

O Rings And Back Up Rings Trelleborg

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O Rings And Back Up

Used for sealing, piece the backup ring between the extrusion gap and protect the O-ring and the overall seal. Our backup rings feature extrusion resistance, which helps to prevent O-ring failure and are composed of Buna N and hytrel materials. Choose between standard rings and contoured rings.

Backup Rings - O-Rings and O-Ring Kits - Grainger ...

These 325-piece assortments mean you'll always have a backup ring on hand. Use them to extend the life of your O-rings and improve their performance in high-pressure applications. The backup rings are made of PTFE and resist harsh chemicals such as, acetone, fluorinated solvents, methanol, and many acids.

O-Ring Backup Rings | McMaster-Carr

Back-Up Rings Order O-Rings Online - Quick and Easy Since 2007 from The O-Ring Store LLC. An O-ring is a solid-rubber seal shaped like... We supply O-Rings and seals in any size, material, durometer, color, and specialty performance.. Buna-N Nitrile O-Rings (NBR). Buna-N O-Rings / Nitrile O-Rings / ...

Back-Up Rings - We make getting o-rings easy!

Explore Back-Up O-Rings Designed for Higher-Pressure Applications Back-Up Rings used with O-Rings at pressures > 1500 psi or big extrusion gaps Back-Up Rings are designed to limit O-Ring clearance gap extrusion. Available in elastomeric compounds and PTFE Back-Up Rings. PTFE Back-up rings can be ...

Backup O-Rings | Marco Rubber & Plastics | Custom O-Rings ...

Backup O-rings ensure that the primary O-ring continues to provide the proper seal between opposing parts even under pressure. When first installed, O-rings are specked to fit perfectly, but when continually exposed to pressure and high temperatures, they lose material, weaken, and extrude beyond the groove in which they rest.

O-Rings / Backup Rings - Performance Seals, Inc.

At Global O-Ring and Seal, we stock contoured elastomeric back-up rings in Nitrile 90 Durometer and Viton® 90 Durometer. We can also provide contoured backup rings in other materials. N8-90 - Nitrile 90 Duro Contoured Backup Rings V8-90 - Viton 90 Duro Contoured Backup Rings

Backup Rings | Global O-Ring and Seal

back; 550; 555; 655; 350c (bulldozer arrangement 6300; 6305; 6310; ripper arrangement 3110; backhoe arrangement 93; 93a; 9250; 9300; 9550; log loader arrangement 7702)

H&D Distributors, Inc.. O-RINGS & BACK-UP RINGS

The designations of SKF O-rings in both metric and inch sizes contain their dimensions in metric units. The designations of SKF back-up rings (table 2) in metric sizes contain their dimensions in metric units, whereas those in inch sizes contain their dash-number. The size lists for both are provided in inch and metric sizes.

O-rings and back-up rings | SKF | SKF

Global O-Ring and Seal, LLC is a master distributor of O-Rings, Backup Rings, X-Rings, Cord Stock, and related seals, servicing industrial distributors worldwide. We stock all major compounds including Buna (Nitrile), Viton (FKM), EPDM, Silicone, Teflon, Atlas, etc. We carry a full range of AS568 standard sizes, as well as metric sizes and O ...

O-Ring Kits | Global O-Ring and Seal

Global O-Ring and Seal, LLC is a master distributor of O-Rings, Backup Rings, X-Rings, Cord Stock, and related seals, servicing industrial distributors worldwide. We stock all major compounds including Buna (Nitrile), Viton (FKM), EPDM, Silicone, Teflon, Atlas, etc.

Category: Back-Up Rings | Global O-Ring and Seal

D.3 PTFE O-Rings D.4 Polyurethane O-Rings D.5 Fleximold™ O-Rings - large dimensions D.6 Round cord rings (butt vulcanized) D.7 O-Ring surface finishing 115 Back-up Rings 117 E General Information 118 118 119 120 F Back-up Ring Types F.1 Overview F.2 Back-up Ring types for external sealing (Piston) F.3 Back-up Ring types for internal sealing (Rod)

O-Rings and Back-up Rings - Trelleborg

Back up rings used with O-Rings are of two different shapes. One style has two flat sides (Hercules style 575-) and the other style has one side concave in shape (to fit the curvature of the O-Ring . Hercules style 574-) while the opposite side is flat to provide support against the metal surface. This concave style was made popular by Parker ...

What is a Back-Up Ring? | Rocket Seals, Inc.

Back-up rings are the most common anti-extrusion devices employed in dynamic and static sealing, designed to prevent the migration of sealing material into the extrusion gap under the system pressure. Parker offers a wide range of back-up ring geometries and materials to suit every seal type and application.

Back-up Rings | Parker NA

A back-up ring is a rigid ring that holds an elastomeric seal or plastic (such as Polyethylene) connection to its designed shape and in its correct place. Back up rings are commonly used with O-rings, lip seals, and as reciprocating shaft seals.

Back-up ring - Wikipedia

For single acting high pressure O-Ring applications, a back up ring will prevent O-Ring extrusion. Double acting high pressure O-Ring applications require a back-up ring on either side of the O-Ring to prevent extrusion. Parker's Parbak® back-up rings help prevent extrusion in high pressure service and compensate for loose fitting parts.

PTFE Back-Up Ring | Anti-Extrusion O-Ring Seals

O-Rings & Backup Rings Back Up Rings for U Cup Seals. MFP Seals produces a broad range of both European and Japanese Industrial Standard... Metric Back-Up Rings for O-Ring Groove. Metric Back Up Rings for U Cup Seals. X-Ring Seals. Square Ring Seals. Split Flange Seals. O-Ring Cord Extrusion.

Martin Fluid Power

Back-Up rings are used for both static and dynamic fluid power applications and prevent the migration or extrusion of an O-Ring in the gap as pressurization and de-pressurization/pressure cycling occur. The profile shape of the Back-Up rings is usually rectangular but may also be concave at the face mating with the O-Ring.

O-Ring Back-Up Ring Sizes : The O-Ring Store LLC, We make ...

Backup Rings The main purpose f or a back up ring, is to help the seal to refrain from extruding when the seal is under a higher amount of pressure. The back up ring will "back up" the seal you have in place and help the seal to not extrude trough the extrusion gap.

O-Rings & Backup Rings - MSO Seals & Gaskets, Inc.

Back-Up Rings One of the most prevalent types of O-Ring failure is extrusion. This occurs when the application's internal systemic pressure becomes too great, causing the O-Ring to extrude into the clearance gap between the mating parts. Often, this extrusion is nibbled away, resulting in a loss of material, quickly followed by seal failure.

Problem Solving Products, Inc. - O-Rings and Seals

Back-up rings are plastic or rubber rings used to prevent the O-ring from entering the clearance gap. When high pressures are exerted on the O-ring, its soft rubber material can be forced into the clearance gap causing the O-ring to extrude (see our O-ring brochurefor examples of O-ring failure).