

Design

The AB Seals WSN wiper has a lip designed to remove lightly adhered dirt from the rod i.e. mud, dust or moisture. The wiper is manufactured from a hard nitrile rubber suitable for installing in a grooved housing



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	-45 to 110	-50 to 230F
Operating Fluid	Standard hydraulic oils	

MATERIAL

- Nitrile Rubber – NBR80
- Fluorocarbon Rubber – VKM85

APPLICATION

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

Maximum Extrusions Gap

Surface Roughness

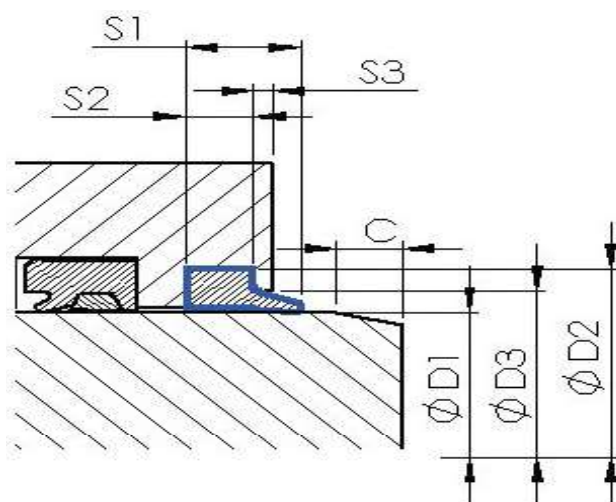
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

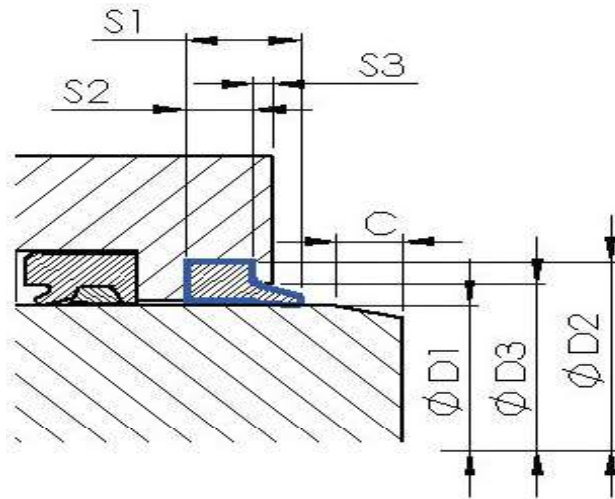
Chamfer 4 – 10 mm
Radii 0.4 – 0.8 mm

Ordering Code:

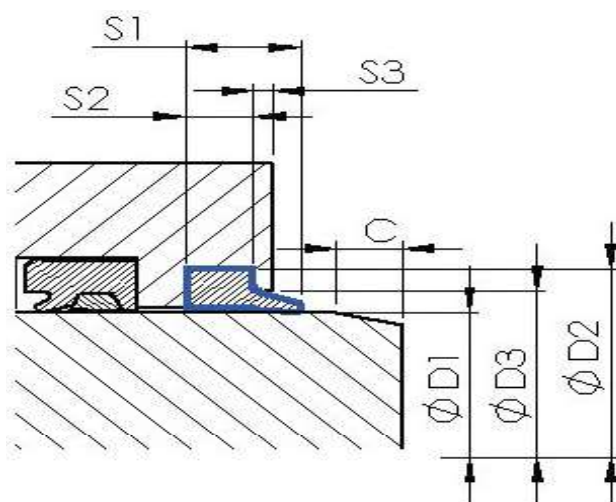
- Example For Temperature -45 to 110, And PISTON ROD DIA 50mm WSN506037/52
- For Temperature -45 to 200, And PISTON ROD DIA 50mm WSV506037/52
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	S1	ØD2	ØD3	S2	S3	PART NO.
20	7	28.3	23	5.2	2	WSN202837/52
22	7	30.3	25	5.2	2	WSN223037/52
25	7	33.3	28	5.2	2	WSN253337/52
28	7	36.3	31	5.2	2	WSN283637/52
30	7	38.3	33	5.2	2	WSN303837/52
32	7	40.3	35	5.2	2	WSN324037/52
35	7	43.5	38	5.2	2	WSN354357/52
36	7	44.3	39	5.2	2	WSN364437/52
40	7	48.3	43	5.2	2	WSN404837/52
42	7	50.3	45	5.2	2	WSN425037/52
45	7	55.3	48	5.2	2	WSN455537/52
48	7	56.6	51	5.2	2	WSN485667/52
50	7	60.3	53	5.2	2	WSN506037/52
52	7	60.6	55	5.2	2	WSN526067/52
55	7	65.3	58	5.2	2	WSN556537/52
56	7	66.3	59	5.2	2	WSN566637/52
60	7	70.3	63	5.2	2	WSN607037/52
63	7	73.3	66	5.2	2	WSN637337/52
65	7	75.3	68	5.2	2	WSN657537/52
68	7	76.6	71	5.2	2	WSN687667/52
70	7	80.3	73	5.2	2	WSN708037/52
75	12	87	81	7.2	2	WSN758712/72
80	12	92	86	7.2	2	WSN809212/72
85	12	97	91	7.2	2	WSN859712/72
90	12	102	96	7.2	2	WSN9010212/72
95	12	107	101	7.2	2	WSN9510712/72
100	12	112	106	7.2	2	WSN10011212/72



ØD1	S1	ØD2	ØD3	S2	S3	PART NO.
105	12	117	111	7.2	3	WSN10511712/72
110	12	122	116	7.2	3	WSN11012212/72
115	12	127	121	7.2	3	WSN11512712/72
120	12	132	126	7.2	3	WSN12013212/72
125	16	140	132.6	10.2	3	WSN12514016/102
130	12	142	136	7.2	3	WSN13014212/72
135	12	147	141	7.2	3	WSN13514712/72
140	16	155	147	10.2	3	WSN14015516/102
150	12	165	156	7.2	3	WSN15016512/72
150	16	165	157	10.2	3	WSN15016516/102
155	18	175	165	10.2	3	WSN15517518/102
160	16	175	167	10.2	3	WSN16017516/102
165	16	180	173	10.2	3	WSN16518016/102
170	12	185	177	6.2	3	WSN17018512/62
175	16	190	182.6	10.2	3	WSN17519016/102
180	18	200	190	10.2	3	WSN18020018/102
185	16	200	193	10.2	3	WSN18520016/102
190	18	210	200	10.2	3	WSN19021018/102
200	18	220	210	10.2	3	WSN20022018/102
205	18	225	215	10.2	3	WSN20522518/102
210	18	230	220	10.2	3	WSN21023018/102
220	18	240	230	10.2	3	WSN22024018/102
225	18	245	235	10.2	3	WSN22524518/102
230	18	250	240	10.2	3	WSN23025018/102
240	18	260	250	10.2	3	WSN24026018/102
250	18	270	260	10.2	3	WSN25027018/102
260	18	280	270	10.2	3	WSN26028018/102



ØD1	S1	ØD2	ØD3	S2	S3	PART NO.
270	18	290	280	10.2	3	WSN27029018/102
280	18	300	290	10.2	3	WSN28030018/102
290	15	305	298	7.7	3	WSN29030515/77
290	18	310	300	10.2	3	WSN29031018/102
300	18	320	310	10.2	3	WSN30032018/102
320	18	340	330	10.2	3	WSN32034018/102
330	16	346	338	10.2	3	WSN33034616/102
340	18	360	350	10.2	3	WSN34036018/102
350	18	370	360	10.2	3	WSN35037018/102
360	18	380	370	10.2	3	WSN36038018/102
370	16	386	378	10.2	3	WSN37038616/102
380	25	410	395	15.2	3	WSN38041025/152
400	18	420	410	10.2	3	WSN40042018/102
420	25	450	435	15.2	3	WSN42045025/152
440	25	470	455	15.2	3	WSN44047025/152
450	18	470	460	10.2	3	WSN45047018/102
480	18	500	490	10.2	3	WSN48050018/102
500	18	520	510	10.2	3	WSN50052018/102
540	25	570	510	10.2	3	WSN54057025/102
650	18	670	510	10.2	3	WSN65067018/102