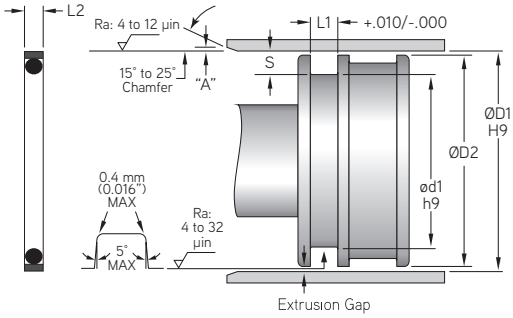
Step Cut - (2 PC.) Piston Seal

A product of MFP Seals.

MFPSEALS®
www.mfpseals.com

STEP CUT - (2 PC.) PISTON SEAL

Nylon® Step Cut Piston Rings are double acting seals which are easy to install and work well when traveling over ports. Oval expander included.





MFP PART NUMBER

SCP-20001M05N43

SEAL TYPE | ØD1 | SERIES | CAP MATERIAL | EXPANDER

Expander Material - N43 = N6143 Peroxide Cured NBR90
Cap Material - M05 = M1005 Glass Reinforced Nylon

Pressure: 690 bar (10,000 psi) **Max. Velocity:** 1.0 m/s (3 ft./s) **Max. E-Gap:** 0.030"

		PISTON APPLICATION				
MFP PART NUMBER	SERIES	ØD1	ød1	S	L2	L1
TOLERANCE		H9	h9		NOMINAL	+.010/-.000
SCP-20001M05N43	1	2.000	1.462	0.269	0.274	0.282
SCP-22501M05N43	1	2.250	1.712	0.269	0.274	0.282
SCP-25001M05N43	1	2.500	1.962	0.269	0.274	0.282
SCP-25005M05N43	5	2.500	1.908	0.296	0.306	0.312
SCP-27501M05N43	1	2.750	2.212	0.269	0.274	0.282
SCP-30002M05N43	2	3.000	2.442	0.279	0.274	0.282
SCP-30005M05N43	5	3.000	2.408	0.296	0.306	0.312
SCP-32502M05N43	2	3.250	2.692	0.279	0.274	0.282
SCP-35002M05N43	2	3.500	2.942	0.279	0.274	0.282
SCP-35005M05N43	5	3.500	2.908	0.296	0.306	0.312
SCP-37502M05N43	2	3.750	3.192	0.279	0.274	0.282
SCP-40002M05N43	2	4.000	3.442	0.279	0.274	0.282
SCP-40005M05N43	5	4.000	3.408	0.296	0.306	0.312
SCP-42502M05N43	2	4.250	3.692	0.279	0.274	0.282
SCP-45002M05N43	2	4.500	3.942	0.279	0.274	0.282
SCP-45005M05N43	5	4.500	3.908	0.296	0.306	0.312
SCP-45003M05N43	3	4.500	3.740	0.380	0.370	0.377
SCP-47502M05N43	2	4.750	4.192	0.279	0.274	0.282
SCP-50002M05N43	2	5.000	4.442	0.279	0.274	0.282
SCP-50003M05N43	3	5.000	4.240	0.380	0.370	0.377
SCP-52503M05N43	3	5.250	4.490	0.380	0.370	0.377
SCP-55003M05N43	3	5.500	4.740	0.380	0.370	0.377
SCP-60003M05N43	3	6.000	5.240	0.380	0.370	0.377
SCP-65003M05N43	3	6.500	5.740	0.380	0.370	0.377
SCP-70003M05N43	3	7.000	6.240	0.380	0.370	0.377
SCP-75003M05N43	3	7.500	6.740	0.380	0.370	0.377
SCP-80003M05N43	3	8.000	7.240	0.380	0.370	0.377
SCP-85003M05N43	3	8.500	7.740	0.380	0.370	0.377
SCP-90004M05N43	4	9.000	8.124	0.438	0.370	0.377
SCP-95004M05N43	4	9.500	8.624	0.438	0.370	0.377
SCP-100004M05N43	4	10.000	9.124	0.438	0.370	0.377
SCP-120004M05N43	4	12.000	11.124	0.438	0.370	0.377

Compound information available on pages 20-37.

Surface Finish: ISO 4287 & Chamfer Information on pages 7-9.
For ISO tolerance charts, refer to pages 12-13.