

# O-Ring Kits for AS568 & Metric Sizes



# fact sheet

## The Problem: Locating Parts

Locating replacement parts for equipment, maintenance, overhaul and repair can be a challenge. Seals in hydraulic and pneumatic components have the potential for hundreds, if not thousands, of different o-ring sizes. OEM part numbers are often missing, seal dimensions are unspecified or unknown, and the parts themselves are unavailable from the OEM or local supplier.

## The Solution: Parker O-Ring Kits

In response to the aftermarket need for seals, Parker has developed three o-ring replacement kits. Each kit contains the most popular sizes for a wide range of sealing applications. As a result, these kits provide multiple sealing solutions for the same cost as a single OEM replacement part.

The **Parker Boss Seal Kit** contains 20 standard tube fitting sizes, ranging from 3/32 to 2 inches, that are ideal for hydraulic fittings. For most U.S.-built equipment, **Parker AS568 Kit #1** contains 30 of the most commonly-used o-ring sizes for general applications. The rest of the world relies on **Parker Metric Kit #1**, which contains 32 of the most common metric o-ring sizes for compatibility with equipment made overseas.

## Materials

The standard materials supplied with AS568 Kits and Metric Kits are nitrile rubber compounds N1470-70 and N1490-90. N1470-70 is compatible with most petroleum-based oils, greases, hydraulic fluids up to 121°C (250°F), as well as water glycol hydraulic fluid up to 48°C (120°F). N1490-90 is normally supplied for hydraulic fittings but also suited for general purpose applications. For more demanding sealing conditions, Parker offers a wide variety of polymer families including EPDM, Fluorocarbon and many others.



*Parker Boss Kit contains 20 sizes for standard hydraulic fittings.*

## Parker Boss Kit Sizes

Size	Dimensions	Tube OD	Qty
3-901	0.185 x .056	3/32	10
3-902	0.239 x .064	1/8	10
3-903	0.301 x .064	3/16	10
3-904	0.351 x .072	1/4	10
3-905	0.414 x .072	5/16	12
3-906	0.468 x .078	3/8	12
3-907	0.530 x .082	7/16	12
3-908	0.644 x .087	1/2	12
3-909	0.706 x .097	9/16	12
3-910	0.755 x .097	5/8	12
3-911	0.863 x .116	11/16	10
3-912	0.924 x .116	3/4	10
3-913	0.986 x .116	13/16	10
3-914	1.047 x .116	7/8	10
3-916	1.171 x .116	1	10
3-918	1.355 x .116	1 1/8	10
3-920	1.475 x .118	1 1/4	10
3-924	1.720 x .118	1 1/2	10
3-928	2.090 x .118	1 3/4	10
3-932	2.337 x .118	2	10

## AS568 Kit #1 Sizes

Size	Dimensions	Qty	Size	Dimensions	Qty
2-006	0.114 x .070	20	2-211	0.796 x .139	10
2-007	0.145 x .070	20	2-212	0.859 x .139	10
2-008	0.176 x .070	20	2-213	0.921 x .139	10
2-009	0.208 x .070	20	2-214	0.984 x .139	10
2-010	0.239 x .070	20	2-215	1.046 x .139	10
2-011	0.301 x .070	20	2-216	1.109 x .139	10
2-012	0.364 x .070	20	2-217	1.171 x .139	10
2-110	0.362 x .103	13	2-218	1.234 x .139	10
2-111	0.424 x .103	13	2-219	1.296 x .139	10
2-112	0.487 x .103	13	2-220	1.359 x .139	10
2-113	0.549 x .103	13	2-221	1.421 x .139	10
2-114	0.612 x .103	13	2-222	1.484 x .139	10
2-115	0.674 x .103	13	2-325	1.475 x .210	7
2-116	0.737 x .103	13	2-326	1.600 x .210	7
2-210	0.734 x .139	10	2-327	1.725 x .210	7



Parker AS568 Kit #1 contains 30 of the most commonly used o-ring sizes.



Parker Metric Kit #1 contains 32 common metric o-ring sizes.

## Parker Metric Kit #1 Sizes

Dimensions	Qty	Dimensions	Qty
3.00 x 2.00	20	18.00 x 3.50	10
5.00 x 2.00	20	20.00 x 3.50	10
6.00 x 2.00	18	22.00 x 3.50	10
8.00 x 2.00	18	23.00 x 3.50	10
10.00 x 2.00	18	25.00 x 3.50	10
13.00 x 2.00	18	27.00 x 3.50	10
10.00 x 2.50	14	28.00 x 3.50	10
12.00 x 2.50	14	30.00 x 3.50	10
14.00 x 2.50	14	31.00 x 3.50	10
15.00 x 2.50	14	32.00 x 3.50	10
16.00 x 2.50	14	34.00 x 3.50	10
18.00 x 2.50	14	36.00 x 3.50	10
20.00 x 2.50	14	38.00 x 3.50	10
21.00 x 2.50	14	41.00 x 3.50	10
22.00 x 2.50	14	44.00 x 3.50	10
		46.00 x 3.50	10
		50.00 x 3.50	10

Copyright © 2003, Parker Hannifin Corporation, Cleveland, OH. All Rights Reserved.