

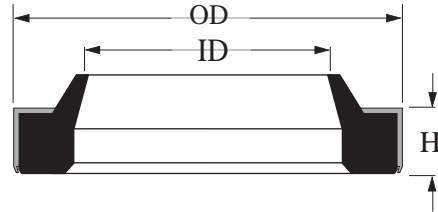
Metal Clad Wipers

Ordering Information









Part Number: Prefix - ID X OD X H

Example: MCW - 12 X 20 X 4

Sizes and styles are in stock where prices are shown.



METRIC - WIPERS

Styles	ID	OD	H	MCKB	MCKBI	MCW	MCWA	MCWE	MCWI	MCWN	MCWS
 MCKB Wiper: Nitrile 70 Temp: -20 to +250° F	12.0	20.0	4.0			\$ 7.42					
	16.0	22.0	3.0							\$ 3.26	
	18.0	28.0	7.0					\$ 3.56			
	20.0	26.0	5.0							4.33	
	20.0	28.0	3.5					7.12			
 MCKBI Wiper: Urethane Temp: -30 to +220° F	20.0	30.0	4.0			7.46					
	20.0	30.0	5.0					8.14			
	20.0	30.0	7.0					9.48			
	20.0	32.0	6.0	\$ 10.40		8.35					
	22.0	32.0	6.0					11.13			
 MCW Wiper: Urethane Temp: -30 to +220° F	22.0	34.0	6.0	11.13							
	25.0	35.0	5.0					11.07			
	25.0	35.0	7.0			11.13					
	25.0	37.0	6.0	10.56	\$ 4.72	10.56					
	28.0	38.0	5.0			11.29					
 MCWA Wiper: Urethane Temp: -30 to +220° F	28.0	38.0	7.0			11.29					
	30.0	40.0	5.0					11.18			
	30.0	40.0	7.0					12.18			
	30.0	42.0	6.0	10.56	10.56	10.56					
	30.0	45.0	7.0			12.67					
 MCWE Wiper: Urethane Temp: -40 to +230° F	30.0	47.0	7.0	14.97							
	32.0	42.0	7.0					12.39			\$ 7.54
	32.0	44.0	7.0			13.71					
	32.0	45.0	5.0					9.98			
	32.0	45.0	7.0			12.86		12.30			
 MCWI Wiper: Urethane Temp: -30 to +220° F	32.0	52.0	8.0			17.85					
	33.0	43.0	7.0					12.39			
	35.0	45.0	7.0					12.48			
	35.0	47.0	7.0	11.13	11.13	11.13				2.17	
	35.0	50.0	9.0						\$ 9.39		
 MCWN Wiper: Nitrile Temp: -30 to +220° F	35.0	48.0	7.0	20.16							
	36.0	45.0	7.0			13.83					
	36.0	46.0	7.0					12.60			
	38.0	50.0	7.0			18.72				7.50	
	40.0	50.0	3.18								
 MCWS Wiper: Urethane Temp: -30 to +220° F	40.0	50.0	7.0					12.74			14.24
	40.0	52.0	7.0	13.60	13.60	13.60					
	40.0	55.0	9.0						13.40		
	40.0	62.0	8.0	19.53							
	42.0	52.0	7.0					13.23			
	45.0	55.0	3.18						9.50		
	45.0	55.0	7.0					13.04			14.68

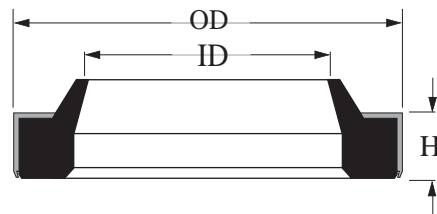
Metal Clad Wipers






Ordering Information

Part Number: Prefix - ID X OD X H

Example: MCW - 12 X 20 X 4

Sizes and styles are in stock where prices are shown.



Styles	ID	OD	H	MCKB	MCKBI	MCW	MCWA	MCWE	MCWI	MCWN	MCWS
 MCKB Wiper: Nitrile 70 Temp: -20 to +250° F	85.0	95.0	7.0					\$ 15.96			
	85.0	99.0	8.0	\$ 31.59	\$ 31.59	\$ 31.59			\$ 9.11		
	85.0	100.0	8.0				\$ 18.25				
	90.0	100.0	7.0				19.43	16.70	20.78		
	90.0	104.0	8.0	34.16	34.16	34.16			9.11		
 MCKBI Wiper: Urethane Temp: -30 to +220° F	90.0	105.0	6.0						31.54		
	90.0	105.0	7.0						32.53		
	90.0	106.0	8.0						21.94		
	90.0	110.0	7.0						32.75		
	95.0	104.0	8.0						10.94		
 MCW Wiper: Urethane Temp: -30 to +220° F	95.0	105.0	7.0					19.43			
	95.0	109.0	8.0	34.93	34.50	34.93					
	100.0	110.0	7.0					18.00			
	100.0	114.0	8.0	35.86	35.86	35.86			11.67		
	100.0	115.0	7.0						22.50		
 MCWA Wiper: Urethane Temp: -30 to +220° F	100.0	116.0	8.0						27.17		
	105.0	115.0	7.0					25.20			
	105.0	119.0	9.0			36.49					
	105.0	121.0	9.0		34.65	34.65			13.11		
	110.0	120.0	7.0					28.35			
 MCWE Wiper: Urethane Temp: -40 to +230° F	110.0	125.0	8.0						34.86		
	110.0	126.0	9.0		36.73	36.73			14.17		
	110.0	130.0	8.0						35.11		
	110.0	130.0	10.0						35.60		
	115.0	125.0	7.0					31.61			
 MCWI Wiper: Urethane Temp: -30 to +220° F	115.0	131.0	9.0			32.50					
	120.0	130.0	7.0					34.71			
	120.0	136.0	9.0		40.20	40.20					
	125.0	140.0	9.0						44.06		
	130.0	146.0	9.0		44.00	44.00			21.11		
 MCWN Wiper: Nitrile Temp: -30 to +220° F	140.0	160.0	10.0		45.08	45.08					
	150.0	165.0	9.0							\$ 21.88	
	150.0	170.0	10.0		47.25	47.25					
	160.0	180.0	10.0		58.28	58.28					
	170.0	190.0	10.0		65.00						
 MCWS Wiper: Urethane Temp: -30 to +220° F	180.0	200.0	10.0		153.33						

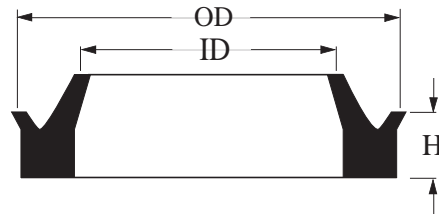
Snap-In Wipers







Ordering Information

Part Number: Prefix - ID X OD X H

Example: MSWH - 11.2 X 19.2 X 4.5

Sizes and styles are in stock where prices are shown.



Styles	ID	OD	H	MDK	MSW	MSWE	MSWH	MSWP	MWSCK
 MDK Wiper: Buna - N Temp: -30 to +220° F	42.0	50.0	4.0					\$ 3.06	
	42.0	51.0	4.5				\$ 12.08		
	45.0	53.0	4.0					4.80	
	45.0	53.0	5.0			\$ 4.73	2.82		
	45.0	55.0	6.0		\$ 3.07				
	46.0	54.0	4.0			11.70			
 MSW Wiper: Urethane Temp: -30 to +220° F	50.0	58.0	4.0					5.37	
	50.0	58.0	5.0				3.08	4.72	
	50.0	59.0	3.6	\$ 6.64			4.95		
	50.0	60.0	2.15				11.47		
	50.0	60.0	6.0		3.49				
	50.0	62.0	7.0						\$ 17.00
 MSWE Wiper: Urethane Temp: -30 to +220° F	53.0	61.0	5.0				3.23		
	55.0	63.0	4.0					5.62	
	55.0	63.0	5.0	14.06	9.39	5.80	3.35		
	55.0	65.0	2.15						
	55.0	65.0	6.0		4.35				
	56.0	64.0	4.0					5.62	
 MSWH Wiper: Urethane Temp: -30 to +220° F	56.0	64.0	5.0				3.35		
	56.0	66.0	6.3			7.53			
	60.0	68.0	4.0					5.62	
	60.0	68.0	5.0			6.56	3.57		
	60.0	73.0	7.0		4.53				
	63.0	71.0	4.0					5.87	
 MSWP Wiper: Urethane Temp: -30 to +220° F	63.0	71.0	5.0				3.57		
	63.0	71.6	5.0			8.46			
	63.0	73.0	2.15	8.50					
	63.0	73.0	6.3			8.46			
	65.0	73.0	4.0					5.87	
	65.0	73.0	5.0			7.90	3.57		
 MWSCK Wiper: Nitrile Temp: -40 to +210° F	65.0	79.0	7.0		4.69				
	67.0	75.0	5.0				3.57		
	70.0	78.0	4.0					8.22	
	70.0	78.0	5.0			7.90			
	70.0	80.0	2.15	12.58					
	70.0	80.0	5.5				6.30		
	70.0	80.0	6.0				4.45		
	70.0	80.0	6.3					8.58	
	70.0	83.0	7.0		5.02				
	71.0	81.0	6.0				4.45		
	74.0	87.0	3.3	5.73					

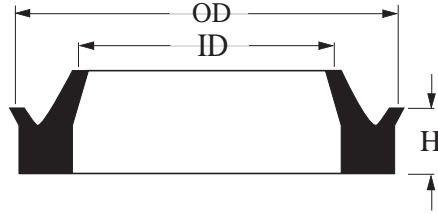
Snap-In Wipers







Ordering Information

Part Number: Prefix - ID X OD X H

Example: MSWH - 11.2 X 19.2 X 4.5

Sizes and styles are in stock where prices are shown.



Styles	ID	OD	H	MDK	MSW	MSWE	MSWH	MSWP	MWSCK
 MDK Wiper: Buna - N Temp: -30 to +220° F	75.0	83.0	4.0					\$ 6.55	
	75.0	83.0	5.0			\$ 8.06			
	75.0	85.0	6.0				\$ 4.72		
	75.0	88.0	7.0		\$ 5.57				
	78.0	86.0	5.0			8.00			
 MSW Wiper: Urethane Temp: -30 to +220° F	80.0	88.0	4.0					6.71	
	80.0	88.0	5.0			15.94			
	80.0	90.0	2.15	\$ 10.82					
	80.0	90.0	6.0				4.72		
	80.0	90.0	6.3					8.95	
	80.0	92.0	7.0			11.22			
	80.0	93.0	7.0		5.57				
	85.0	93.0	4.0					7.30	
 MSWE Wiper: Urethane Temp: -30 to +220° F	85.0	95.0	6.0				4.89		
	85.0	98.0	7.0		8.41				
	90.0	98.0	4.0					7.55	
	90.0	98.0	5.0			9.50			
	90.0	100.0	2.15	16.31					
	90.0	100.0	6.0				5.27		
	90.0	100.0	6.3			10.29			
 MSWH Wiper: Urethane Temp: -30 to +220° F	90.0	102.0	7.1				3.95		
	90.0	103.0	7.0		8.41				
	95.0	107.0	7.0			10.00			
	95.0	108.0	7.0		11.52				
	98.0	108.0	6.0				6.92		
	100.0	108.0	4.0					8.42	
 MSWP Wiper: Urethane Temp: -30 to +220° F	100.0	110.0	2.15	13.67					
	100.0	110.0	6.0				7.66		
	100.0	113.0	7.0		11.52				
	100.0	115.0	9.5			11.94			
	105.0	113.0	5.0			11.44			
	110.0	122.0	7.0			12.00			
	110.0	123.0	7.0		12.47				
	112.0	122.0	6.0				8.51		
	120.0	128.0	5.0			13.46			
	120.0	132.0	7.0			13.00			
 MWSCK Wiper: Nitrile Temp: -40 to +210° F	120.0	133.0	7.0		12.42				
	125.0	137.0	7.0			13.20			
	125.0	138.0	7.0				9.22		
	130.0	142.0	7.0			14.10			
	136.0	149.0	7.0				9.99		
	140.0	148.0	5.0			16.58			

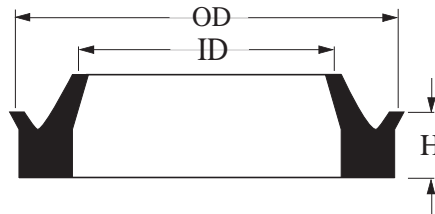
Snap-In Wipers







Ordering Information

Part Number: Prefix - ID X OD X H

Example: MSWH - 11.2 X 19.2 X 4.5

Sizes and styles are in stock where prices are shown.



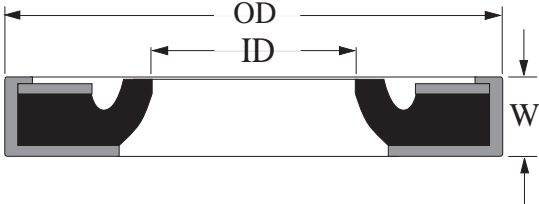
<i>Styles</i>	ID	OD	H	MDK	MSW	MSWE	MSWH	MSWP	MWSCK
 <p>MDK</p> <p>Wiper: Buna - N Temp: -30 to +220° F</p>	140.0	150.0	2.15	\$ 18.93					
	140.0	152.0	5.5					\$ 23.33	
	140.0	153.0	7.0				\$ 10.15		
	145.0	158.0	7.0				10.15		
	160.0	168.0	5.0			\$ 27.18			
	160.0	174.0	7.0				11.36		
	200.0	220.0	10.0			92.62			
 <p>MSW</p> <p>Wiper: Urethane Temp: -30 to +220° F</p>									
 <p>MSWE</p> <p>Wiper: Urethane Temp: -30 to +220° F</p>									
 <p>MSWH</p> <p>Wiper: Urethane Temp: -30 to +220° F</p>									
 <p>MSWP</p> <p>Wiper: Urethane Temp: -30 to +220° F</p>									
 <p>MWSCK</p> <p>Wiper: Nitrile Temp: -40 to +210° F</p>									

Link Pin Dust Seals

Ordering Information

Part Number: Prefix - ID X OD X W

Example: MDS - 45 X 55 X 4



Sizes are in stock where prices are shown.

Assembled in a sturdy steel case with a tough polyurethane lip, these seals are used to seal out dirt and contaminants from link pins on cylinder end attachments. This item is found extensively on Japanese hydraulic cylinders.

Styles

MDS

Seal:	Urethane
Case:	Steel
Temperature:	-30 to +220° F

ID	OD	W	MDS
35.0	45.0	4.0	\$ 2.25
45.0	55.0	4.0	3.00
50.0	60.0	4.0	3.38
50.0	65.0	6.0	3.88
55.0	68.0	4.0	4.50
60.0	75.0	4.0	4.75
65.0	80.0	4.0	5.50
70.0	85.0	4.0	6.00
70.0	85.0	6.0	6.13
75.0	90.0	4.0	6.75
80.0	95.0	4.0	7.50
80.0	95.0	6.0	9.50
85.0	100.0	4.0	9.63
90.0	105.0	4.0	9.88
95.0	110.0	4.0	10.50
100.0	115.0	4.0	11.50
100.0	120.0	4.0	12.50
110.0	125.0	4.0	13.50
120.0	135.0	4.0	15.75