

Design

Step seal for rod SR used in tandem, this rod seal provides the designer with a compact low friction seal for light to medium duty hydraulic cylinders. It is designed to have high contact area with the rod to retain the media at low pressure. Standard seals are supplied with a nitrile O ring but other materials can be provided.

For information about other material options available, please contact your local AB Seals office.



OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	1.0m/sec	3.0 ft/sec
Temperature Range	-30 to 110	-22 to 230F
Maximum Pressure	400 bar	6000 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Main seal- PTB4 / PTB6
- O' ring- NBR 75 / VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- hydraulic presses
- lift platforms

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

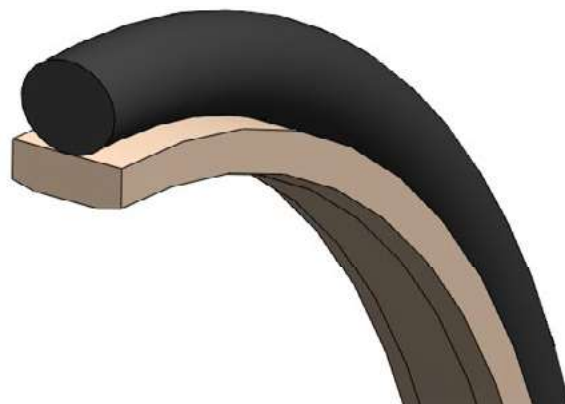
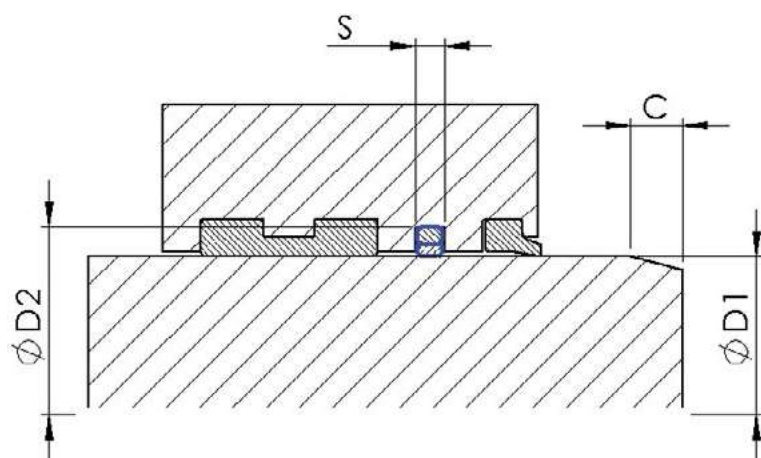
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	0.8	6.3
Side Groove	3.2	15

Chamfers & Radii

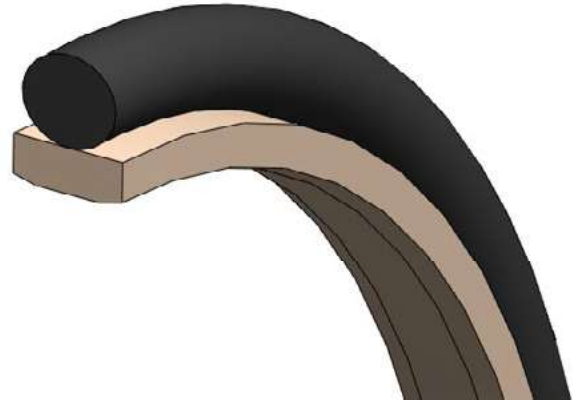
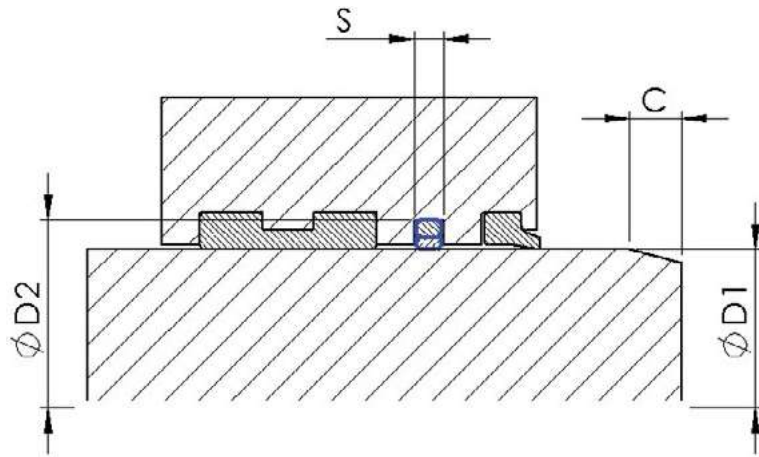
Chamfer 4 - 10 mm
Radii 0.4 - 0.8 mm

Ordering Code:

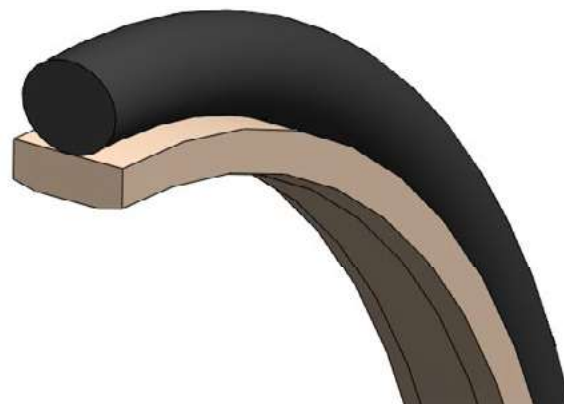
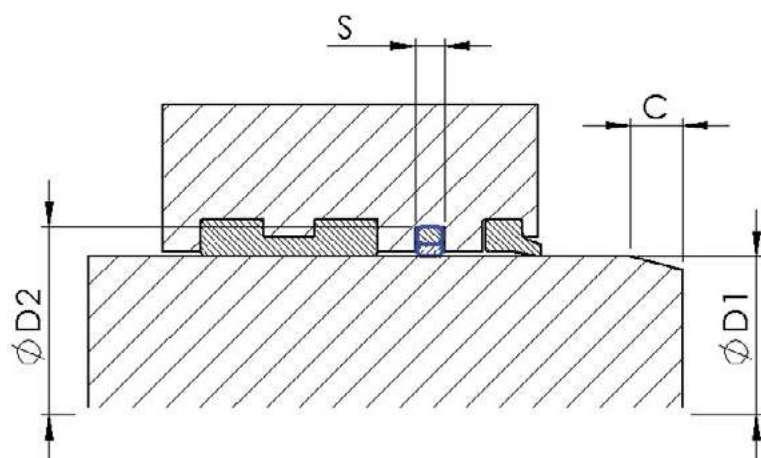
- Example For Temperature -30 to 110, And PISTON ROD DIA 50mm - SR50584
- For Temperature -30 to 200, And PISTON ROD DIA 50mm - SRV50584
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



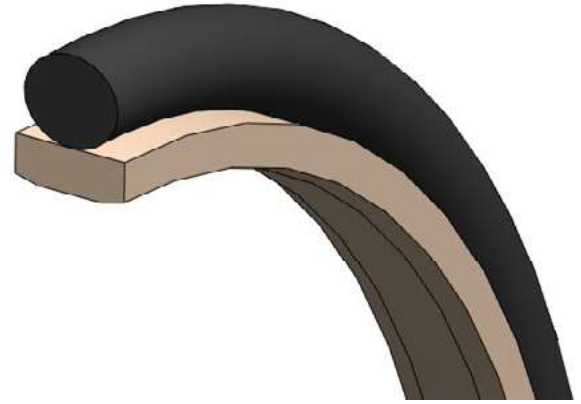
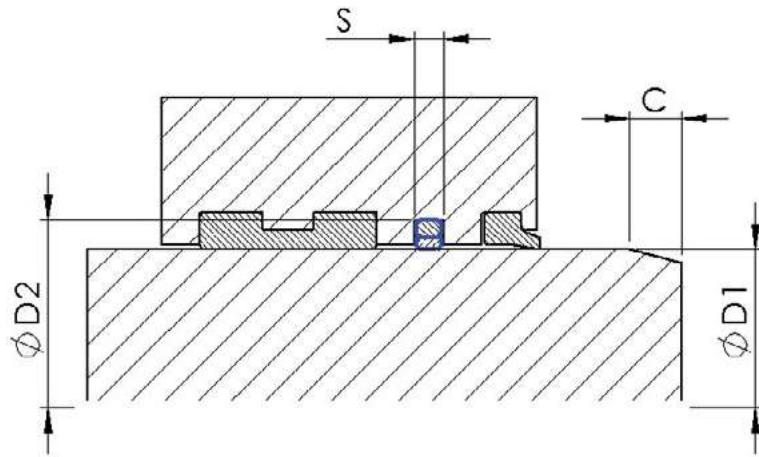
ØD1	ØD2	S	PART NO.
20	28	4	SR20284
22	30	4	SR22304
24	32	4	SR24324
25	33	4	SR25334
26	34	4	SR26344
28	36	4	SR28364
30	38	4	SR30384
32	40	4	SR32404
34	42	4	SR34424
35	43	4	SR35434
36	44	4	SR36444
38	46	4	SR38464
40	48	4	SR40484
42	50	4	SR42504
45	53	4	SR45534
47	55	4	SR47554
48	56	4	SR48564
50	58	4	SR50584
52	60	4	SR52604
55	63	4	SR55634
56	64	4	SR56644
59	67	4	SR59674
60	68	4	SR60684
62	70	4	SR62704



ØD1	ØD2	S	PART NO.
63	71	4	SR63714
65	73	4	SR65734
68	76	4	SR68764
70	78	4	SR70784
72	80	4	SR72804
75	83	4	SR75834
77	85	4	SR77854
78	86	4	SR78864
79	87	4	SR79874
80	88	4	SR80884
81	89	4	SR81894
85	93	4	SR85934
90	98	4	SR90984
94	102	4	SR941024
95	103	4	SR951034
100	112	6	SR1001126
105	117	6	SR1051176
110	122	6	SR1101226
111	123	6	SR1111236
115	127	6	SR1151276
120	132	6	SR1201326
125	137	6	SR1251376
130	142	6	SR1301426
135	147	6	SR1351476
140	152	6	SR1401526



ØD1	ØD2	S	PART NO.
145	157	6	SR1451576
150	162	6	SR1501626
152	164	6	SR1521646
160	172	6	SR1601726
165	177	6	SR1651776
170	182	6	SR1701826
175	187	6	SR1751876
180	192	6	SR1801926
180	196	8	SR1801968
185	197	6	SR1851976
190	202	6	SR1902026
195	209	7	SR1952097
200	212	6	SR2002126
205	219	7	SR2052197
210	224	7	SR2102247
215	227	6	SR2152276
219	233	7	SR2192337
220	234	7	SR2202347
225	239	7	SR2252397
230	244	7	SR2302447
240	254	7	SR2402547
250	264	7	SR2502647
260	274	7	SR2602747
280	294	7	SR2802947
300	316	8	SR3003168



ØD1	ØD2	S	PART NO.
309	325	8	SR3093258
320	336	8	SR3203368
325	341	8	SR3253418
340	356	8	SR3403568
350	366	8	SR3503668
360	376	8	SR3603768
370	386	8	SR3703868
380	396	8	SR3803968
400	416	8	SR4004168
415	431	8	SR4154318
420	436	8	SR4204368
425	441	8	SR4254418
450	466	8	SR4504668
460	476	8	SR4604768
480	496	8	SR4804968
500	516	8	SR5005168
550	566	8	SR5505668
560	576	8	SR5605768
580	596	8	SR5805968
600	618	9	SR6006189
610	628	9	SR6106289
630	648	9	SR6306489
720	738	9	SR7207389
940	958	9	SR9409589
1040	1058	9	SR104010589