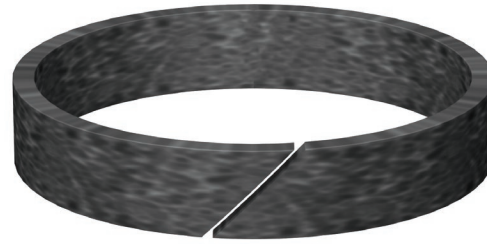
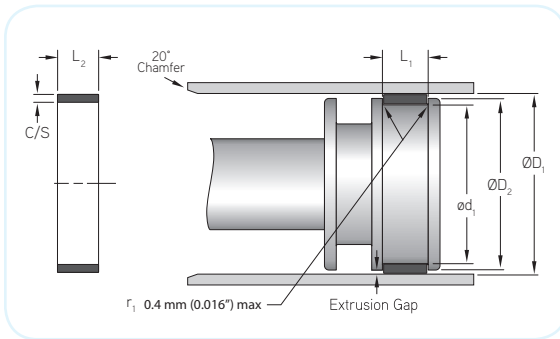


WR - M1005 Tight Tolerance Piston Guide Rings

MFP Seals' M1005 Tight Tolerance Piston Guide Rings are made from glass-reinforced nylon. These guide rings eliminate metal to metal contact and the consequent galling and scoring of cylinder bores. Guide rings are supplied scarf cut, for easy installation. They are also available butt cut or step cut, upon request.



For sizes not listed please contact your MFP Seals' Sales Representative.



MFP PART NUMBERS

WR01125X375X125M1005-SC

SEAL TYPE	ØD1	L2	COMPOUND	CUT
		CROSS SECTION		

Max. Velocity: 2.2 m/s (7.2 ft./s) Surface Finish: Ra 0.1 to 0.4 µm (4 to 16 µin.)

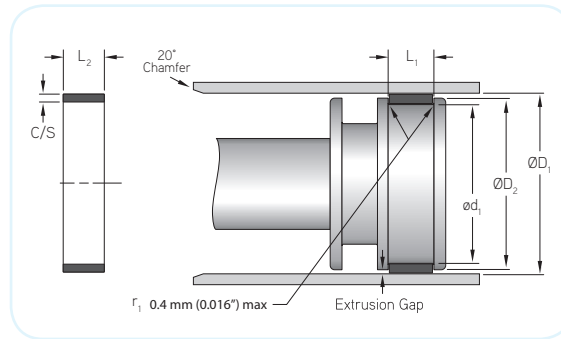
MFP PART NUMBER	PISTON APPLICATION					
	ØD1	ød1	ØD2	L1	L2	C/S
TOLERANCE	+0.002/-0.000	+0.000/-0.002	+0.000/-0.002	+0.010/-0.000		+0.000/-0.002
WR01125X375X125M1005-SC	1.125	0.874	1.108	0.385	0.375	0.125
WR01250X250X125M1005-SC	1.250	0.999	1.233	0.260	0.250	0.125
WR01250X500X125M1005-SC	1.250	0.999	1.233	0.510	0.500	0.125
WR01250X750X125M1005-SC	1.250	0.999	1.233	0.760	0.750	0.125
WR01500X250X125M1005-SC	1.500	1.249	1.483	0.260	0.250	0.125
WR01500X375X125M1005-SC	1.500	1.249	1.483	0.385	0.375	0.125
WR01500X500X125M1005-SC	1.500	1.249	1.483	0.510	0.500	0.125
WR01500X750X125M1005-SC	1.500	1.249	1.483	0.760	0.750	0.125
WR01750X375X125M1005-SC	1.750	1.499	1.733	0.385	0.375	0.125
WR01750X500X125M1005-SC	1.750	1.499	1.733	0.510	0.500	0.125
WR01750X750X125M1005-SC	1.750	1.499	1.733	0.760	0.750	0.125
WR01750X1000X125M1005-SC	1.750	1.499	1.733	1.010	1.000	0.125
WR01875X500X125M1005-SC	1.875	1.624	1.858	0.510	0.500	0.125
WR01875X750X125M1005-SC	1.875	1.624	1.858	0.760	0.750	0.125
WR02000X250X125M1005-SC	2.000	1.749	1.983	0.260	0.250	0.125
WR02000X375X125M1005-SC	2.000	1.749	1.983	0.385	0.375	0.125
WR02000X500X125M1005-SC	2.000	1.749	1.983	0.510	0.500	0.125
WR02000X625X125M1005-SC	2.000	1.749	1.983	0.635	0.625	0.125
WR02000X750X125M1005-SC	2.000	1.749	1.983	0.760	0.750	0.125
WR02000X1000X125M1005-SC	2.000	1.749	1.983	1.010	1.000	0.125
WR02250X187X125M1005-SC	2.250	1.999	2.233	0.197	0.187	0.125
WR02250X375X125M1005-SC	2.250	1.999	2.233	0.385	0.375	0.125

WR - M1005

WEAR RINGS

WR - Tight Tolerance Piston Guide Ring - M1005

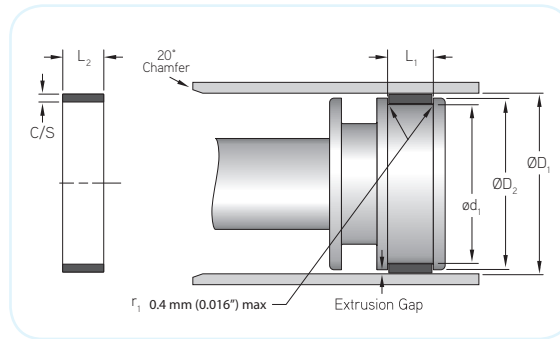
A product of MFP Seals.



MFP PART NUMBER	PISTON APPLICATION					
	ØD1	ød1	ØD2	L1	L2	C/S
TOLERANCE	+0.002/-0.000	+0.000/-0.002	+0.000/-0.002	+0.010/-0.000		+0.000/-0.002
WR02250X500X125M1005-SC	2.250	1.999	2.233	0.510	0.500	0.125
WR02250X625X125M1005-SC	2.250	1.999	2.233	0.635	0.625	0.125
WR02250X750X125M1005-SC	2.250	1.999	2.233	0.760	0.750	0.125
WR02250X875X125M1005-SC	2.250	1.999	2.233	0.885	0.875	0.125
WR02250X1000X125M1005-SC	2.250	1.999	2.233	1.010	1.000	0.125
WR02500X250X125M1005-SC	2.500	2.249	2.483	0.260	0.250	0.125
WR02500X375X125M1005-SC	2.500	2.249	2.483	0.385	0.375	0.125
WR02500X500X125M1005-SC	2.500	2.249	2.483	0.510	0.500	0.125
WR02500X625X125M1005-SC	2.500	2.249	2.483	0.635	0.625	0.125
WR02500X750X125M1005-SC	2.500	2.249	2.483	0.760	0.750	0.125
WR02500X1000X125M1005-SC	2.500	2.249	2.483	1.010	1.000	0.125
WR02500X1250X125M1005-SC	2.500	2.249	2.483	1.260	1.250	0.125
WR02625X1000X125M1005-SC	2.625	2.374	2.608	1.010	1.000	0.125
WR02750X375X125M1005-SC	2.750	2.499	2.733	0.385	0.375	0.125
WR02750X500X125M1005-SC	2.750	2.499	2.733	0.510	0.500	0.125
WR02750X625X125M1005-SC	2.750	2.499	2.733	0.635	0.625	0.125
WR02750X750X125M1005-SC	2.750	2.499	2.733	0.760	0.750	0.125
WR02750X1000X125M1005-SC	2.750	2.499	2.733	1.010	1.000	0.125
WR02750X1500X125M1005-SC	2.750	2.499	2.733	1.510	1.500	0.125
WR03000X375X125M1005-SC	3.000	2.749	2.983	0.385	0.375	0.125
WR03000X500X125M1005-SC	3.000	2.749	2.983	0.510	0.500	0.125
WR03000X625X125M1005-SC	3.000	2.749	2.983	0.635	0.625	0.125
WR03000X750X125M1005-SC	3.000	2.749	2.983	0.760	0.750	0.125
WR03000X1000X125M1005-SC	3.000	2.749	2.983	1.010	1.000	0.125
WR03250X375X125M1005-SC	3.250	2.999	3.233	0.385	0.375	0.125
WR03250X500X125M1005-SC	3.250	2.999	3.233	0.510	0.500	0.125
WR03250X625X125M1005-SC	3.250	2.999	3.233	0.635	0.625	0.125
WR03250X750X125M1005-SC	3.250	2.999	3.233	0.760	0.750	0.125
WR03250X1000X125M1005-SC	3.250	2.999	3.233	1.010	1.000	0.125
WR03250X1500X125M1005-SC	3.250	2.999	3.233	1.510	1.500	0.125
WR03500X250X125M1005-SC	3.500	3.249	3.483	0.260	0.250	0.125
WR03500X375X125M1005-SC	3.500	3.249	3.483	0.385	0.375	0.125
WR03500X500X125M1005-SC	3.500	3.249	3.483	0.510	0.500	0.125
WR03500X625X125M1005-SC	3.500	3.249	3.483	0.635	0.625	0.125
WR03500X750X125M1005-SC	3.500	3.249	3.483	0.760	0.750	0.125

WR - M1005

WEAR RINGS

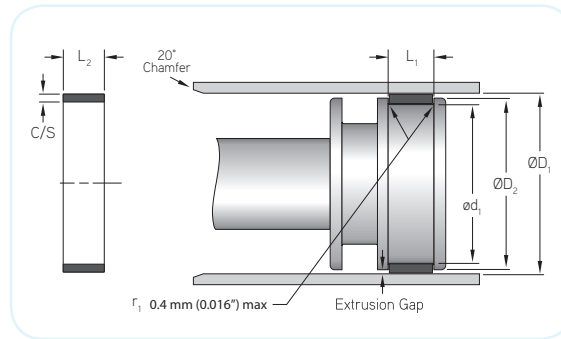


MFP PART NUMBER	PISTON APPLICATION					
	ØD1	ød1	ØD2	L1	L2	C/S
TOLERANCE	+0.002/-0.000	+0.000/-0.002	+0.000/-0.002	+0.010/-0.000		+0.000/-0.002
WR03500X1000X125M1005-SC	3.500	3.249	3.483	1.010	1.000	0.125
WR03750X250X125M1005-SC	3.750	3.499	3.733	0.260	0.250	0.125
WR03750X500X125M1005-SC	3.750	3.499	3.733	0.510	0.500	0.125
WR03750X750X125M1005-SC	3.750	3.499	3.733	0.760	0.750	0.125
WR03750X1000X125M1005-SC	3.750	3.499	3.733	1.010	1.000	0.125
WR04000X375X125M1005-SC	4.000	3.749	3.983	0.385	0.375	0.125
WR04000X500X125M1005-SC	4.000	3.749	3.983	0.510	0.500	0.125
WR04000X625X125M1005-SC	4.000	3.749	3.983	0.635	0.625	0.125
WR04000X750X125M1005-SC	4.000	3.749	3.983	0.760	0.750	0.125
WR04000X875X125M1005-SC	4.000	3.749	3.983	0.885	0.875	0.125
WR04000X1000X125M1005-SC	4.000	3.749	3.983	1.010	1.000	0.125
WR04000X1250X125M1005-SC	4.000	3.749	3.983	1.260	1.250	0.125
WR04000X2000X125M1005-SC	4.000	3.749	3.983	2.010	2.000	0.125
WR04250X250X125M1005-SC	4.250	3.999	4.233	0.260	0.250	0.125
WR04250X500X125M1005-SC	4.250	3.999	4.233	0.510	0.500	0.125
WR04250X625X125M1005-SC	4.250	3.999	4.233	0.635	0.625	0.125
WR04250X750X125M1005-SC	4.250	3.999	4.233	0.760	0.750	0.125
WR04250X1000X125M1005-SC	4.250	3.999	4.233	1.010	1.000	0.125
WR04500X375X125M1005-SC	4.500	4.249	4.483	0.385	0.375	0.125
WR04500X500X125M1005-SC	4.500	4.249	4.483	0.510	0.500	0.125
WR04500X625X125M1005-SC	4.500	4.249	4.483	0.635	0.625	0.125
WR04500X1000X125M1005-SC	4.500	4.249	4.483	1.010	1.000	0.125
WR04750X500X125M1005-SC	4.750	4.499	4.733	0.510	0.500	0.125
WR04750X750X125M1005-SC	4.750	4.499	4.733	0.760	0.750	0.125
WR04750X1000X125M1005-SC	4.750	4.499	4.733	1.010	1.000	0.125
TOLERANCE	+0.004/-0.000	+0.000/-0.003	+0.000/-0.003	+0.010/-0.000		+0.000/-0.002
WR05000X375X125M1005-SC	5.000	4.749	4.982	0.385	0.375	0.125
WR05000X500X125M1005-SC	5.000	4.749	4.982	0.510	0.500	0.125
WR05000X625X125M1005-SC	5.000	4.749	4.982	0.635	0.625	0.125
WR05000X750X125M1005-SC	5.000	4.749	4.982	0.760	0.750	0.125
WR05000X1000X125M1005-SC	5.000	4.749	4.982	1.010	1.000	0.125
WR05000X1250X125M1005-SC	5.000	4.749	4.982	1.260	1.250	0.125
WR05000X1500X125M1005-SC	5.000	4.749	4.982	1.510	1.500	0.125
WR05250X500X125M1005-SC	5.250	4.999	5.232	0.510	0.500	0.125
WR05250X625X125M1005-SC	5.250	4.999	5.232	0.635	0.625	0.125

WR - Tight Tolerance Piston Guide Ring - M1005

MFPSEALS®

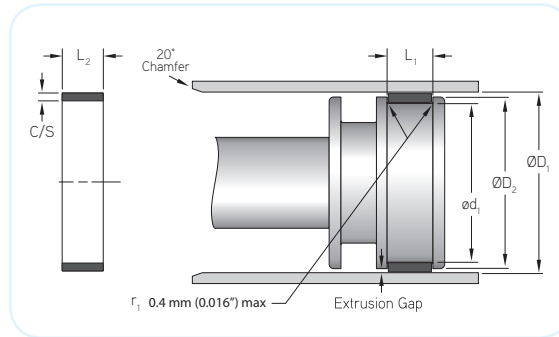
A product of MFP Seals.



MFP PART NUMBER	PISTON APPLICATION					
	ØD1	ød1	ØD2	L1	L2	C/S
TOLERANCE	+0.004/-0.000	+0.000/-0.003	+0.000/-0.003	+0.010/-0.000		+0.000/-0.002
WR05250X750X125M1005-SC	5.250	4.999	5.232	0.760	0.750	0.125
WR05250X1000X125M1005-SC	5.250	4.999	5.232	1.010	1.000	0.125
WR05250X1500X125M1005-SC	5.250	4.999	5.232	1.510	1.500	0.125
WR05375X500X125M1005-SC	5.375	5.124	5.357	0.510	0.500	0.125
WR05500X375X125M1005-SC	5.500	5.249	5.482	0.385	0.375	0.125
WR05500X500X125M1005-SC	5.500	5.249	5.482	0.510	0.500	0.125
WR05500X625X125M1005-SC	5.500	5.249	5.482	0.635	0.625	0.125
WR05500X750X125M1005-SC	5.500	5.249	5.482	0.760	0.750	0.125
WR05500X1000X125M1005-SC	5.500	5.249	5.482	1.010	1.000	0.125
WR05750X500X125M1005-SC	5.750	5.499	5.732	0.510	0.500	0.125
WR05750X750X125M1005-SC	5.750	5.499	5.732	0.760	0.750	0.125
WR05750X1000X125M1005-SC	5.750	5.499	5.732	1.010	1.000	0.125
WR05750X1250X125M1005-SC	5.750	5.499	5.732	1.260	1.250	0.125
TOLERANCE	+0.004/-0.000	+0.000/-0.003	+0.000/-0.003	+0.010/-0.000		+0.000/-0.003
WR06000X500X125M1005-SC	6.000	5.749	5.980	0.510	0.500	0.125
WR06000X625X125M1005-SC	6.000	5.749	5.980	0.635	0.625	0.125
WR06000X750X125M1005-SC	6.000	5.749	5.980	0.760	0.750	0.125
WR06000X1000X125M1005-SC	6.000	5.749	5.980	1.010	1.000	0.125
WR06000X1250X125M1005-SC	6.000	5.749	5.980	1.260	1.250	0.125
WR06250X500X125M1005-SC	6.250	5.999	6.230	0.510	0.500	0.125
WR06250X625X125M1005-SC	6.250	5.999	6.230	0.635	0.625	0.125
WR06250X750X125M1005-SC	6.250	5.999	6.230	0.760	0.750	0.125
WR06250X1000X125M1005-SC	6.250	5.999	6.230	1.010	1.000	0.125
WR06500X500X125M1005-SC	6.500	6.249	6.480	0.510	0.500	0.125
WR06500X625X125M1005-SC	6.500	6.249	6.480	0.635	0.625	0.125
WR06500X750X125M1005-SC	6.500	6.249	6.480	0.760	0.750	0.125
WR06500X1000X125M1005-SC	6.500	6.249	6.480	1.010	1.000	0.125
WR06500X1500X125M1005-SC	6.500	6.249	6.480	1.510	1.500	0.125
WR06750X500X125M1005-SC	6.750	6.499	6.730	0.510	0.500	0.125
WR06750X1000X125M1005-SC	6.750	6.499	6.730	1.010	1.000	0.125
WR07000X375X125M1005-SC	7.000	6.749	6.980	0.385	0.375	0.125
WR07000X500X125M1005-SC	7.000	6.749	6.980	0.510	0.500	0.125
WR07000X625X125M1005-SC	7.000	6.749	6.980	0.635	0.625	0.125
WR07000X750X125M1005-SC	7.000	6.749	6.980	0.760	0.750	0.125
WR07000X1000X125M1005-SC	7.000	6.749	6.980	1.010	1.000	0.125

WR - M1005

WEAR RINGS



MFP PART NUMBER	PISTON APPLICATION					
	ØD1	ød1	ØD2	L1	L2	C/S
TOLERANCE	+0.004/-0.000	+0.000/-0.003	+0.000/-0.003	+0.010/-0.000		+0.000/-0.003
WR07000X1500X125M1005-SC	7.000	6.749	6.980	1.510	1.500	0.125
WR07250X750X125M1005-SC	7.250	6.999	7.230	0.760	0.750	0.125
WR07250X1000X125M1005-SC	7.250	6.999	7.230	1.010	1.000	0.125
WR07500X500X125M1005-SC	7.500	7.249	7.480	0.510	0.500	0.125
WR07500X1000X125M1005-SC	7.500	7.249	7.480	1.010	1.000	0.125
WR07750X500X125M1005-SC	7.750	7.499	7.730	0.510	0.500	0.125
WR07750X750X125M1005-SC	7.750	7.499	7.730	0.760	0.750	0.125
TOLERANCE	+0.006/-0.000	+0.000/-0.004	+0.000/-0.004	+0.010/-0.000		+0.000/-0.003
WR08000X500X125M1005-SC	8.000	7.749	7.979	0.510	0.500	0.125
WR08000X625X125M1005-SC	8.000	7.749	7.979	0.635	0.625	0.125
WR08000X750X125M1005-SC	8.000	7.749	7.979	0.760	0.750	0.125
WR08000X1000X125M1005-SC	8.000	7.749	7.979	1.010	1.000	0.125
WR08000X1250X125M1005-SC	8.000	7.749	7.979	1.260	1.250	0.125
WR08000X1500X125M1005-SC	8.000	7.749	7.979	1.510	1.500	0.125
WR08000X2000X125M1005-SC	8.000	7.749	7.979	2.010	2.000	0.125

WR - M1005

WEAR RINGS