



HYDROWYPE

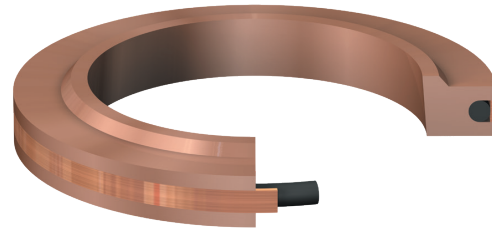
A-SERIES, AR-STYLE (MS28776R2) MIL-SPEC SCRAPERS

A-Series, AR-Style scrapers are manufactured to conform to MS28776R2 I/A/W MIL-R-5049. The AR-Style provides a scraping body with a narrow groove accommodating an o-ring (conformant to MIL-P-83461) retained by a copper-alloy band.

The following certification levels are offered:

1. Manufacturer Certificate of Conformance (CoC).
2. Material and Process certificates plus CoC.
3. Full conformance report (MIL-STD-831 format) plus material, process and manufacturers certs.

Please identify certification requirements that time of requesting a quote and placing order.



Available materials based on style.
Contact MFP Seals for detailed information.

AR (MS28776R2)

HYDROWYPE PART NUMBER

AR-01-C/
SEAL TYPE DASH# FINISH O-RING COMPOUND**

FINISH DESIGNATION

B = UNFINISHED* N = NICKEL
C = CADMIUM (Standard) Z = ZINC

Scrapers are typically held in place by a Keeper/Follower plate or Retaining Ring.

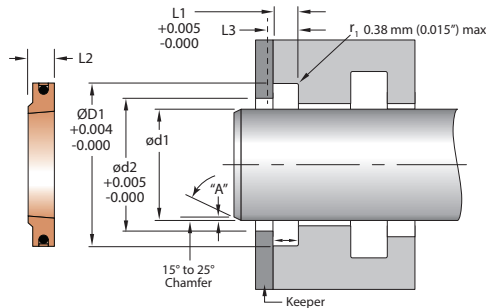
Groove dimensions in accordance with MS33675.

Rod diameter in conformance with MIL-G-5514 Rev. G.

*Unfinished parts are susceptible to oxidation and should not be stored for long periods without appropriate treatment. Parts will be shipped in plastic bags with light coating of machine oil to prevent corrosion.

**For a list of available elastomeric compounds for o-rings, please refer to page 45 & 46.

For MIL-SPEC certification see MIL-P-83461.



PART NUMBER	ROD APPLICATION				
	ød1	ØD1	ød2	L1	L3
.105" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-01	0.500	0.760	0.647	0.104	0.136
AR-02	0.563	0.823	0.710	0.104	0.136
AR-03	0.625	0.885	0.772	0.104	0.136
AR-04	0.688	0.948	0.834	0.104	0.136
AR-05	0.750	1.010	0.897	0.104	0.136
AR-06	0.813	1.052	0.949	0.104	0.136
AR-07	0.875	1.114	1.012	0.104	0.136
AR-08	0.938	1.177	1.074	0.104	0.136
AR-09	1.000	1.239	1.136	0.104	0.136
AR-10	1.063	1.302	1.199	0.104	0.136
AR-11	1.125	1.364	1.262	0.104	0.136
AR-12	1.188	1.427	1.324	0.104	0.136
AR-13	1.250	1.489	1.386	0.104	0.136
AR-14	1.313	1.614	1.480	0.104	0.136
AR-15	1.375	1.677	1.542	0.104	0.135
AR-16	1.438	1.739	1.605	0.104	0.135
AR-17	1.500	1.802	1.668	0.104	0.135
AR-18	1.625	1.927	1.793	0.104	0.135
AR-19	1.750	2.052	1.918	0.104	0.135
AR-20	1.875	2.177	2.043	0.104	0.135

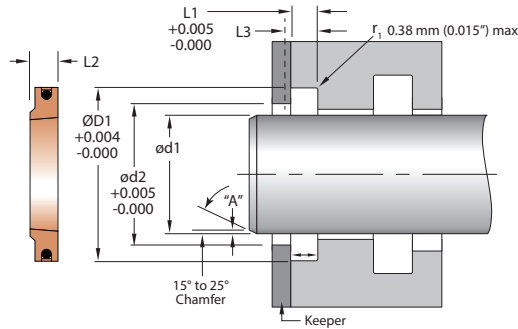
ROD SCRAPERS



A-Series, AR-Style Rod Scraper (MS28776R2)

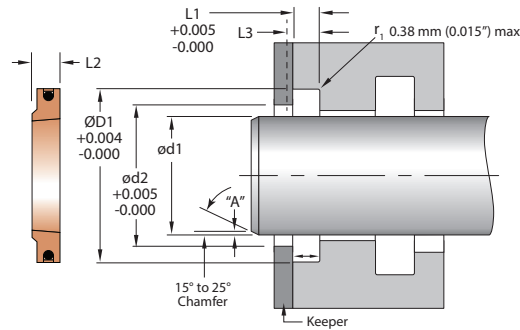
Medium Duty

AR (MS28776R2)



ROD SCRAPERS

PART NUMBER	ROD APPLICATION				
	ød1	ØD1	ød2	L1	L3
.104" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-21	2.000	2.302	2.178	0.104	0.135
AR-22	2.125	2.427	2.303	0.104	0.135
AR-23	2.250	2.552	2.428	0.104	0.135
AR-24	2.375	2.677	2.553	0.104	0.135
AR-25	2.500	2.802	2.678	0.104	0.135
.119" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-26	2.625	2.989	2.834	0.119	0.150
AR-27	2.750	3.114	2.959	0.119	0.150
AR-28	2.875	3.239	3.084	0.119	0.150
AR-29	3.000	3.364	3.209	0.119	0.150
AR-30	3.125	3.489	3.334	0.119	0.150
AR-31	3.250	3.614	3.459	0.119	0.150
AR-32	3.375	3.739	3.584	0.119	0.150
AR-33	3.500	3.864	3.709	0.119	0.150
AR-34	3.625	3.989	3.834	0.119	0.150
AR-35	3.750	4.114	3.959	0.119	0.150
AR-36	3.875	4.239	4.084	0.119	0.150
.135" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-37	4.000	4.427	4.240	0.135	0.166
AR-38	4.125	4.552	4.365	0.135	0.166
AR-39	4.250	4.677	4.490	0.135	0.166
AR-40	4.375	4.802	4.615	0.135	0.166
AR-41	4.500	4.927	4.740	0.135	0.166
AR-42	4.625	5.052	4.865	0.135	0.166
AR-43	4.750	5.177	4.990	0.135	0.166
AR-44	4.875	5.302	5.115	0.135	0.166
AR-45	5.000	5.427	5.240	0.135	0.166
AR-46	5.125	5.552	5.365	0.135	0.166
AR-47	5.250	5.677	5.490	0.135	0.166
AR-48	5.375	5.802	5.615	0.135	0.166
AR-49	5.500	5.927	5.740	0.135	0.166
.151" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-50	5.625	6.114	5.896	0.151	0.182
AR-51	5.750	6.239	6.022	0.151	0.182
AR-52	5.875	6.364	6.146	0.151	0.182



AR (MS28776R2)

PART NUMBER	ROD APPLICATION				
	ød1	ØD1	ød2	L1	L3
.151" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-53	6.000	6.489	6.272	0.151	0.182
AR-54	6.250	6.739	6.522	0.151	0.182
AR-55	6.500	6.989	6.772	0.151	0.182
AR-56	6.750	7.239	7.022	0.151	0.182
AR-57	7.000	7.489	7.272	0.151	0.182
AR-58	7.250	7.739	7.522	0.151	0.182
AR-59	7.500	7.989	7.772	0.151	0.182
AR-60	7.750	8.239	8.022	0.151	0.182
AR-61	8.000	8.489	8.272	0.151	0.182
AR-62	8.500	8.989	8.772	0.151	0.182
AR-63	9.000	9.489	9.272	0.151	0.182
AR-64	9.500	9.989	9.772	0.151	0.182
AR-65	10.000	10.489	10.272	0.151	0.182
AR-66	10.500	10.989	10.772	0.151	0.182
AR-67	11.000	11.489	11.272	0.151	0.182
.166" - GROOVE	NOMINAL	+0.004/-0.000	+0.005/-0.000	+0.005/-0.000	+0.005/-0.000
AR-68	11.500	11.989	11.772	0.166	0.197
AR-69	12.000	12.489	12.272	0.166	0.197
AR-70	12.500	12.989	12.772	0.166	0.197
AR-71	13.000	13.489	13.272	0.166	0.197

ROD SCRAPERS