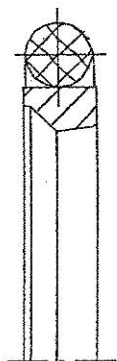


SEAL SET 0361



Seal set 0361 consists of an O-ring and a profiled ring. The profiled ring is manufactured from PTFE materials and it is bronze alloyed, and the O-ring is manufactured from NBR based elastomers with hardness of 70 Sh A. The O-ring provides the initial pressure onto the profiled ring, and the profiled ring provides sealing of the piston rod.

The profiled ring has good sliding properties, low friction coefficient and provides good sealing performance.

The operating conditions for the seal set applications are given in the table below.

CONDITIONS FOR APPLICATIONS OF SEAL SET 0361

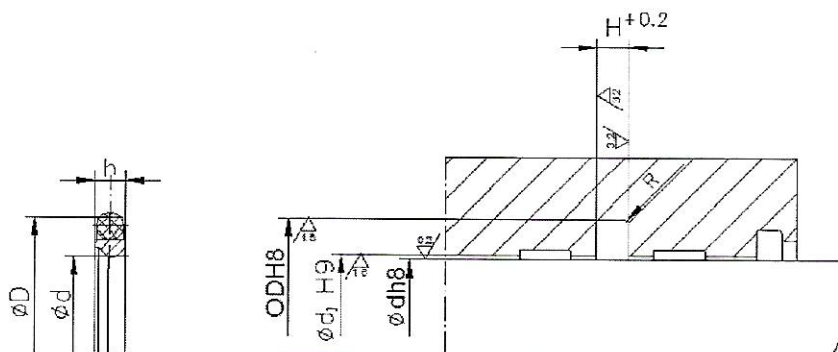
Permissible pressure	40MPa
Temperature range	-30°C up to +100°C
Working medium	Hydraulic oil, type H,HL and HLP, emulsion:oil-water type HFA, emulsion:oil-water, type HFB.
Permissible linear velocity	5 m/s

Order example: Seal set 0361 for a cylinder with a D nominal diameter

Seal set: 0361-D-ident code;

Seal set: 0361-63-1343867

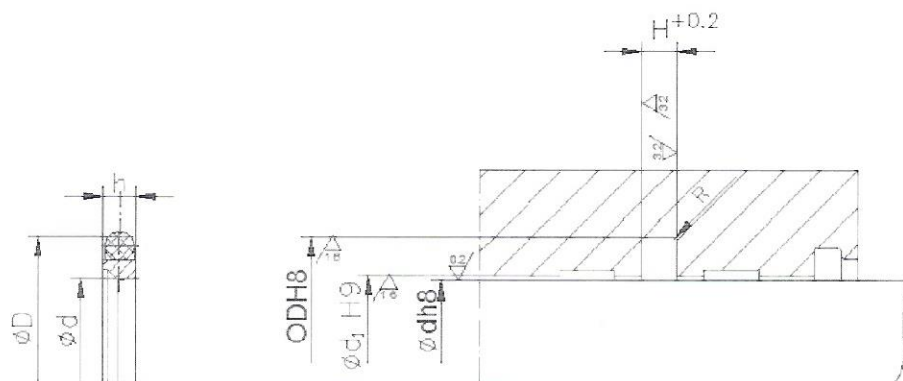
SEAL SET 0361- Installation point



Nominal size $\varnothing D$	$\varnothing D$	$\varnothing d$	$\varnothing d1$	$H+0.2$	R	Ident code
4	4	8.9	9.1	2.2	0.3	7500718
5	5	9.9	10.2	2.2	0.3	7500726
6	6	10.9	11.2	2.2	0.3	1916761
7	7	11.9	12.2	2.2	0.3	7500734
8	8	12.9	13.2	2.2	0.3	7500817
8	8	15.3	15.6	3.2	0.3	7500551
10	10	14.9	15.2	2.2	0.3	7500825
10	10	17.3	17.6	3.2	0.3	7500569
12	12	16.9	15.2	2.2	0.3	7500833
12	12	19.3	19.6	3.2	0.3	7500577
14	14	18.3	18.6	2.2	0.3	7500841
14	14	21.3	21.6	3.2	0.3	7500585
15	15	19.9	20.2	2.2	0.3	7500858
15	15	22.3	22.6	3.2	0.3	7500593
16	16	20.9	21.2	2.2	0.3	7500866
16	16	23.3	23.6	3.2	0.3	7500601
18	18	22.9	23.1	2.2	0.3	7500874
18	18	25.3	25.6	3.2	0.3	1708507
20	20	27.3	27.6	3.2	0.3	1343339
20	20	30.7	31.1	4.2	0.5	7500619
22	22	29.3	29.6	3.2	0.3	2221278
22	22	32.7	33.1	4.2	0.5	7500627
25	25	32.3	32.6	3.2	0.3	1349484
25	25	35.7	36.1	4.2	0.5	7500635
28	28	35.3	35.6	3.2	0.3	1343552

Order example: Seal set 0361-15-7500858

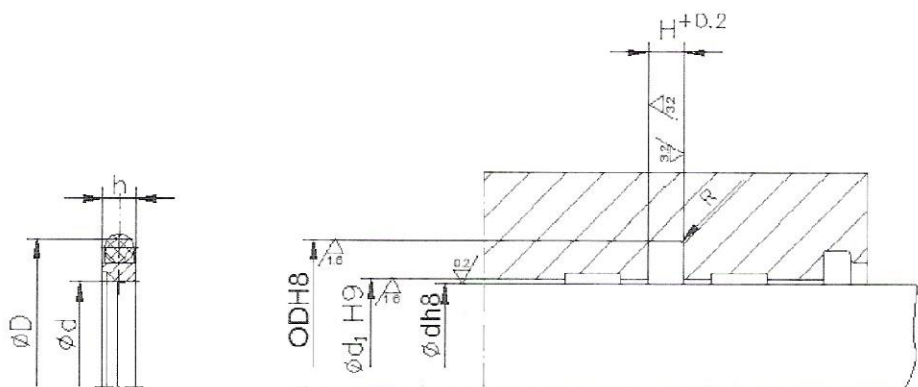
SEAL SET 0361- Installation point



Nominal size ØD	ØD	Ød	Ød1	H+0.2	R	Ident code
28	28	38.7	39.1	4.2	0.5	1349385
30	30	37.3	37.6	3.2	0.3	0537332
30	30	40.7	41.1	4.2	0.5	7500643
32	32	39.3	39.6	3.2	0.3	7500882
32	32	42.7	43.1	4.2	0.5	7500650
35	35	42.3	42.6	3.2	0.3	7500890
35	35	45.7	46.1	4.2	0.5	7500668
36	36	43.3	43.6	3.2	0.3	1343529
36	36	46.7	47.1	4.2	0.5	1181150
38	38	48.7	49.1	4.2	0.5	7500908
38	38	53.1	53.6	6.3	1	7500916
40	40	50.7	51.1	4.2	0.5	9934985
40	40	55.1	55.6	6.3	1	1346233
42	42	52.7	53.1	4.2	0.5	7500924
42	42	57.1	57.6	6.3	1	7500676
45	45	55.7	56.1	4.2	0.5	1181218
45	45	60.1	60.6	6.3	1	1346134
50	50	60.7	61.4	4.2	0.5	7500932
50	50	65.1	65.6	6.3	1	0977108
56	56	66.7	67.1	4.2	0.3	0364570
56	56	71.1	71.6	6.3	1	1348973
60	60	70.7	71.1	4.2	0.5	0979591
60	60	75.1	75.6	6.3	1	8743668
63	63	78.1	78.6	6.3	1	1343867
65	65	80.1	80.6	6.3	1	7500684

Order example: Seal set 0361-50-7500932

SEAL SET 0361- Installation point



Nominal size ØD	Ø D	Ø d	Ø d1	H+0.2	R	Ident code
70	70	85.1	85.6	6.3	1	0536839
75	75	90.1	90.6	6.3	1	2220064
80	80	95.1	95.6	6.3	1	1342158
85	85	100.1	100.6	6.3	1	1911655
90	90	105.1	105.6	6.3	1	1181317
95	95	110.1	110.6	6.3	1	7500700
100	100	115.1	115.6	6.3	1	6815484
105	105	120.1	120.6	6.3	1	7500742
110	110	125.1	125.6	6.3	1	2220569
115	115	130.1	130.6	6.3	1	7500692
120	120	135.1	135.6	6.3	1	2220015
125	125	140.1	140.6	6.3	1	8357758
130	130	145.1	145.6	6.3	1	1343586
135	135	150.1	150.6	6.3	1	7500940
140	140	155.1	155.6	6.3	1	1181267
150	150	165.1	165.6	6.3	1	1345615
160	160	175.1	175.6	6.3	1	6815518
170	170	185.1	185.6	6.3	1	7500759
180	180	195.1	195.6	6.3	1	1181234
190	190	205.1	205.6	6.3	1	7500957
200	200	220.5	221	8.1	1	2342231
210	210	230.5	231	8.1	1	7500965
220	220	240.5	241	8.1	1	7500767
230	230	250.1	251	8.1	1	7500973
240	240	260.1	261	8.1	1	7500981

Order example: Seal set 0361-125-8357758

Technical drawing showing a cross-section of a shaft-hub assembly. The shaft is labeled with dimensions $\varnothing D$ and $\varnothing d$. The hub is labeled with dimensions $\varnothing d_1$ and $\varnothing dh8$. The shaft has a tolerance of ± 0.2 and a surface finish of $\sqrt{3.2}$. The hub has a tolerance of ± 0.1 and a surface finish of $\sqrt{3.2}$. The assembly is shown with a cross-section of the hub and a cross-section of the shaft.

Order example: Seal set 0361-300-7500783