

Design

The AB Seals RUD is an asymmetric seal offering superlative dry rod sealing for light and medium duty applications. The RUD has become an industry standard seal worldwide owing to its twin lip profile and consistent performance. Manufactured in polyurethane, the AB Seals RUD is an extremely flexible seal making installation very easy. The ranges cover most standard housings used in Europe, North America and Asia.



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

OPERATING RANGE

Technical details	Metric	Inch
Maximum Speed	1 m/sec	3.28 ft/sec
Temperature Range	-45 to +110	-50 to +230F
Maximum Pressure	400 bar	6000 P.S.I
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB /PUAB/PU95
- Fluorocarbon Rubber - VKM75

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools

Maximum Extrusions Gap

Allowable Extrusion Gap is
0.2 to 0.3 mm

Surface Roughness

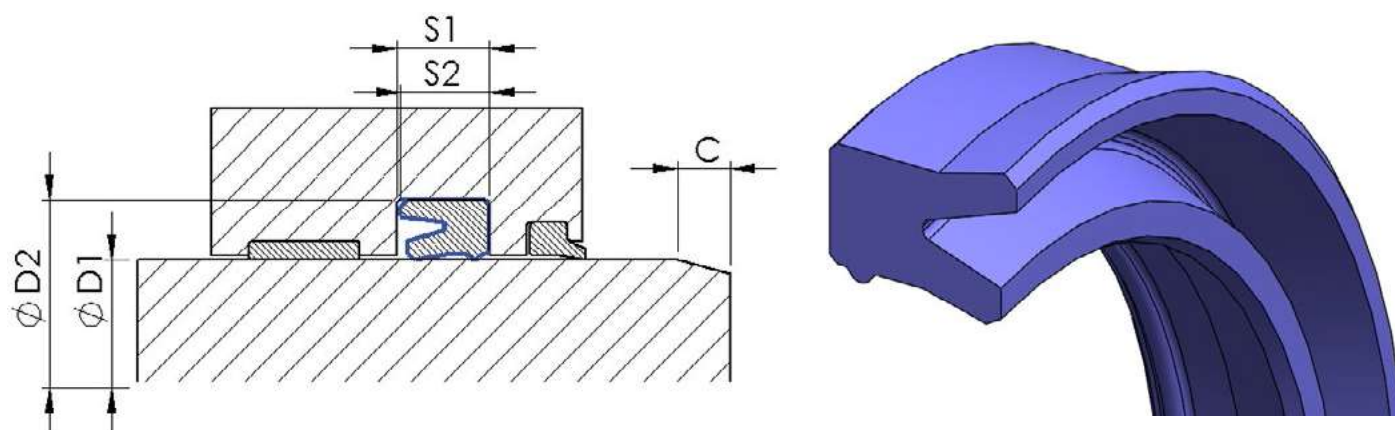
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

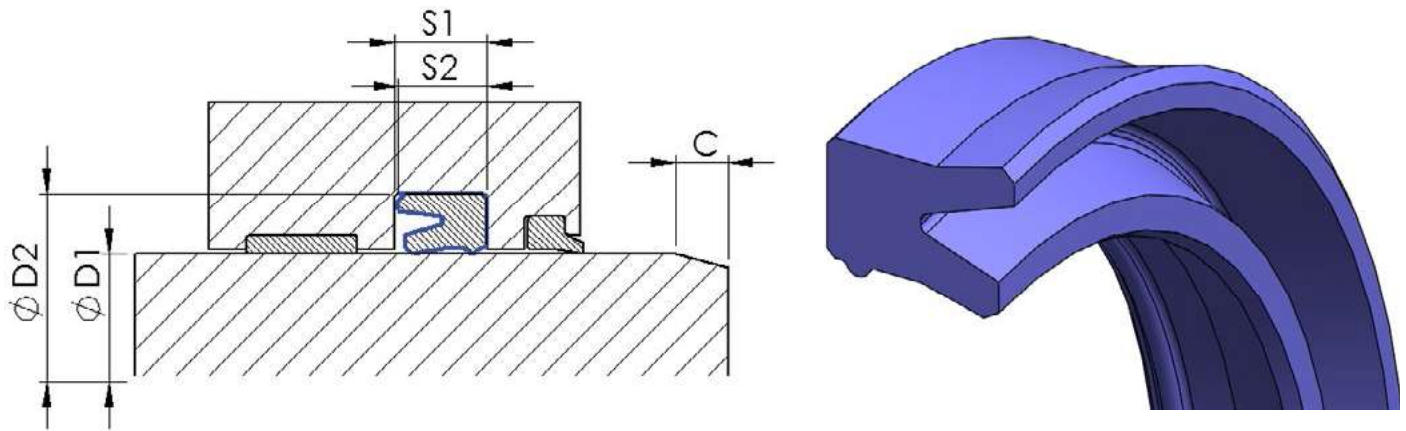
Chamfer 4 - 15 mm
Radii 0.4 - 0.8 mm

Ordering Code:

- Example For Temperature -45 to 110, And PISTON ROD DIA 50mm - RUD506073/8
- For Temperature -45 to 200, And PISTON ROD DIA 50mm - RUDV506073/8
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S2	S1	PART NO
20	30	7.3	8	RUD203073/8
22	30	7.3	8	RUD223073/8
25	35	7.3	8	RUD253573/8
28	38	7.3	8	RUD283873/8
30	40	7.3	8	RUD304073/8
32	42	7.3	8	RUD324273/8
35	45	7.3	8	RUD354573/8
36	46	7.3	8	RUD364673/8
38	48	7.3	8	RUD384873/8
40	50	7.3	8	RUD405073/8
45	55	7.3	8	RUD455573/8
50	60	7.3	8	RUD506073/8
55	65	7.3	8	RUD556573/8
56	66	7.3	8	RUD566673/8
57	67	7.3	8	RSD576773/8
60	70	7.3	8	RUD607073/8
60	75	12	13	RUD607512/13
60	80	11	12	RUD608011/12
63	73	7.3	8	RUD637373/8
63	75	11	12.5	RUD637511/125
65	75	7.3	8	RUD657573/8
65	80	9	10	RUD65809/10
65	80	11	12	RUD658011/12
70	80	7.3	8	RUD708073/8
75	85	7.3	8	RUD758573/8
80	95	7.3	8	RUD809573/8
80	95	8	9.5	RUD80958/95
85	100	9	10	RUD851009/10



ØD1	ØD2	S2	S1	PART NO
90	105	9	10	RUD901059/10
95	110	10	11	RUD9511010/11
100	115	10	11	RUD10011510/11
105	120	10	11	RUD10512010/11
110	125	11	12	RUD11012511/12
115	130	11	12	RUD11513011/12
120	140	12	13	RUD12014012/13
125	140	10	11	RUD12514010/11
130	140	14.5	16	RUD130140145/16
140	155	12	13	RUD14015512/13
150	170	14.5	16	RUD150170145/16
160	180	12	13	RUD16018012/13
165	180	9	10	RUD1651809/10
170	185	12	13	RUD17018512/13
180	200	11	12	RUD18020011/12
190	210	14.5	16	RUD190210145/16
200	220	14.5	16	RUD200220145/16