

Design

The scraper AITP is a molded with high performance elastomer. It has two geometrically different scraper lips. It helps in preventing the penetration of dirt into the system.



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	-35 to 100	-50 to 230F
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Polyurethane-PUA/PUB/PUAB/PU95
- Nitrile Rubber - NBR80
- Fluorocarbon Rubber - VKM85

APPLICATION

- Mobile hydraulics
- Agriculture equipment
- Machine tools
- Injection cylinder
- Hydraulic presses
- Lift platforms

Maximum Extrusions Gap

Surface Roughness

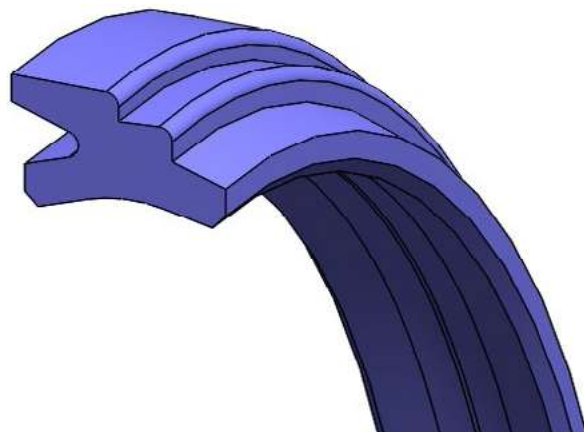
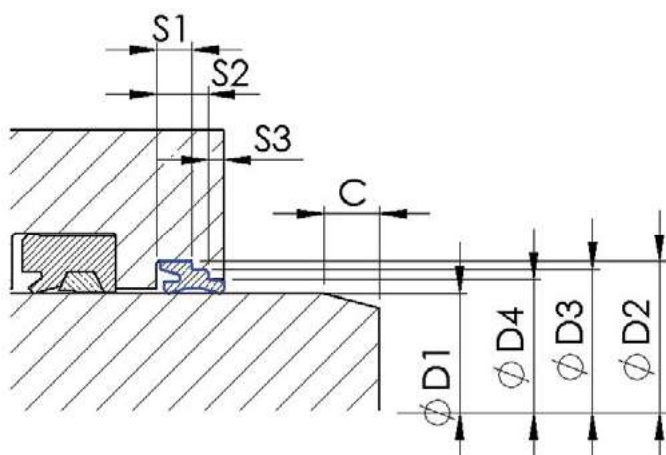
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.5	2.5
Base Groove	1.6	6.3
Side Groove	3	15

Chamfers & Radii

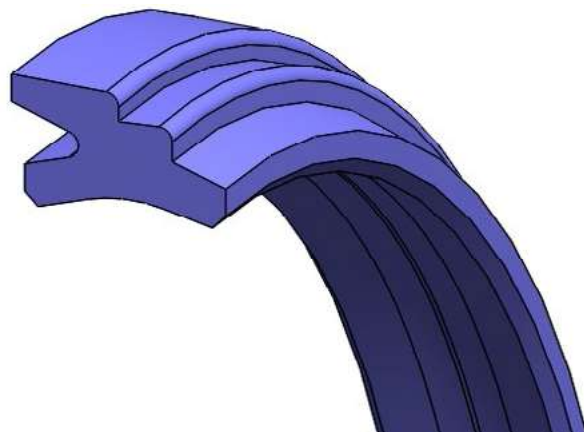
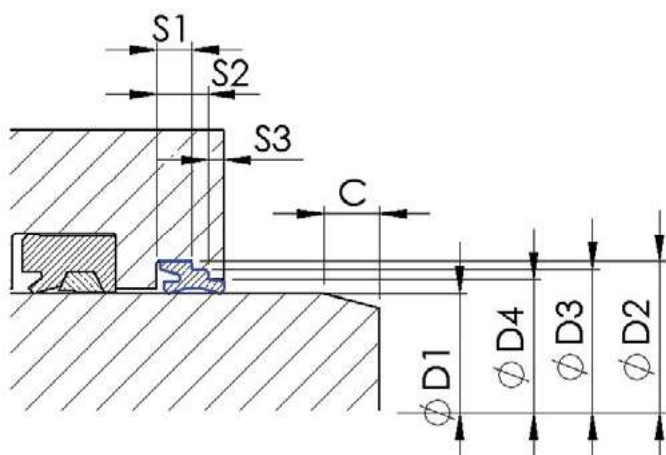
Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

- Example For Temperature -35 to 100, And PISTON ROD DIA - 50mm AITP50588/6
- For Temperature -45 to 100, And PISTON ROD DIA - 50mm AITN50588/6
- For Temperature -45 to 200, And PISTON ROD DIA - 50mm AITV50588/6
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	ØD3	ØD4	S1	S2	S3	B	Part No.
10	18	16	13.5	4	6	2	8	AIT10188/6
12	20	18	15.5	4	6	2	8	AIT12208/6
14	22	20	17.5	4	6	2	8	AIT14228/6
15	23	21	18.5	4	6	2	8	AIT15238/6
16	24	22	19.5	4	6	2	8	AIT16248/6
18	26	24	21.5	4	6	2	8	AIT18268/6
20	28	26	23.5	4	6	2	8	AIT20288/6
22	30	28	25.5	4	6	2	8	AIT22308/6
24	32	30	27.5	4	6	2	8	AIT24328/6
25	33	31	28.5	4	6	2	8	AIT25338/6
28	36	34	31.5	4	6	2	8	AIT28368/6
30	38	36	33.5	4	6	2	8	AIT30388/6
32	40	38	35.5	4	6	2	8	AIT32408/6
35	43	41	38.5	4	6	2	8	AIT35438/6
36	44	42	39.5	4	6	2	8	AIT36448/6
40	48	46	43.5	4	6	2	8	AIT40488/6
42	50	48	45.5	4	6	2	8	AIT42508/6
45	53	51	48.5	4	6	2	8	AIT45538/6
46	54	52	49.5	4	6	2	8	AIT46548/6
50	58	56	53.5	4	6	2	8	AIT50588/6
55	63	61	58.5	4	6	2	8	AIT55638/6
56	64	62	59.5	4	6	2	8	AIT56648/6
60	68	66	63.5	4	6	2	8	AIT60688/6
63	71	69	66.5	4	6	2	8	AIT63718/6
65	73	71	68.5	4	6	2	8	AIT65738/6



ØD1	ØD2	ØD3	ØD4	S1	S2	S3	B	Part No.
70	78	76	73.5	4	6	2	8	AIT70788/6
75	83	81	78.5	4	6	2	8	AIT75838/6
80	88	86	83.5	4	6	2	8	AIT80888/6
85	93	91	88.5	4	6	2	8	AIT85938/6
90	98	96	93.5	4	6	2	8	AIT90988/6
100	108	106	103.5	4	6	2	8	AIT1001088/6
105	117	114	110	5.5	8.2	3	11	AIT10511711/82
110	122	119	115	5.5	8.2	3	11	AIT11012211/82
115	127	124	120	5.5	8.2	3	11	AIT11512711/82
120	132	129	125	5.5	8.2	3	11	AIT12013211/82
125	137	134	130	5.5	8.2	3	11	AIT12513711/82
130	142	139	135	5.5	8.2	3	11	AIT13014211/82
135	147	144	140	5.5	8.2	3	11	AIT13514711/82
140	152	149	145	5.5	8.2	3	11	AIT14015211/82
150	162	159	155	5.5	8.2	3	11	AIT15016211/82
160	172	169	165	5.5	8.2	3	11	AIT16017211/82
170	182	179	175	5.5	8.2	3	11	AIT17018211/82
180	192	189	185	5.5	8.2	3	11	AIT18019211/82
200	212	209	205	5.5	8.2	3	11	AIT20021211/82