

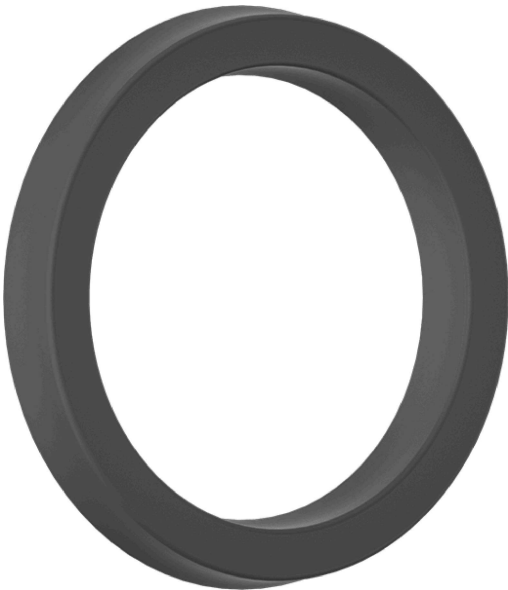
O-Ring-Loaded U-Cup Seal

for 0.206" Groove Width, 0.875" ID x 1.25" OD x 0.188" Wide

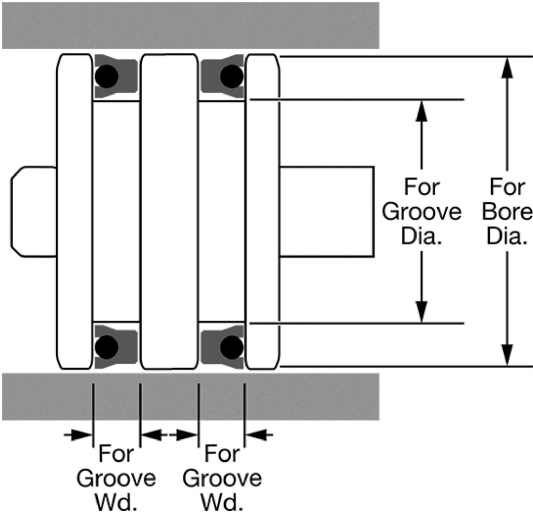
\$5.27 Each
9505K46



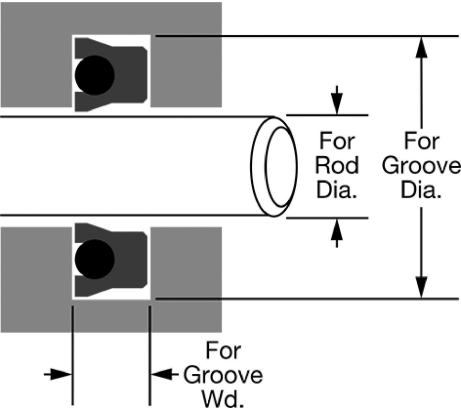
Profile



Cylinder Seal Type	Rod Seal, Piston Seal
For Cylinder Type	Hydraulic, Air-Powered
For Motion Type	Reciprocating
Material	Polyurethane Rubber
For Groove Width	0.206"
For Rod Sealing	
For Rod Diameter	7/8"
For Groove Diameter	1.250"
For Piston Sealing	
For Bore Diameter	1 1/4"
For Groove Diameter	0.875"
Seal ID	0.875"
OD	1.250"
Width	0.188"
Maximum Speed	1.6 feet/sec.
Maximum Pressure	5,000 psi
Temperature Range	-65° to 300° F
Hardness	Durometer 90A (Hard)
Color	Black
Loader Type	O-Ring
O-Ring	
Material	Buna-N Rubber
Hardness	Durometer 70A (Medium)
Color	Black
For Use With	Ammonia Animal Oils Boric Acid Butyl Alcohol



Piston Installation



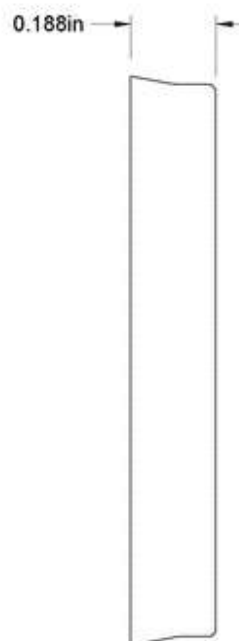
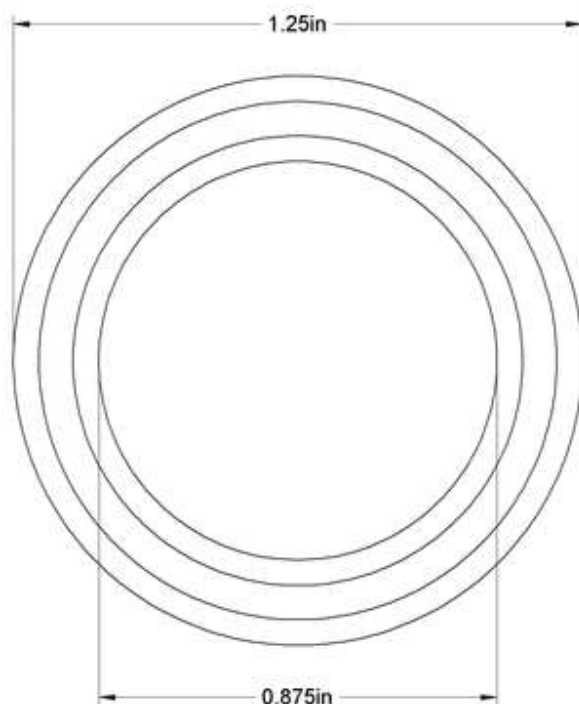
Rod Installation

Calcium Hydroxide
Citric Acid
Diluted Salt Solutions
Ethylene Glycol
Hydraulic Oils
Methanol
Mineral Oils
Motor Oils
Oils
Petroleum Fluids
Transmission Fluids


System of Measurement	Inch
RoHS	RoHS 3 (2015/863/EU) Compliant
REACH	REACH (EC 1907/2006) (06/14/2023, 235 SVHC) Compliant
DFARS	Specialty Metals COTS- Exempt
Country of Origin	Taiwan
Schedule B	392690.4500
ECCN	EAR99

Also known as loaded-lip seals and PolyPaks, an O-ring secures these U-cups to the rod or piston for better sealing performance at lower pressures than unsupported U-cup seals. Because U-cups have a sealing lip on both the inside and outside edges, they can be used for rod and piston sealing. Pistons require two seals—install one facing in each direction.

Note: Maximum performance values cannot be achieved simultaneously; for example, speed is affected by pressure, temperature, and other operating conditions.



For Bore Diameter: 1.25in, For Rod Diameter: 0.875in
 For Groove Diameter 1: 1.25in, For Groove Diameter 2: 0.875in
 For Groove Width: 0.206in

McMASTER-CARR 	PART NUMBER 9505K46
http://www.mcmaster.com © 2022 McMaster-Carr Supply Company <small>Information in this drawing is provided for reference only.</small>	O-Ring-Loaded U-Cup Seal

The information in this 3-D model is provided for reference only.