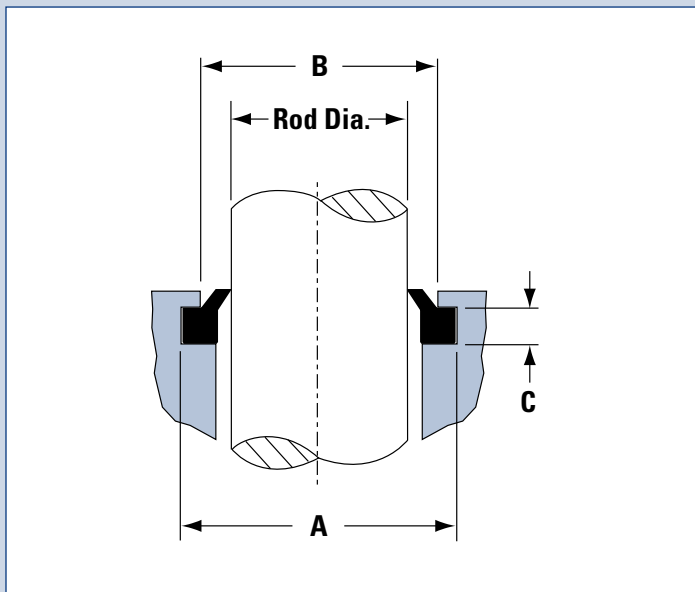
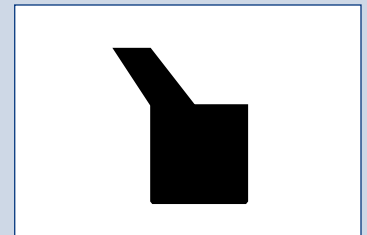


The main function of the Rod Wiper is to keep the rod and cylinder clean and free from foreign matter; thus preventing premature failure. The Rod Wiper is not a pressure sealing element, yet it avoids possible abrasive effects which may

result if contaminants were to reach the sealing and rod bearing elements.

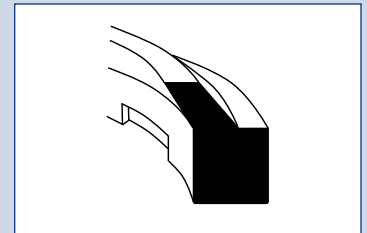
## Style (ST) Rod Wipers

One-piece snap-in type rod wiper scrapers for heavy duty applications. (ST) wipers are continuous (not split) and conform with wear and side motion for effective wiping action over the entire life span of the seal. DMR stocks (ST) Rod Wipers in 90 Durometer Urethane and in 90 Durometer Fluoroelastomer.



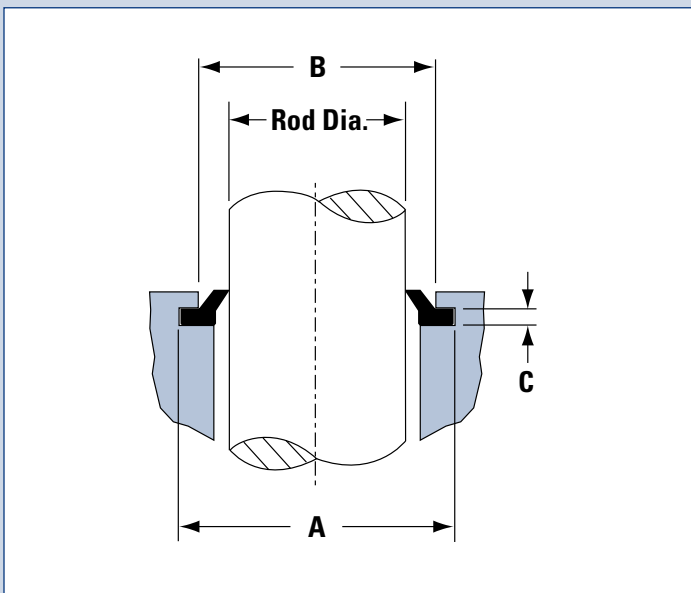
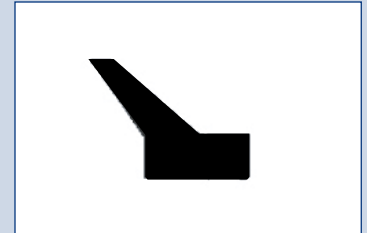
Note: DMR Stocks a number of sizes with a Slotted Heel Design (SH) in urethane. This design prevents extrusion of snap-in wipers caused by pressure build-up due to excessive rod seal leakage.

Groove Dimensions meet ANS/B93.35 1978 specifications. (NFPA-T3-197.3R1).



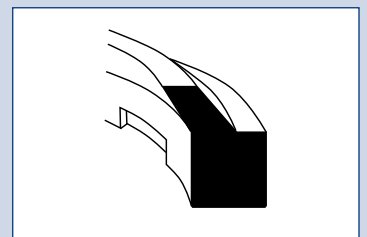
## Style AN Rod Wipers

Designed for light duty applications where style ST wipers are not required. Interchangeable with corresponding dash numbers of MS28776 wiper rings. Consult DMR for AN6231 retrofit. DMR stocks AN Rod Wipers in 90 Durometer Urethane and in 90 Durometer Fluoroelastomer.



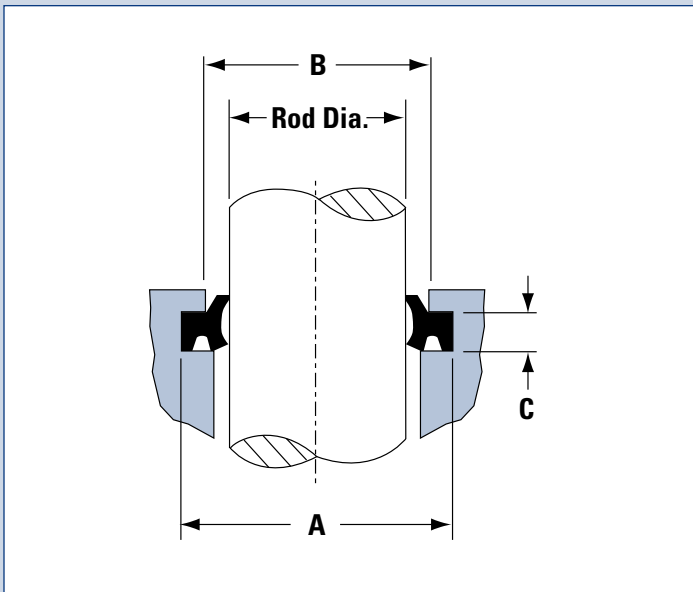
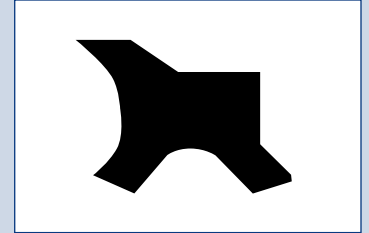
Note: DMR Stocks a number of sizes with a Slotted Heel Design (SH) in urethane. This design prevents extrusion of snap-in wipers caused by pressure build-up due to excessive rod seal leakage.

Groove Dimensions meet ANS/B93.35 1978 specifications. (NFPA-T3-197.3R1).



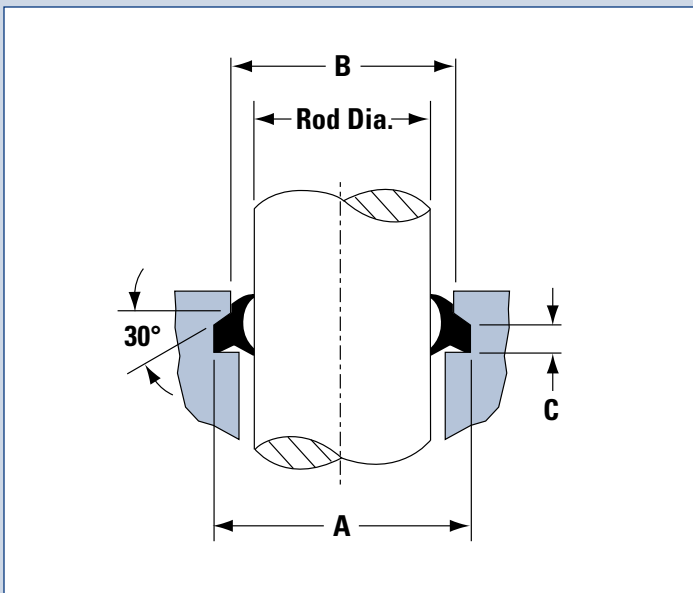
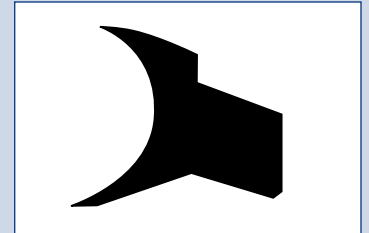
## Style HW Rod Wipers

Designed for medium duty applications and can provide both wiping and sealing action in one component in low pressure systems. The external lip scrapes foreign matters from the rod, and the other lips act as an effective pressure seal in low pressure applications. This wiper can also be used as a secondary seal to trap slight leakage from the primary seal. This creates a very dry rod system. DMR stocks HW Rod Wipers in 90 Durometer Urethane, 90 Durometer Fluoroelastomer and 90 Durometer Nitrile.



## Style KW Rod Wipers

Double lip design provides the ultimate in wiper action to remove foreign material from the exposed rod while still maintaining an adequate lubricating film. It protects both the rod and the primary seal. Molded in 90 Durometer Urethane for maximum strength abrasion resistance.



## Style (ST) Rod Wipers

DMR Part Number	A . Rod Dia.	B. OD Wiper	C - Base Thickness
ST-25	1/4	1/2	1/8
ST-37	3/8	5/8	1/8
ST-43	7/16	11/16	1/8
ST-50	1/2	3/4	1/8
ST-56	9/16	13/16	1/8
ST-62	5/8	7/8	1/8
ST-62V	5/8	7/8	1/8
ST-75	3/4	1-1/8	3/16
ST-81	13/16	1-3/16	3/16
ST-87	7/8	1-1/4	3/16
ST-93	15/16	1-5/16	3/16
ST-100	1	1-3/8	3/16
ST-100V	1	1-3/8	3/16
ST-110	1.10	1.49	3/16
ST-112	1-1/8	1-1/2	3/16
ST-112V	1-1/8	1-1/2	3/16
ST-118	1-3/16	1-9/16	3/16
ST-125	1-1/4	1-5/8	3/16
ST-125V	1-1/4	1-5/8	3/16
ST-131	1-5/16	1-11/16	3/16
ST-137	1-3/8	1-3/4	3/16
ST-137V	1-3/8	1-3/4	3/16
ST-143	1-7/16	1-13/16	3/16
ST-150	1-1/2	1-7/8	3/16
ST-150V	1-1/2	1-7/8	3/16
ST-156	1-9/16	1-15/16	3/16
ST-162	1-5/8	2	3/16
ST-175	1-3/4	2-1/8	3/16
ST-175V	1-3/4	2-1/8	3/16
ST-187	1-7/8	2-1/4	3/16
ST-193	1-15/16	2-5/16	3/16
ST-200	2	2-1/2	1/4

DMR Part Number	A . Rod Dia.	B. OD Wiper	C - Base Thickness
ST-200V	2	2-1/2	1/4
ST-212	2-1/8	2-5/8	1/4
ST-212A	2-1/8	2-1/2	3/16
ST-225	2-1/4	2-3/4	1/4
ST-237	2-3/8	2-7/8	1/4
ST-250	2-1/2	3	1/4
ST-250V	2-1/2	3	1/4
ST-262	2-5/8	3-1/8	1/4
ST-275	2-3/4	3-1/4	1/4
ST-287	2-7/8	3-3/8	1/4
ST-300	3	3-1/2	1/4
ST-300V	3	3-1/2	1/4
ST-312	3-1/8	3-5/8	1/4
ST-325	3-1/4	3-3/4	1/4
ST-325V	3-1/4	3-3/4	1/4
ST-337	3-3/8	3-7/8	1/4
ST-350	3-1/2	4	1/4
ST-350V	3-1/2	4	1/4
ST-362	3-5/8	4-1/8	1/4
ST-375	3-3/4	4-1/4	1/4
ST-387	3-7/8	4-3/8	1/4
ST-400	4	4-1/2	1/4
ST-412	4-1/8	4-5/8	1/4
ST-425	4-1/4	4-3/4	1/4
ST-437	4-3/8	4-7/8	1/4
ST-450	4-1/2	5-1/4	3/8
ST-451	4-1/2	5	1/4
ST-475	4-3/4	5-1/2	3/8
ST-487	4-7/8	5-5/8	3/8
ST-500	5	5-3/4	3/8
ST-501	5	5-1/2	1/4
ST-525	5-1/4	6	3/8

**Style (ST) Rod Wipers**

<b>DMR Part Number</b>	<b>A Rod Dia.</b>	<b>B OD Wiper</b>	<b>C - Base Thickness</b>
ST-550	5-1/2	6-1/4	3/8
ST-575	5-3/4	6-1/2	3/8
ST-600	6	6-3/4	3/8
ST-625	6-1/4	7	3/8
ST-650	6-1/2	7-1/4	3/8
ST-650-A	6-1/2	7-1/2	3/8
ST-660	6-1/2	7-1/2	1/2
ST-675	6-3/4	7-1/2	3/8
ST-700	7	7-3/4	3/8
ST-701	7	8	1/2
ST-702	7	8	.400
ST-750	7-1/2	8-1/4	3/8
ST-750-A	7-1/2	8-1/2	3/8
ST-775	7-3/4	8-1/2	3/8
ST-800	8	8-3/4	3/8
ST-801	8	8-1/2	1/4
ST-825	8-1/4	9	3/8
ST-850	8-1/2	9-1/4	3/8
ST-851	8-1/2	9	1/4
ST-875	8-3/4	9-1/2	3/8
ST-900	9	9-3/4	3/8
ST-950	9-1/2	10-1/4	3/8
ST-975	9-3/4	10-1/2	3/8
ST-1000	10	11	1/2
ST-1000A	10	10-1/2	1/4
ST-1100	11	12	1/2
ST-1200	12	13	1/2
ST-1201	12	13-1/4	1/2
ST-1250	12-1/2	13-1/2	1/2

## Style AN Rod Wipers

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
AN-01	1/2	.760	.104
AN-01-SH	1/2	.760	.104
AN-02	9/16	.823	.104
AN-03	5/8	.885	.104
AN-03-SH	5/8	.885	.104
AN-04	11/16	.948	.104
AN-05	3/4	1.010	.104
AN-05-N	3/4	1.010	.104
AN-05-SH	3/4	1.010	.104
AN-05V	3/4	1.010	.104
AN-06	13/16	1.084	.104
AN-06-SH	13/16	1.084	.104
AN-07	7/8	1.147	.104
AN-07A	7/8	1.118	.104
AN-07A-T	7/8	1.118	.104
AN-07-SH	7/8	1.147	.104
AN-08	15/16	1.209	.104
AN-09	1	1.272	.104
AN-09B	1	1.272	.104
AN-09-SH	1	1.272	.104
AN-09V	1	1.272	.104
AN-10	1-1/16	1.334	.104
AN-11	1-1/8	1.397	.104
AN-11-SH	1-1/8	1.397	.104
AN-12	1-3/16	1.459	.104
AN-13	1-1/4	1.522	.104
AN-13B	1-1/4	1.490	.104
AN-13-SH	1-1/4	1.522	.104
AN-13V	1-1/4	1.522	.104
AN-14	1-5/16	1.614	.104
AN-15	1-3/8	1.677	.104
AN-15-SH	1-3/8	1.677	.104

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
AN-15V	1-3/8	1.677	.104
AN-16	1-7/16	1.739	.104
AN-01	1/2	.760	.104
AN-01-SH	1/2	.760	.104
AN-02	9/16	.823	.104
AN-03	5/8	.885	.104
AN-03-SH	5/8	.885	.104
AN-04	11/16	.948	.104
AN-05	3/4	1.010	.104
AN-05-N	3/4	1.010	.104
AN-05-SH	3/4	1.010	.104
AN-05V	3/4	1.010	.104
AN-06	13/16	1.084	.104
AN-06-SH	13/16	1.084	.104
AN-07	7/8	1.147	.104
AN-07A	7/8	1.118	.104
AN-07A-T	7/8	1.118	.104
AN-07-SH	7/8	1.147	.104
AN-08	15/16	1.209	.104
AN-09	1	1.272	.104
AN-09B	1	1.272	.104
AN-09-SH	1	1.272	.104
AN-09V	1	1.272	.104
AN-10	1-1/16	1.334	.104
AN-11	1-1/8	1.397	.104
AN-11-SH	1-1/8	1.397	.104
AN-12	1-3/16	1.459	.104
AN-13	1-1/4	1.522	.104
AN-13B	1-1/4	1.490	.104
AN-13-SH	1-1/4	1.522	.104
AN-13V	1-1/4	1.522	.104
AN-14	1-5/16	1.614	.104

**Style AN Rod Wipers**

<b>DMR Part Number</b>	<b>A - Rod Diameter</b>	<b>B - Groove I.D.</b>	<b>C - Base Thickness</b>
AN-15	1-3/8	1.677	.104
AN-15-SH	1-3/8	1.677	.104
AN-15V	1-3/8	1.677	.104
AN-16	1-7/16	1.739	.104

## Style HW Rod Wipers

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
HW-0500	1/2	13/16	.194
HW-0500N	1/2	13/16	.194
HW-0500V	1/2	13/16	.194
HW-0625	5/8	15/16	.194
HW-0625-1	5/8	1	.203
HW-0625-1N	5/8	1	.203
HW-0625-2N	5/8	15/16	.194
HW-0625N	5/8	15/16	.194
HW-0625V	5/8	15/16	.194
HW-0750	3/4	1-1/16	.194
HW-0750N	3/4	1-1/16	.194
HW-0750V	3/4	1-1/16	.194
HW-0875	7/8	1-1/4	.212
HW-0875N	7/8	1-1/4	.212
HW-1000	1	1-3/8	.212
HW-1000N	1	1-3/8	.212
HW-1000U	1	1-3/8	.212
HW-1000V	1	1-3/8	.212
HW-1125	1-1/8	1-1/2	.212
HW-1250	1-1/4	1-5/8	.212
HW-1250N	1-1/4	1-5/8	.212
HW-1375	1-3/8	1-3/4	.212
HW-1375HT	1-3/8	1-3/4	.206
HW-1375N	1-3/8	1-3/4	.212
HW-1375V	1-3/8	1-3/4	.212
HW-1500	1-1/2	1-7/8	.212
HW-1500N	1-1/2	1-7/8	.212
HW-1625	1-5/8	2	.212
HW-1750	1-3/4	2-1/8	.212
HW-1750N	1-3/4	2-1/8	.212
HW-1750V	1-3/4	2-1/8	.212
HW-1751	1-3/4	2-1/8	.168
HW-1875	1-7/8	2-1/4	.212

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
HW-1875N	1-7/8	2-1/4	.212
HW-2000	2	2-3/8	.212
HW-2000N	2	2-3/8	.212
HW-2000V	2	2-3/8	.212
HW-2125	2-1/8	2-1/2	.212
HW-2250	2-1/4	2-3/4	.275
HW-2375N	2-3/8	2-7/8	.275
HW-2500	2-1/2	3	.275
HW-2500N	2-1/2	3	.275
HW-2500V	2-1/2	3	.275
HW-2625	2-5/8	3-1/8	.275
HW-2750	2-3/4	3-1/4	.275
HW-3000	3	3-1/2	.275
HW-3000N	3	3-1/2	.275
HW-3000V	3	3-1/2	.275
HW-3250	3-1/4	3-3/4	.275
HW-3500	3-1/2	4	.275
HW-3500N	3-1/2	4	.275
HW-3500V	3-1/2	4	.275
HW-3750	3-3/4	4-1/4	.275
HW-4000	4	4-1/2	.275
HW-4000N	4	4-1/2	.275
HW-4000V	4	4-1/2	.275
HW-4250	4-1/4	4-3/4	.275
HW-4430	4-7/16	4-15/16	.275
HW-4500	4-1/2	5	.275
HW-4500N	4-1/2	5	.275
HW-4500V	4-1/2	5	.275
HW-4750	4-3/4	5-1/4	.275
HW-5000	5	5-1/2	.275
HW-5000N	5	5-1/2	.275
HW-5000V	5	5-1/2	.275
HW-5500	5-1/2	6	.275

## Style HW Rod Wipers

<b>DMR Part Number</b>	<b>A - Rod Diameter</b>	<b>B - Groove I.D.</b>	<b>C - Base Thickness</b>
HW-5500N	5-1/2	6	.275
HW-5500V	5-1/2	6	.275
HW-6000N	6	6-1/2	.275
HW-6000V	6	6-1/2	.275
HW-7000	7	7-1/2	.275
HW-8000	8	8-1/2	.275

## Style KW Rod Wipers

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
KW-0500	1/2	3/4	.156
KW-0625	5/8	7/8	.156
KW-0750	3/4	1-1/8	.190
KW-0875	7/8	1-1/4	.190
KW-1000	1	1-3/8	.190
KW-1125	1-1/8	1-1/2	.190
KW-1250	1-1/4	1-5/8	.190
KW-1250N	1-1/4	1-5/8	.190
KW-1375	1-3/8	1-3/4	.190
KW-1500	1-1/2	1-7/8	.190
KW-1625	1-5/8	2	.190
KW-1750	1-3/4	2-1/8	.190
KW-2000	2	2-3/8	.190
KW-2125	2-1/8	2-1/2	.190
KW-2250	2-1/4	2-3/4	.250
KW-2250-1	2-1/4	2-5/8	.187
KW-2450N	2.450	3	.281
KW-2500	2-1/2	3	.250
KW-2500N	2-1/2	3	.250
KW-2625	2-5/8	3-1/8	.250
KW-2750	2-3/4	3-1/4	.250
KW-3000	3	3-1/2	.250
KW-3000N	3	3-1/2	.250
KW-3125N	3-1/8	3-5/8	.250
KW-3250	3-1/4	3-3/4	.250
KW-3375	3-3/8	3-7/8	.250
KW-3450N	3.450	4	.243
KW-3500	3-1/2	4	.250
KW-3500-2	3-1/2	3-7/8	.190
KW-3750	3-3/4	4-1/4	.250
KW-3950N	3.95	4.45	.250
KW-4000	4	4-1/2	.250
KW-4060	4-1/16	4-9/16	.250

DMR Part Number	A - Rod Diameter	B - Groove I.D.	C - Base Thickness
KW-4500	4-1/2	5	.250
KW-4500N	4-1/2	5	.250
KW-4750N	4-3/4	5-1/4	.255
KW-4875	4-7/8	5-3/8	.250
KW-5000	5	5-1/2	.250
KW-5250N	5-1/4	5-3/4	.250
KW-5375	5-3/8	5-7/8	.250
KW-6000	6	6-1/2	.250
KW-7000	7	7-1/2	.250
KW-8000	8	8-1/2	.255
KW-8000N	8	8-1/2	.255
KW-8125	8-1/8	8.63	.255
KW-9125	9-1/8	9.63	.255
KW-9375	9-3/8	9.89	.255