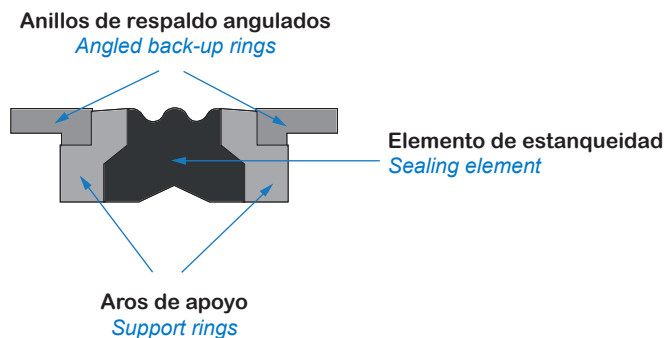
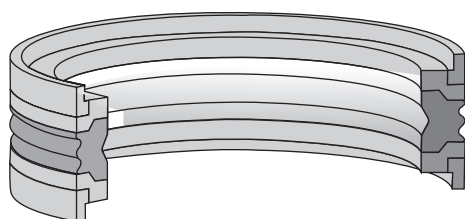


JP5



La JP5 es una junta de pistón compacta de doble efecto formada por cinco piezas. Un anillo central de estanqueidad en elastómero NBR, dos anillos de apoyo que evitan la extrusión a ambos lados y dos anillos guía de diseño partido que absorben las fuerzas transversales. Este conjunto reúne la estanqueidad y el guiado del pistón en un solo alojamiento, con baja fricción y un comportamiento estático y dinámico estable.

The JP5 is a double-acting compact piston seal made up of five parts. A central NBR elastomer sealing ring, two back-up rings on both sides that prevent extrusion and two split guide rings that absorb transverse forces. This assembly brings sealing and piston guidance together in a single groove, with low friction and stable static and dynamic behaviour.



-30°C
105°C



40MPa



< 0.5m/s



10mm
500mm

- Doble efecto, sella en ambos sentidos de la carrera del pistón.
- Gran efecto estanqueizante con baja fricción.
- Estanqueidad y guiado del pistón integrados en un mismo alojamiento.
- Anillos de apoyo que evitan la extrusión a alta presión.
- Anillos guía partidos que absorben las fuerzas transversales.
- Alojamiento de diseño sencillo, montaje en pistón de una sola pieza.
- Solución económica y de larga vida útil.



- Double-acting, seals in both directions of the piston stroke.
- High sealing performance with low friction.
- Sealing and piston guidance integrated in the same groove.
- Back-up rings that prevent extrusion at high pressure.
- Split guide rings that absorb transverse forces.
- Simple groove design, installation on one-piece pistons.
- Cost-effective solution with a long service life.

Disponible en NBR y POM. El anillo central de estanqueidad se fabrica en NBR de 80 Shore A y los anillos de apoyo y de guía en POM, un termoplástico de alta resistencia mecánica y bajo coeficiente de rozamiento. Esta combinación resiste los aceites minerales según DIN 51524 y los fluidos ignífugos HFA, HFB y HFC, y mantiene la estabilidad dimensional del conjunto frente a la presión y a las cargas laterales.



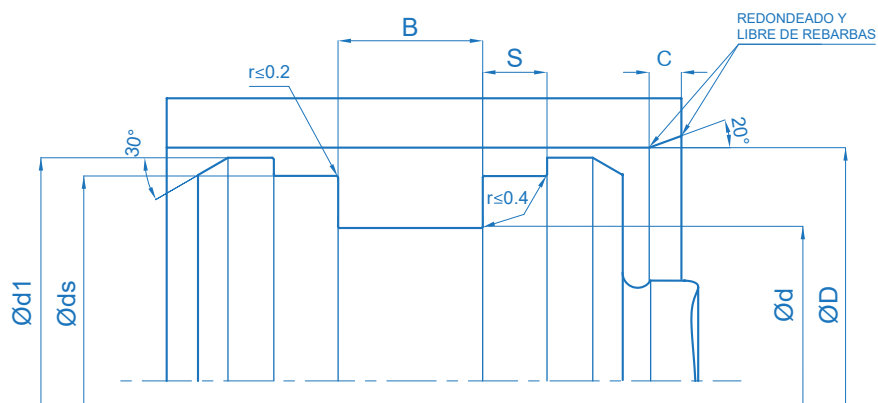
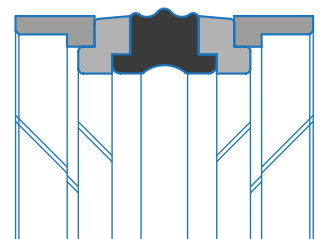
Available in NBR and POM. The central sealing ring is made of 80 Shore A NBR and the back-up and guide rings of POM, a thermoplastic with high mechanical strength and a low friction coefficient. This combination withstands mineral oils to DIN 51524 and HFA, HFB and HFC fire-resistant fluids, and keeps the dimensional stability of the assembly under pressure and side loads.

El montaje se realiza en un alojamiento cerrado de pistón de una sola pieza, facilitado por los anillos de apoyo y de guía de diseño partido. 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.



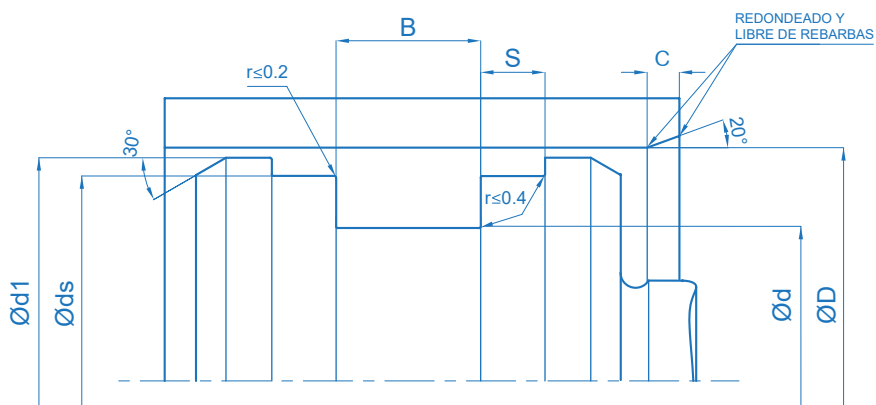
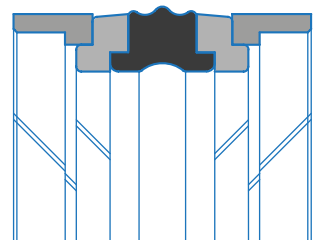
Installation is carried out in a closed groove on a one-piece piston, made easier by the split-design back-up and guide rings. Chamfer the groove edges and clean the groove before fitting. Use soft tooling without sharp edges and do not drag the seal over sharp edges or threads. Lubricate the seal with the system oil before installation.

JP5



NO.	Ød	ØD	B	C	Ød1	Øds	S
JP-20*11*13.5 JP5	11	20	13.5	4	19	17	2.1
JP-25*15*16.4 JP5	15	25	16.4	4	23.5	21.45	6.35
JP-25*15*12.5 JP5	15	25	12.5	4	24	22	4
JP-25*16*13.5 JP5	16	25	13.5	4	24	22	2.1
JP-25*17*10 JP5	17	25	10	4	24	22	4
JP-25*17*13.5 JP5	17	25	13.5	4	24.4	21	3.2
JP-30*17*15.4 JP5	17	30	15.4	4	28.5	26.5	6.35
JP-30*21*13.5 JP5	21	30	13.5	4	29	27	2.1
JP-30*22*13.5 JP5	22	30	13.5	4	29.4	26	3.2
JP-32*22*16.4 JP5	22	32	16.4	4	30.5	28.5	6.35
JP-32*22*15.5 JP5	22	32	15.5	4	31	28	2.6
JP-32*22*12.5 JP5	22	32	12.5	4	31	29	4
JP-32*24*15.5 JP5	24	32	15.5	4	31	28	3.1
JP-32*24*10 JP5	24	32	10	4	31	29	4
JP-35*25*16.4 JP5	25	35	16.4	4	33.5	31.4	6.35
JP-38.1*25.4*15.87 JP5	25.4	38.1	15.87	4	37.08	34.54	6.35
JP-38.1*28.57*11.1 JP5	28.57	38.1	11.1	5	36.8	33.63	3.81
JP-40*24*18.4 JP5	24	40	18.4	5	38.5	35.4	6.35
JP-40*26*15.5 JP5	26	40	15.5	4.5	39	36	2.6
JP-40*30*16.4 JP5	30	40	16.4	4	38.5	35.4	6.35
JP-40*30*12.5 JP5	30	40	12.5	4	39	37	4
JP-40*30*12.3 JP5	30	40	12.3	4	39	36	4
JP-40*30*12.5/1 JP5	30	40	12.5	4	39	36	4
JP-40*32*15.5 JP5	32	40	15.5	4	39.4	36	3.2
JP-40*32*10 JP5	32	40	10	4	39	37	4
JP-44.45*28.57*19.05 JP5	28.57	44.45	19.05	5	43.12	39.85	6.35

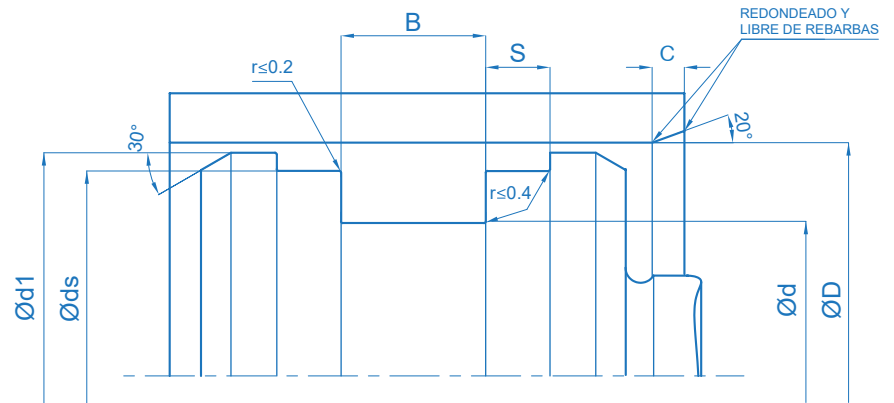
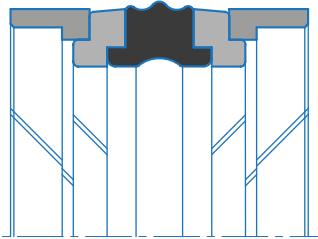
JP5



NO.	Ød	ØD	b	B	C		
JP-45*29*18.4 JP5	29	45	18.4	5	43.5	40.4	6.35
JP-45*31*15.5 JP5	31	45	15.5	4.5	44	41	2.6
JP-45*35*16.4 JP5	35	45	16.4	4	43.5	40.4	6.35
JP-45*37*15.5 JP5	37	45	15.5	4	44.4	41	3.2
JP-50.8*34.92*19.05 JP5	34.92	50.8	19.05	5	49.48	46.23	6.35
JP-50.8*41.27*11.1 JP5	41.27	50.8	11.1	4	49.19	46.27	3.81
JP-50*34*20.5 JP5	34	50	20.5	5	49	46	3.1
JP-50*34*18.4 JP5	34	50	18.4	5	48.66	45.41	6.35
JP-50*35*20 JP5	35	50	20	5	48.5	46	5
JP-50*38*20.5 JP5	38	50	20.5	4	49.4	46	4.2
JP-50*40*12.5 JP5	40	50	12.5	4	49	47	4
JP-55*39*12.5 JP5	39	55	12.5	5	54	51	3.1
JP-55*39*18.4 JP5	39	55	18.4	5	53.65	50.37	6.35
JP-55*45*11 JP5	45	55	11	4	54	50.5	4
JP-55*45*12.5 JP5	45	55	12.5	4	54	52	4
JP-56*40*20.5 JP5	40	56	20.5	5	55	52	3.1
JP-57.15*41.27*19.45 JP5	41.27	57.15	19.45	5	55.8	52.55	6.35
JP-60.32*44.45*19.05 JP5	44.45	60.32	19.05	5	58.98	55.72	6.35
JP-60*44*20.5 JP5	44	60	20.5	5	59	56	3.1
JP-60*44*18.4 JP5	44	60	18.4	5	58.65	55.39	6.35
JP-60*48*20.5 JP5	48	60	20.5	4	59.4	56	4.2
JP-63.5*47.6*25.4 JP5	47.6	63.5	25.4	5	62.2	58.63	6.35
JP-63.5*47.62*19.05 JP5	47.62	63.5	19.05	5	62.12	58.9	6.35
JP-63.5*53.97*11.1 JP5	53.97	63.5	11.1	4	62.12	59.12	3.81
JP-63*47*20.5 JP5	47	63	20.5	5	62	59	3.1
JP-63*47*18.4 JP5	47	63	18.4	5	61.63	58.39	6.35

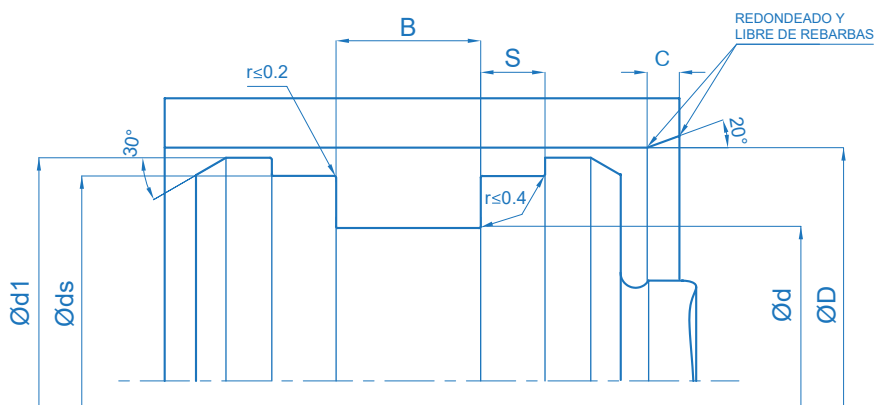
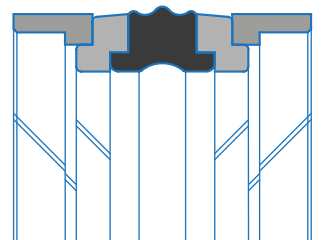


JP5



NO.	Ød	ØD	b	B	C		
JP-63*47*19.4 JP5	47	63	19.4	5	61.5	58.39	6.35
JP-63*48*20 JP5	48	63	20	5	61.5	59	5
JP-63*51*20.5 JP5	51	63	20.5	4	62.4	59	4.2
JP-63*53*12.5 JP5	53	63	12.5	4	62	60	4
JP-65*49*20.5 JP5	49	65	20.5	5	64	61	3.1
JP-65*50*18.4 JP5	50	65	18.4	5	63.64	60.41	6.35
JP-66.67*50.8*19.05 JP5	50.8	66.67	19.05	5	65.27	62.1	6.35
JP-70*50*22.4 JP5	50	70	22.4	6	68.34	64.18	6.35
JP-70*54*20.5 JP5	54	70	20.5	5	69	66	3.1
JP-70*55*20 JP5	55	70	20	5	68.5	66	5
JP-70*58*20.5 JP5	58	70	20.5	4	69.4	66	4.2
JP-75*55*22.4 JP5	55	75	22.4	6	73.3	69.2	6.35
JP-75*59*20.5 JP5	59	75	20.5	5	74	71	3.1
JP-76.2*57.15*23.8 JP5	57.15	76.2	23.8	5	74.5	70.38	6.35
JP-76.2*57.15*31.75 JP5	57.15	76.2	31.75	5	74.5	69.55	6.35
JP-76.2*66.67*11.1 JP5	66.67	76.2	11.1	5	74.6	71.62	3.81
JP-80*60*22.4 JP5	60	80	22.4	6	78.3	74.15	6.35
JP-80*60*25 JP5	60	80	25	6	78	75	6.35
JP-80*62*22.5 JP5	62	80	22.5	5	79	76	3.6
JP-80*65*20 JP5	65	80	20	5	78.5	76	5
JP-80*66*22.4 JP5	66	80	22.4	4.5	79.4	76	5.2
JP-82.55*63.5*23.8 JP5	63.5	82.55	23.8	5	80.9	76.73	6.35
JP-85*65*22.4 JP5	65	85	22.4	6	83.3	79.15	6.35
JP-85*65*21.4 JP5	65	85	21.4	6	83.3	79.15	6.35
JP-88.9*69.85*30.15 JP5	69.85	88.9	30.15	5	87.29	82.16	6.35
JP-88.9*69.85*23.81 JP5	69.85	88.9	23.81	5	87.22	83.08	6.35

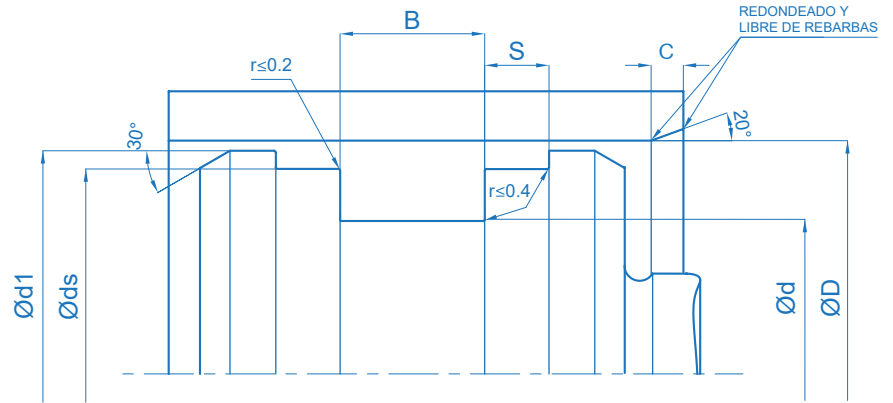
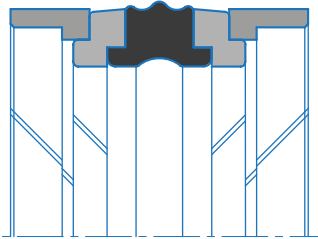
JP5



NO.	Ød	ØD	b	B	C		
JP-88.9*69.85*24.81 JP5	69.85	88.9	24.81	6.35	87.22	83.08	6.35
JP-90*70*22.4 JP5	70	90	22.4	6	88.3	84.15	6.35
JP-90*72*22.5 JP5	72	90	22.5	5	89	86	3.2
JP-90*72*22.5/1 JP5	72	90	22.5	5	89	86	3.6
JP-90*75*20 JP5	75	90	20	5	88.5	86	5
JP-90*76*22.4 JP5	76	90	22.4	4.5	89.4	86	5.2
JP-95*75*22.4 JP5	75	95	22.4	6	93.31	89.15	6.35
JP-95*81*22.4 JP5	81	95	22.4	4.5	94.4	91	5.2
JP-100*75*22.4 JP5	75	100	22.4	6	98	93.13	6.35
JP-100*80*25.4 JP5	80	100	25.4	6	98	95	6.35
JP-100*80*25 JP5	80	100	25	6	98	95	6.35
JP-100*80*35 JP5	80	100	35	6	97.51	92.61	9.52
JP-100*82*22.5 JP5	82	100	22.5	5	99	96	3.6
JP-100*85*20 JP5	85	100	20	5	98.5	96	5
JP-100*86*22.4 JP5	86	100	22.4	4.5	99.4	96	5.2
JP-101.6*82.55*23.81 JP5	82.55	101.6	23.81	5	100.07	95.76	6.35
JP-105*80*22.4 JP5	80	105	22.4	6	103	98.1	6.5
JP-110*85*22.4 JP5	85	110	22.4	6	108	103.1	6.35
JP-110*85*25.4 JP5	85	110	25.4	6	108	103.1	6.35
JP-110*90*35 JP5	90	110	35	6	107.51	102.6	9.52
JP-110*90*25.3 JP5	90	110	25.3	6	108.3	102.6	9.52
JP-110*90*25.4 JP5	90	110	25.4	6	108.3	104.1	6.35
JP-110*92*22.5 JP5	92	110	22.5	5	109	106	3.6
JP-110*95*20 JP5	95	110	20	5	108	105	5
JP-110*96*22.4 JP5	96	110	22.4	4.5	109.4	106	5.2
JP-114.3*88.9*31.75 JP5	88.9	114.3	31.75	6	112.33	107.42	6.35

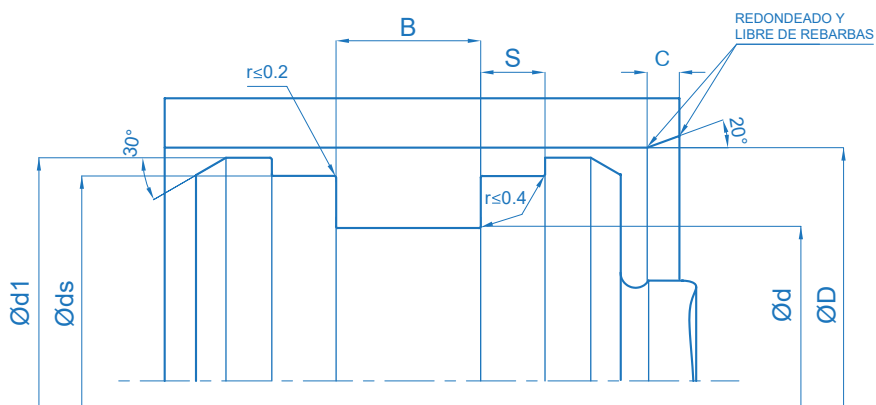
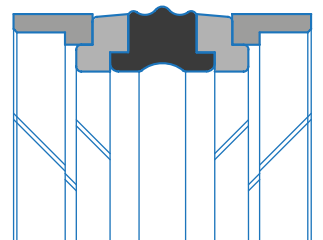


JP5



NO.	Ød	ØD	b	B	C		
JP-115*90*22.4 JP5	90	115	22.4	6	113.02	108.1	6.35
JP-115*97*22.4 JP5	97	115	22.4	5	114	111	4.2
JP-115*97*22.5 JP5	97	115	22.5	5	114	111	3.6
JP-115*101*22.4 JP5	101	115	22.4	4.5	114.4	111	5.2
JP-120*95*22.4 JP5	95	120	22.4	6	118	113.1	6.35
JP-120*100*35 JP5	100	120	35	6	117.5	112.8	9.5
JP-120*106*22.4 JP5	106	120	22.4	4.5	119.4	116	5.2
JP-125*100*25.4 JP5	100	125	25.4	6	123	118.1	6.35
JP-125*100*45 JP5	100	125	45	6	122.33	116.82	12.7
JP-125*103*26.5 JP5	103	125	26.5	6	124	121	5.1
JP-125*105*25.4 JP5	105	125	25.4	6	123	120	6.35
JP-125*105*25 JP5	105	125	25	6	123	119.1	6.35
JP-125*108*26.5 JP5	108	125	26.5	5	124.4	121	7.2
JP-127*101.6*31.75 JP5	101.6	127	31.75	6	124.98	120.09	9.52
JP-127*101.6*32.15 JP5	101.6	127	32.15	6	124.98	120.09	9.52
JP-127*101.6*32.15/1 JP5	101.6	127	32.15	6	124.98	120.09	6.35
JP-130*105*25.4 JP5	105	130	25.4	6	128	123.1	6.35
JP-130*105*25.4/1 JP5	105	130	25.4	6	128	123.1	9.52
JP-130*105*25.4/2 JP5	105	130	25.4	6	127.5	122.6	9.52
JP-135*110*25.4 JP5	110	135	25.4	6	132.5	127.6	9.52
JP-135*110*25.4/1 JP5	110	135	25.4	6	133	128.1	6.35
JP-139.7*114.3*31.75 JP5	114.3	139.7	31.75	6	137.2	132.4	6.35
JP-139.7*114.3*31.75/1 JP5	114.3	139.7	31.75	6	137.2	132.4	9.52
JP-140*115*25.4 JP5	115	140	25.4	6	137.5	132.6	6.35
JP-140*115*25.4/1 JP5	115	140	25.4	6	137.5	132.6	9.52
JP-140*115*25.4/2 JP5	115	140	25.4	6	138	133	6.35

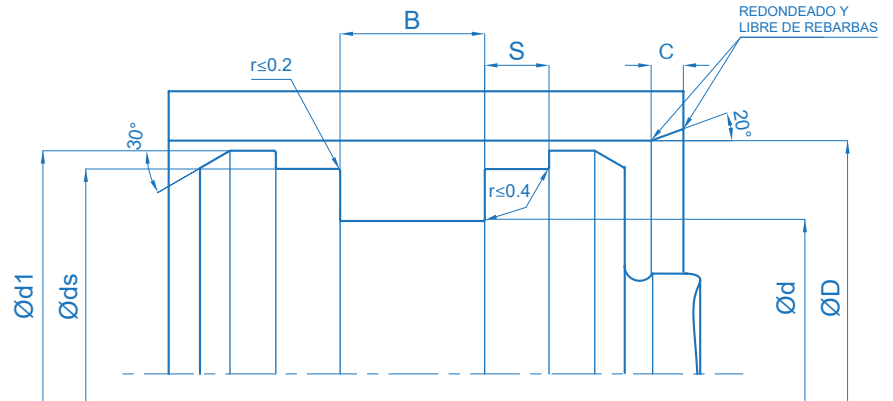
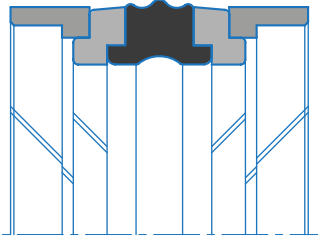
JP5



NO.	Ød	ØD	b	B	C		
JP-140*118*26.5 JP5	118	140	26.5	6	139	136	5.1
JP-140*120*25 JP5	120	140	25	6	138	135	6.35
JP-140*123*26.5 JP5	123	140	26.5	5	139.4	136	7.2
JP-145*120*25.4 JP5	120	145	25.4	6	142.5	137.6	9.52
JP-150*125*25.4 JP5	125	150	25.4	6	147.5	142.6	9.5
JP-150*125*25.4/1 JP5	125	150	25.4	6	148	143	6.35
JP-150*128*26.5 JP5	128	150	26.5	6	149	146	5.1
JP-150*130*25.4 JP5	130	150	25.4	6	148.3	144.1	6.35
JP-150*133*26.5 JP5	133	150	26.5	5	150	146	7.2
JP-152.4*127*31.75 JP5	127	152.4	31.75	6	149.91	145	9.52
JP-152.4*127*31.75/1 JP5	127	152.4	31.75	6	149.91	145	6.35
JP-152.4*127*32.15 JP5	127	152.4	32.15	6	150.38	145.44	6.35
JP-155*130*25.4 JP5	130	155	25.4	6	152.5	147.6	9.52
JP-160*130*25.4 JP5	130	160	25.4	6	157.5	153	6.35
JP-160*130*25.4/1 JP5	130	160	25.4	6	157.5	152.6	9.52
JP-160*135*25.4 JP5	135	160	25.4	6	157.5	152.6	9.52
JP-160*135*45 JP5	135	160	45	6	157.1	151.72	12.7
JP-160*135*32 JP5	135	160	32	6	158	154	10
JP-160*138*26.5 JP5	138	160	26.5	6	159	156	5.1
JP-160*140*25 JP5	140	160	25	6	158	155	6.35
JP-160*143*26.5 JP5	143	160	26.5	5	159.4	156	7.2
JP-165.1*139.7*31.75 JP5	139.7	165.1	31.75	6	162.6	157.82	6.35
JP-165*140*25.4 JP5	140	165	25.4	6	162.5	157.6	9.52
JP-165*143*26.5 JP5	143	165	26.5	6	163.5	161	5.25
JP-170*140*25.4 JP5	140	170	25.4	6	168	163	6.4
JP-170*145*25.4 JP5	145	170	25.4	6	167.1	161.72	12.7

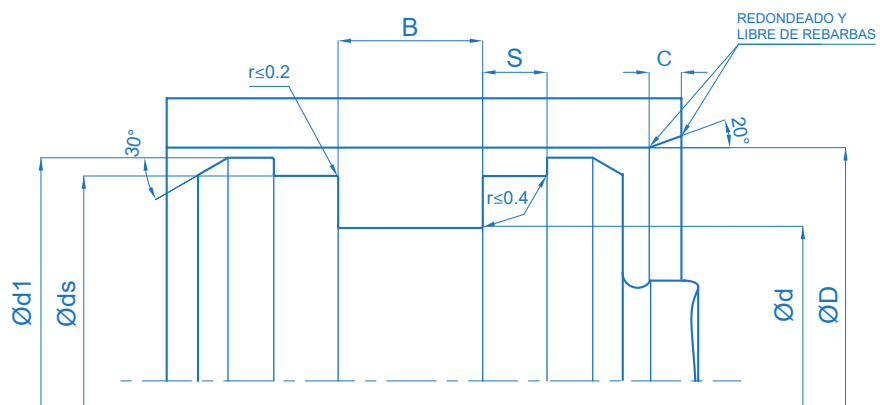
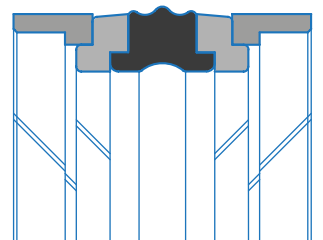


JP5



NO.	Ød	ØD	b	B	C		
JP-170*148*26.5 JP5	148	170	26.5	6	169	166	5.1
JP-175*150*25.4 JP5	150	175	25.4	6	173	166.72	12.7
JP-177.8*152.4*31.75 JP5	152.4	177.8	31.75	6	175.52	170.51	9.52
JP-180*150*35.4 JP5	150	180	35.4	6	177.87	172.95	6.35
JP-180*155*25.4 JP5	155	180	25.4	6	177.1	171.72	12.7
JP-180*158*26.5 JP5	158	180	26.5	6	179	176	5.1
JP-180*163*26.5 JP5	163	180	26.5	5	179.4	176	7.2
JP-185*160*25.4 JP5	160	185	25.4	6	182.1	176.72	12.7
JP-190*165*25.4 JP5	165	190	25.4	6	187.05	181.72	12.7
JP-195*170*25.4 JP5	170	195	25.4	6	192.05	187.1	12.7
JP-200*170*35.4 JP5	170	200	35.4	6	198	193	6.35
JP-200*175*31.5 JP5	175	200	31.5	6	199	196	6.6
JP-200*175*25.4 JP5	175	200	25.4	6	197	191.62	12.7
JP-200*180*31.5 JP5	180	200	31.5	6	199.4	196	9.2
JP-203.2*171.45*38.1 JP5	171.45	203.2	38.1	6	201.17	195.09	8
JP-203.2*177.8*31.75 JP5	177.8	203.2	31.75	6	201.18	196.16	9.52
JP-210*185*25.4 JP5	185	210	25.4	6	207	201.62	12.7
JP-220*190*35.4 JP5	190	220	35.4	6	217.9	212.7	6.35
JP-220*195*25.4 JP5	195	220	25.4	6	217	211.62	12.7
JP-220*200*31.5 JP5	200	220	31.5	6	219.4	216	9.2
JP-222.25*197.25*25.4 JP5	197.25	222.25	25.4	6	219.25	213.87	12.7
JP-225*200*31.5 JP5	200	225	31.5	6	224	221	6.6
JP-230*205*25.4 JP5	205	230	25.4	6	227	221.62	12.7
JP-240*215*25.4 JP5	215	240	25.4	6	237	231.62	12.7
JP-250*220*35.4 JP5	220	250	35.4	6	247.85	242.9	6.35
JP-250*220*36 JP5	220	250	36	6	247	242	12.5

JP5



NO.	Ød	ØD	b	B	C		
JP-250*225*25.4 JP5	225	250	25.4	6	247	241.62	12.7
JP-250*230*31.5 JP5	230	250	31.5	6	249.4	246	9.2
JP-270*245*25.4 JP5	245	270	25.4	6	267	261.62	12.7
JP-280*250*36.4 JP5	250	280	36.4	6	278	273	10
JP-280*250*35.4 JP5	250	280	35.4	6	277.85	272.9	9.52
JP-300*275*31.5 JP5	275	300	31.5	6	298	296	6.6
JP-320*290*36 JP5	290	320	36	6	317	312	12.5