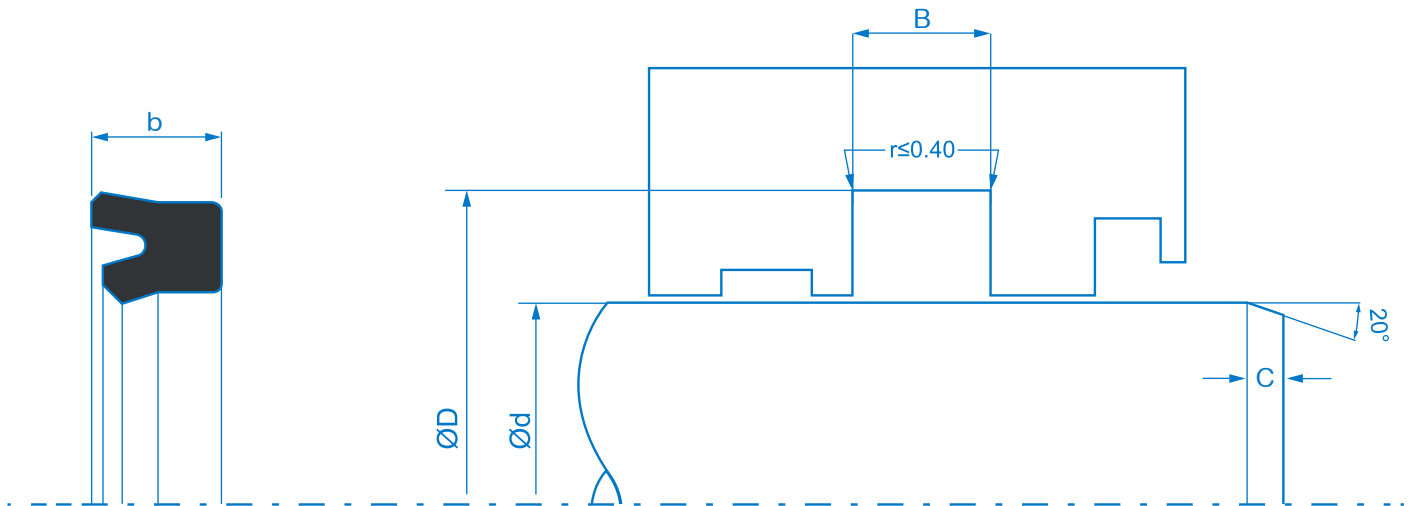
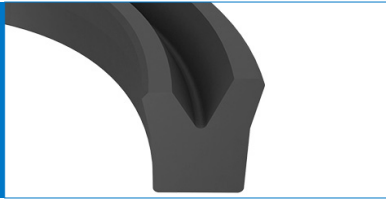


UIR

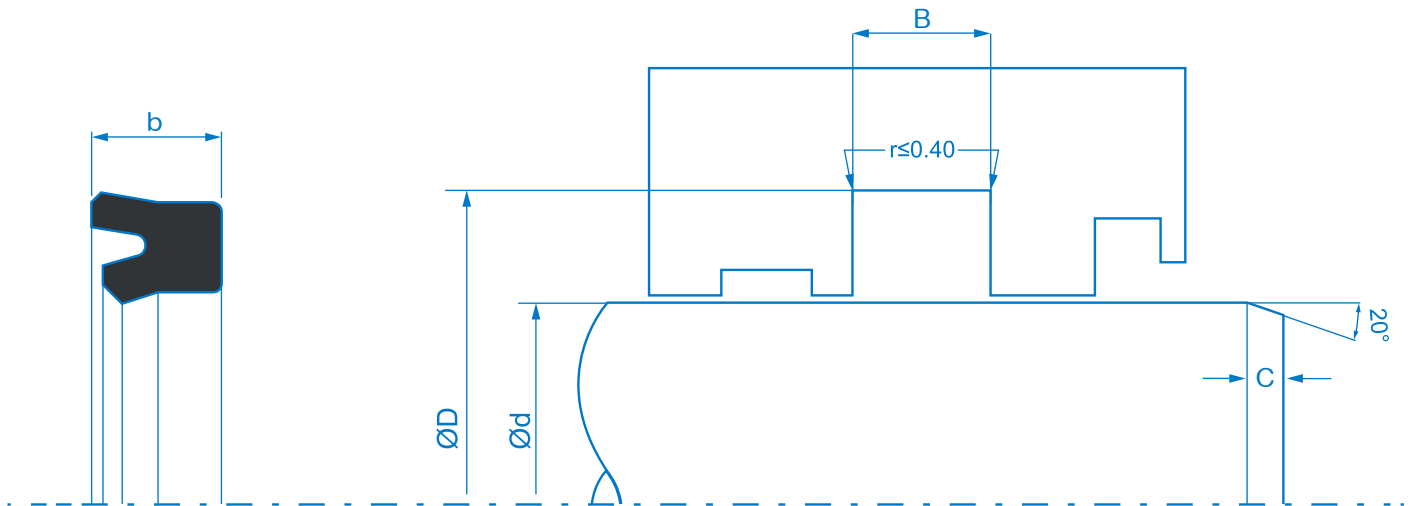


NO.	Ød	ØD	b	B	C
U-2*5.5*2.6 UIR	2	5.5	2.6	3.1	2
U-4*12*6 UIR	4	12	6	7	4
U-4*12*4.5 UIR	4	12	4.5	5	4
U-4*8*3 UIR	4	8	3	3.5	2
U-5*10*4 UIR	5	10	4	4.5	2
U-6.35*12.7*3.96 UIR	6.35	12.7	3.96	4.46	3
U-6*12*4 UIR	6	12	4	4.5	3
U-8*13.2*3.1 UIR	8	13.2	3.1	3.6	2
U-8*16*5.5 UIR	8	16	5.5	6.5	4
U-8*14*4.5 UIR	8	14	4.5	5	3
U-8*14*4 UIR	8	14	4	4.5	3
U-9.52*16.5*3.96 UIR	9.52	16.5	3.96	4.46	3.5
U-9*15*9 UIR	9	15	9	10	3
U-10*18*5.5 UIR	10	18	5.5	6.5	4
U-10*13.6*2.3 UIR	10	13.6	2.3	2.8	2
U-10*14*2 UIR	10	14	2	2.5	2
U-10*16*4.5 UIR	10	16	4.5	5	3
U-12*22*7.5 UIR	12	22	7.5	8.5	4.5
U-12*18*4.5 UIR	12	18	4.5	5	3
U-12*20*5.5 UIR	12	20	5.5	6.5	4
U-14*18*4 UIR	14	18	4	4.5	2
U-14*22*5.5 UIR	14	22	5.5	6.5	4
U-14.28*20.63*4.76 UIR	14.28	20.63	4.76	5.76	3
U-14*19*3.5 UIR	14	19	3.5	4	2
U-15*23*6.3 UIR	15	23	6.3	7.3	4
U-15.87*22.22*4.76 UIR	15.87	22.22	4.76	5.76	3
U-15*22*4.3 UIR	15	22	4.3	4.8	3.5

UIR

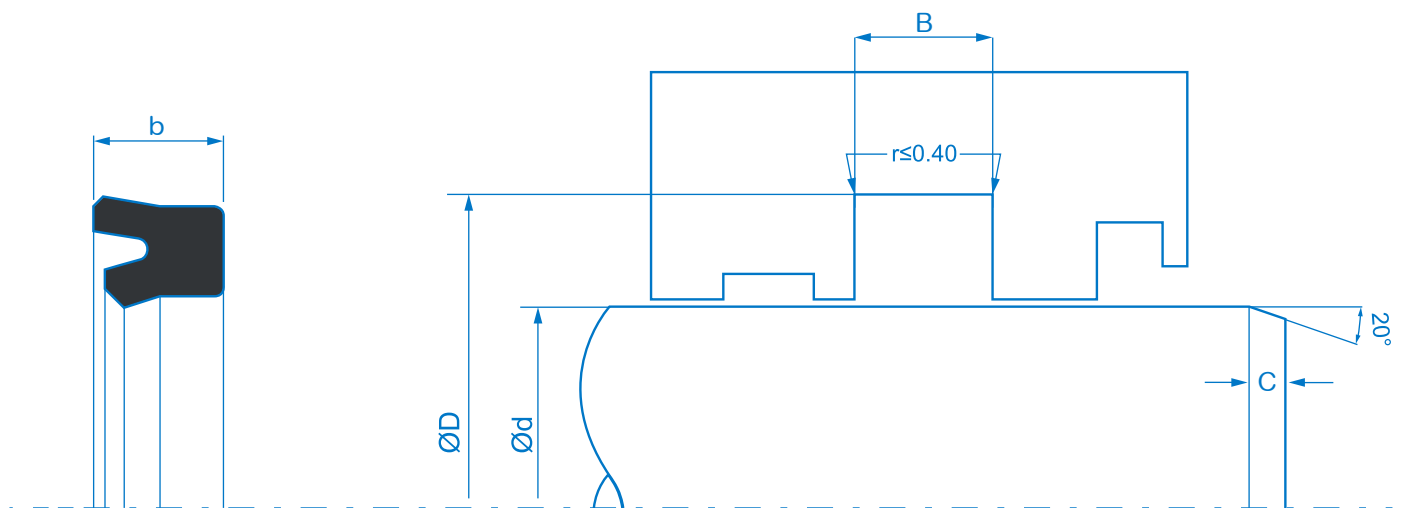
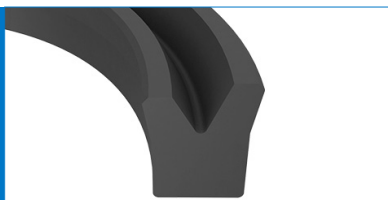


NO.	Ød	ØD	b	B	C
U-16*24*5 UIR	16	24	5	6	4
U-16*24*5.5 UIR	16	24	5.5	6.5	4
U-16*26*7 UIR	16	26	7	8	4.5
U-16*23*5.5 UIR	16	23	5.5	6.5	3.5
U-16*22.5*4.5 UIR	16	22.5	4.5	5	3
U-16*22*5 UIR	16	22	5	6	3
U-16*20.6*3.3 UIR	16	20.6	3.3	3.8	3
U-17.46*23.81*4.76 UIR	17.46	23.81	4.76	5.26	3
U-18*24*5 UIR	18	24	5	6	3
U-18*25*5 UIR	18	25	5	6	3.5
U-18*25*5.5 UIR	18	25	5.5	6.5	3.5
U-18*26*4.5 UIR	18	26	4.5	5	4
U-18*28*8.2 UIR	18	28	8.2	9.2	4.5
U-18*25*4.5 UIR	18	25	4.5	5	3.5
U-18*26*5.5 UIR	18	26	5.5	6.5	4
U-19.05*25.4*4.76 UIR	19.05	25.4	4.76	5.76	3
U-20*30*6 UIR	20	30	6	7	4.5
U-20*28*5.5 UIR	20	28	5.5	6.5	4
U-20*30*8 UIR	20	30	8	9	4.5
U-20*30*7 UIR	20	30	7	8	4.5
U-22*30*7 UIR	22	30	7	8	4
U-22*30*8 UIR	22	30	8	9	4
U-22*32*6 UIR	22	32	6	7	4.5
U-22*30*5.7 UIR	22	30	5.7	6.7	4
U-22.4*30*4.5 UIR	22.4	30	4.5	5	4
U-22*29*5 UIR	22	29	5	6	3.5
U-23.81*36.51*6.35 UIR	23.81	36.51	6.35	7.35	5

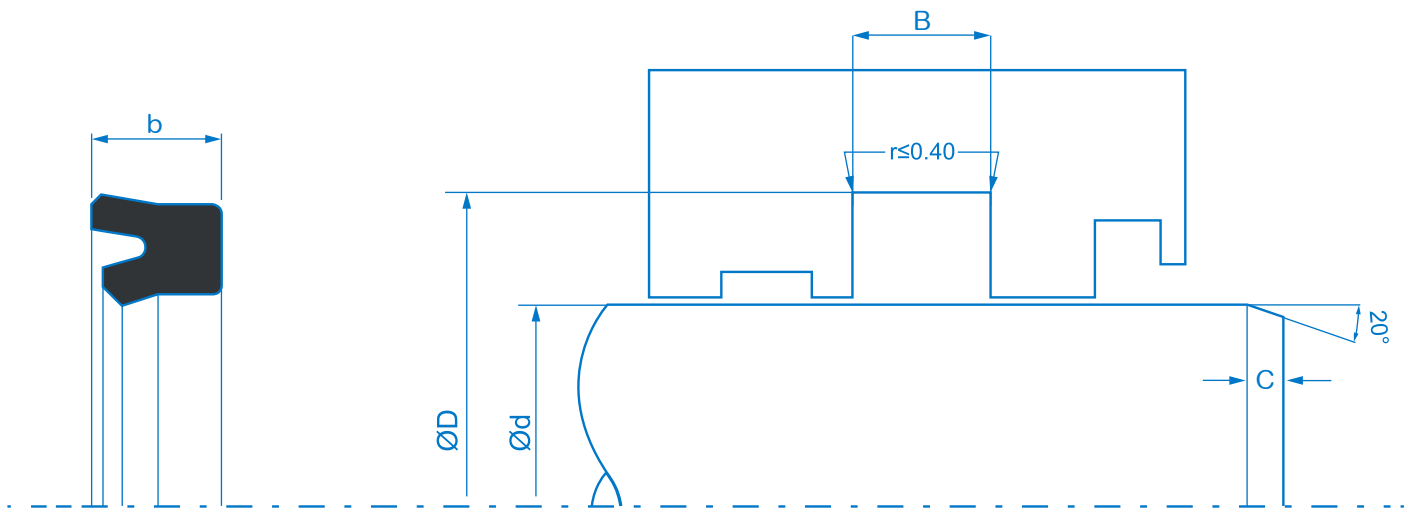


NO.	Ød	ØD	b	B	C
U-24*34*8.5 UIR	24	34	8.5	9.5	4.5
U-24*32*5.5 UIR	24	32	5.5	6.5	4
U-25*35*6 UIR	25	35	6	7	4.5
U-25*35*8 UIR	25	35	8	9	4.5
U-25*33*5.5 UIR	25	33	5.5	6.5	4
U-25*32*6 UIR	25	32	6	7	3.5
U-25*32*5.5 UIR	25	32	5.5	6.5	3.5
U-25*37*6 UIR	25	37	6	7	5
U-25*32*7 UIR	25	32	7	8	3.5
U-25*33*10 UIR	25	33	10	11	4
U-25*35*7 UIR	25	35	7	8	4.5
U-25.4*38.1*6.35 UIR	25.4	38.1	6.35	7.35	5
U-26.99*36.51*6.35 UIR	26.99	36.51	6.35	7.35	4.5
U-28*38*6 UIR	28	38	6	7	4.5
U-28*38*7 UIR	28	38	7	8	4.5
U-28*38*8 UIR	28	38	8	9	4.5
U-28*36*5.7 UIR	28	36	5.7	6.7	4
U-28*36*5.5 UIR	28	36	5.5	6.5	4
U-28*36*8 UIR	28	36	8	9	4
U-28*35.5*5 UIR	28	35.5	5	6	4
U-30*40*8 UIR	30	40	8	9	4.5
U-30*42*8.5 UIR	30	42	8.5	9.5	5
U-30*40*7 UIR	30	40	7	8	4.5
U-30*38*5.7 UIR	30	38	5.7	6.7	4
U-30*38*8 UIR	30	38	8	9	4
U-30*38*6.3 UIR	30	38	6.3	7.3	4
U-30.16*38.1*6.35 UIR	30.16	38.1	6.35	7.35	4

UIR

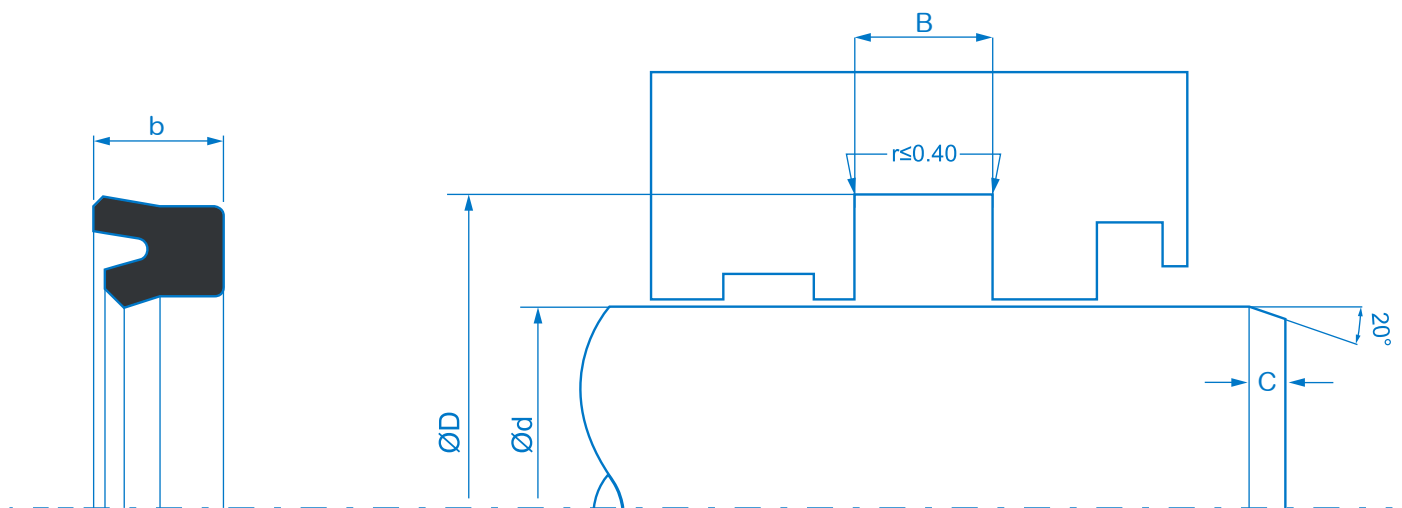
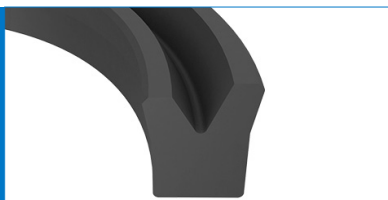


NO.	$\varnothing d$	$\varnothing D$	b	B	C
U-32*42*7 UIR	32	42	7	8	4.5
U-32*40*5.7 UIR	32	40	5.7	6.7	4
U-32*40*8 UIR	32	40	8	9	4
U-32*48*8 UIR	32	48	8	9	5.5
U-34*44*7 UIR	34	44	7	8	4.5
U-35*45*8 UIR	35	45	8	9	4.5
U-35*45*7 UIR	35	45	7	8	4.5
U-35*45*10 UIR	35	45	10	11	4.5
U-35*43*8 UIR	35	43	8	9	4
U-35*43*6 UIR	35	43	6	7	4
U-35.5*45.2*6 UIR	35.5	45.2	6	7	4.5
U-35.5*40.5*3.5 UIR	35.5	40.5	3.5	4	2
U-36*46*8 UIR	36	46	8	9	4.5
U-36*46*10 UIR	36	46	10	11	4.5
U-36*44*5.7 UIR	36	44	5.7	6.7	4
U-36*44*5.5 UIR	36	44	5.5	6.5	4
U-36*46*7 UIR	36	46	7	8	4.5
U-36*44*6 UIR	36	44	6	7	4
U-37*47*8 UIR	37	47	8	9	4.5
U-38.1*50.8*9.52 UIR	38.1	50.8	9.52	10.52	5
U-40*50*10 UIR	40	50	10	11	4.5
U-40*50*8 UIR	40	50	8	9	4.5
U-40*48*8 UIR	40	48	8	9	4
U-40*50*7 UIR	40	50	7	8	4.5
U-40*48*5.4 UIR	40	48	5.4	6.4	4
U-40*48*5.8 UIR	40	48	5.8	6.8	4
U-41.27*50.8*5.56 UIR	41.27	50.8	5.56	6.56	4.5

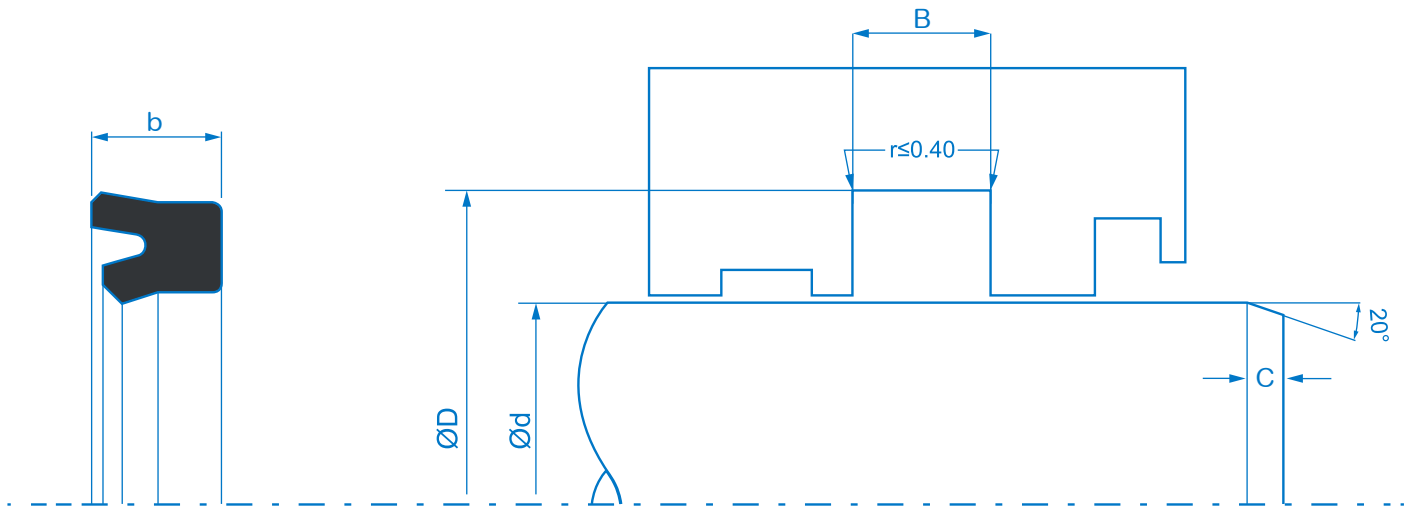


NO.	Ød	ØD	b	B	C
U-45*55*10 UIR	45	55	10	11	4.5
U-45*55*7 UIR	45	55	7	8	4.5
U-45*60*9 UIR	45	60	9	10	5.5
U-45*60*7 UIR	45	60	7	8	5.5
U-45*55*7.3 UIR	45	55	7.3	8.3	4.5
U-45*55*6 UIR	45	55	6	7	4.5
U-45*61*12 UIR	45	61	12	13	5.5
U-45*62*8 UIR	45	62	8	9	5.5
U-50*60*10 UIR	50	60	10	11	4.5
U-50*65*10 UIR	50	65	10	11	5.5
U-50*60*7 UIR	50	60	7	8	4.5
U-50*62*8 UIR	50	62	8	9	5
U-50*60*7.5 UIR	50	60	7.5	8.5	4.5
U-55*65*10 UIR	55	65	10	11	4.5
U-55*65*7.3 UIR	55	65	7.3	8.3	4.5
U-56*68*8.5 UIR	56	68	8.5	9.5	5
U-60*70*10 UIR	60	70	10	11	4.5
U-60*70*12 UIR	60	70	12	13	4.5
U-60*75*12 UIR	60	75	12	13	5.5
U-60*70*11 UIR	60	70	11	12	4.5
U-60*74*8 UIR	60	74	8	9	5
U-60*72*8.5 UIR	60	72	8.5	9.5	5
U-60*80*12 UIR	60	80	12	13	6
U-63*75*8.5 UIR	63	75	8.5	9.5	5
U-63*73*6.5 UIR	63	73	6.5	7.5	4.5
U-63.5*76.2*9.52 UIR	63.5	76.2	9.52	10.52	5
U-63*78.1*5.8 UIR	63	78.1	5.8	6.8	5.5

UIR



NO.	Ød	ØD	b	B	C
U-63*83*12 UIR	63	83	12	13	6
U-65*75*10 UIR	65	75	10	11	4.5
U-70*80*12 UIR	70	80	12	13	4.5
U-70*85*10 UIR	70	85	10	11	5.5
U-70*85*12 UIR	70	85	12	13	5.5
U-70*82*8.5 UIR	70	82	8.5	9.5	5
U-75*85*12 UIR	75	85	12	13	4.5
U-75*85*7.2 UIR	75	85	7.2	8.2	4.5
U-78*88*8 UIR	78	88	8	9	4.5
U-80*90*12 UIR	80	90	12	13	4.5
U-80*92*8.5 UIR	80	92	8.5	9.5	5
U-80*92*9.5 UIR	80	92	9.5	10.5	5
U-85*95*12 UIR	85	95	12	13	4.5
U-85*95*7 UIR	85	95	7	8	4.5
U-85*100*9 UIR	85	100	9	10	5.5
U-90*100*12 UIR	90	100	12	13	4.5
U-90*102*8.5 UIR	90	102	8.5	9.5	5
U-90*105*12 UIR	90	105	12	13	5.5
U-90*105*11.5 UIR	90	105	11.5	12.5	5.5
U-95*105*12 UIR	95	105	12	13	4.5
U-95*115*13 UIR	95	115	13	14	6
U-100*110*14 UIR	100	110	14	15	4.5
U-100*115*12 UIR	100	115	12	13	5.5
U-100*115*10 UIR	100	115	10	11	5.5
U-105*120*12 UIR	105	120	12	13	5.5
U-105*120*10 UIR	105	120	10	11	5.5
U-110*130*14 UIR	110	130	14	15	6



NO.	Ød	ØD	b	B	C
U-120*140*14.6 UIR	120	140	14.6	15.6	6
U-120*135*9.5 UIR	120	135	9.5	10.5	5.5
U-125*145*12 UIR	125	145	12	13	6
U-135*145*12 UIR	135	145	12	13	4.5
U-140*160*14 UIR	140	160	14	15	6
U-150*160*13.5 UIR	150	160	13.5	14.5	4.5
U-150*170*15 UIR	150	170	15	16	6
U-155*165*12 UIR	155	165	12	13	4.5
U-160*170*12 UIR	160	170	12	13	4.5
U-180*200*11.5 UIR	180	200	11.5	12.5	6
U-190*210*15 UIR	190	210	15	16	6
U-220*240*15 UIR	220	240	15	16	6
U-240*260*15 UIR	240	260	15	16	6