

Design

The AB Seals MDSN/MDSV is a metal cased wiper, designed to press-fit into open groove housings. AB Seals wiper comprises a precisely trimmed Nitrile Rubber wiping element which is securely bonded to a metal case treated with a rust inhibitor.



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
- Cold rolled steel sheet/ MS.

APPLICATION

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

Maximum Extrusions Gap

Surface Roughness

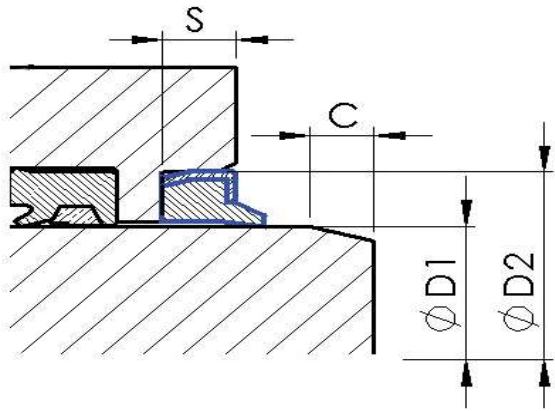
Technical details	Ra (um)	Rt (um)
Sliding Surface	0.1	1.6
Base Groove	1.6	6.3
Side Groove	3.2	10

Chamfers & Radii

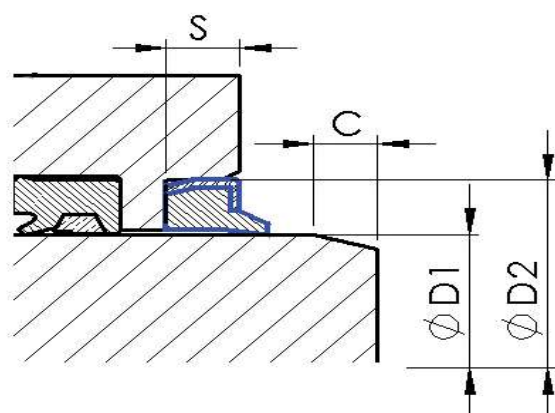
- Chamfer 4 – 10 mm
- Radii 0.4 – 0.8 mm

Ordering Code:

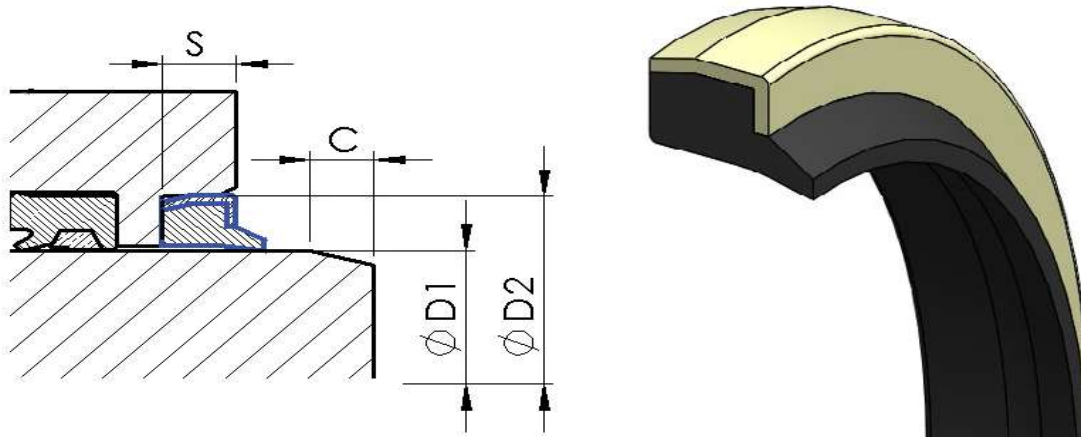
- Example For Temperature -45 to 110, And PISTON ROD DIA 50mm MDSN50627
- For information about other material options available, please contact your local AB Seals office.
- For Requirement of other sizes contact us.



ØD1	ØD2	S	PART NO.
20	32	6	MDSN20326
25	37	6	MDSN25376
27	39	6	MDSN27396
28	40	6	MDSN28406
30	42	6	MDSN30426
32	44	7	MDSN32447
35	47	7	MDSN35477
38	50	7	MDSN38507
40	52	7	MDSN40527
45	57	7	MDSN45577
47	59	7	MDSN47597
50	62	7	MDSN50627
53	67	8	MDSN53678
55	69	8	MDSN55698
56	70	8	MDSN56708
60	74	8	MDSN60748
63	77	8	MDSN63778
64	78	8	MDSN64788
65	79	8	MDSN65798
67	81	8	MDSN67818
70	84	8	MDSN70848
71	85	8	MDSN71858
75	89	8	MDSN75898
80	94	8	MDSN80948
85	99	8	MDSN85998
90	104	8	MDSN901048
92	106	8	MDSN921068



ØD1	ØD2	S	PART NO.
95	109	8	MDSN951098
100	114	8	MDSN1001148
105	121	9	MDSN1051219
106	122	9	MDSN1061229
108	125	9	MDSN1081259
110	126	9	MDSN1101269
112	128	9	MDSN1121289
115	131	9	MDSN1151319
118	134	9	MDSN1181349
120	136	9	MDSN1201369
125	141	9	MDSN1251419
130	146	9	MDSN1301469
132	148	9	MDSN1321489
135	155	10	MDSN13515510
140	160	10	MDSN14016010
145	165	10	MDSN14516510
150	170	10	MDSN15017010
155	175	10	MDSN15517510
160	180	10	MDSN16018010
165	185	10	MDSN16518510
170	190	10	MDSN17019010
175	195	10	MDSN17519510
180	205	12	MDSN18020512
185	210	12	MDSN18521012
190	215	12	MDSN19021512
200	225	12	MDSN20022512
210	235	12	MDSN21023512



ØD1	ØD2	S	PART NO.
212	237	12	MDSN21223712
220	245	12	MDSN22024512
224	249	12	MDSN22424912
225	250	12	MDSN22525012
230	255	12	MDSN23025512
236	261	12	MDSN23626112
240	265	12	MDSN24026512
245	270	12	MDSN24527012
250	275	12	MDSN25027512
260	285	12	MDSN26028512
265	290	12	MDSN26529012
280	310	16	MDSN28031016
290	320	16	MDSN29032016
300	330	16	MDSN30033016