

O Ring Boss Fittings Pressure Connections Corp

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O Ring Boss Fittings Pressure

pipe fittings ; bulkhead frame couplings ; o-ring boss fittings ; o-ring face seal fittings ; female jic swivels ; split flange halves & kits ; jic split flanges ; flareless fittings ; gageport series

O-RING BOSS FITTINGS - Pressure Connections

Choose from our selection of O-ring Boss fittings, including stainless steel pipe and pipe fittings, iron and steel pipe and pipe fittings, and more. In stock and ready to ship.

O-Ring Boss Fittings | McMaster-Carr

SAE O-Ring Boss (ORB) threaded fittings are ideal for leak control in medium to high pressure applications. While SAE ORB fittings and JIC 37° fittings have the same straight threads, JIC fittings create a metal-to-metal fitting, and SAE ORB fittings are sealed on an o-ring. O-ring seals are the best type of seals in regards to leakage. Because the seal takes place at the o-ring and not the threads, SAE ORB fittings are reusable. Shop Our Selection of SAE O-Ring Boss Fittings Here.

Hydraulic Fittings | SAE ORB Fittings | SAE O-Ring Boss ...

O-Ring flange fittings; SAE straight-thread O-ring boss fittings; O-ring flange fittings are especially suited for large sizes and high pressures, especially in tight quarters. The choice of FFOR or O-ring boss types will depend upon individual designer preference based on application, wrench clearance, and fitting location. All of the O-ring type fittings offer superior sealing characteristics, as rated by Parker in the following categories: Pressure- Excellent; Seal Reliability- Excellent

Hydraulic Essentials - The Evolution of O-ring Boss/Face ...

Port conforms to ISO 11926 and SAE J1926. Commonly called straight thread o-ring fittings. Pitch and diameter are measured in inches. Threads are parallel and requires o-ring for pressure tight connection. Thread angle is 60°.

SAE BOSS Operate PSI | Hose and Fittings Source

O-ring Boss thread adapters use a straight thread and an o-ring to create a seal between female and male fittings. O-ring Boss fittings are an excellent choice for medium to high pressure applications. Our O-ring Boss thread fittings and adapters are equivalent to fittings from Parker Hydraulics, Eaton Aeroquip, Weatherhead, Goodyear, and Gate Hydraulics.

SAE Straight Thread Fittings - Steel O Ring Boss (ORB ...

O-Ring Boss Fittings; O-Ring Boss Fittings. Items 1 to 12 of 18 total . Sort By Set Descending Direction. Show. per page. View as: Grid List Page: 1; 2; Next #8 Male O-Ring to 1/4" Female Pipe ...

O-Ring Boss Fittings - Hose, Fittings & Accessories ...

Fitting Thread Chart; Pressure Ratings; Site Help / FAQ; Home > Steel Adapters > SAE O-Ring Boss (ORB) Steel SAE O-Ring Boss Fittings (ORB) Click here to learn more about SAE ORB Fittings. Sort By: Page of 1 : 6400 -37° JIC SAE Flare Male x SAE O-Ring Boss ORB Male Adapter MJ x MORB Straight ...

ORB Adapters | O Ring Boss Fittings | Hydraulics Direct

The seal takes place by compressing the O-ring onto the flat face of the female, similar to the split flange type fitting. The threads maintain the connection mechanically. SAE J512 Inverted connections are typically used in automotive systems.

Fittings 101: Introduction - Brennan Industries

Port fittings and adapter fittings using straight thread require use of an O-ring boss seal technique to seal against leakage. Tapered Thread Tapered thread, also known as pipe thread, typically uses a 2-degree angle on the threads, instead of running parallel.

Understanding Performance Fittings - Straight and AN ...

Material: High pressure carbon steel with zinc trivalent anti-corrosion coating SAE ORB straight thread o-ring boss hydraulic fittings meet SAE J514 specifications and are used for fluids in hydraulic applications. Product Details: SAE J514, Straight O-Ring Boss (ORB) Thread. This straight thread connection uses the same threads as the JIC 37

6405 - ORB to NPT | SAE O-Ring Boss ORB Male x NPTF Pipe ...

ORB or O-ring boss. This port style, shown in Fig. F4, is widely used in North America. Fig. F4 — Typical O-Ring Boss Port BSPP In Europe, Japan and many other former Commonwealth nations, the British Standard Pipe thread form, BSP, is still used extensively to connect pipes and components in hydraulic systems.

Catalog 4300 Pipe Fittings and Port Adapters

Stainless Steel O-Ring Boss (ORB) Fittings are great for areas where chemicals or water may pose a threat to the long life of a fitting. High quality 316 Stainless in many threads and sizes.

O-Ring Boss (ORB) Fittings (Stainless ...

This fitting is also known as O-Ring Boss (ORB) Recommended by the NFPA for optimal leakage control in medium and high pressure hydraulic systems. The male fitting has a straight thread and O-ring. The female port has a straight thread, a machined surface (minimum spotface) and a chamfer to accept the O-ring.

SAE Straight Thread (ORB)

Page 119 6401 O-Ring Boss Fittings Part No. Tube O.D. 1 Male ORB 2 Male NPTF C Hex L Length Operating Pressure 6401-04-02 7/16 - 20 1/8 - 27 9/16 1.04 6,000 6401-04-04 7/16 - 20 1/4 - 18 9/16 1.24 6,000

6401 O-Ring Boss Fittings

Material: High pressure carbon steel with zinc trivalent anti-corrosion coating SAE ORB straight thread o-ring boss hydraulic fittings meet SAE J514 specifications and are used for fluids in hydraulic applications. Product Details: SAE J514, Straight O-Ring Boss (ORB) Thread. This straight thread connection uses the same threads as the JIC 37

6425 - ORB to ORB | SAE O-Ring Boss ORB Female x SAE O ...

SAE ORB adapter fittings are an excellent choice for medium and high pressure applications. Stainless steel fittings are used for applications requiring maximum corrosion or sanitary protection. SS-6400 -37° JIC SAE Flare Male x SAE O-Ring Boss ORB Male Adapter Stainless MJ x MORB Straight (Stainless)

Stainless ORB Adapters | Stainless Steel ORB | Hydraulics ...

Recommended by the NFPA for optimal leakage control in medium and high pressure hydraulic systems. The male fitting has a straight thread and O-ring. The female port has a straight thread, a machined surface (minimum spotface) and a chamfer to accept the O-ring. The seal take place by compressing the O-ring in the chamfer.

Boss O-ring Seals - AS568 SAE Straight Thread O-Rings

Parker's Seal-Lok O-Ring Face Seal offers a leak-free seal fitting design and a rugged construction to make it optimal for use in situations with high-pressure, vibration and impulse environments.

O-Ring Face Seal (ORFS) Fittings, Parker Seal-Lok Reusable ...

O-Ring Boss Fittings; Male O-Ring to Female Pipe; Price . Range:\$ 2 - \$ 6; A #12 SAE (1) #8 SAE (3) B . 1/2 (1) 1/4 (1) 3/4 (1) 3/8 (1) Email Only Promotions & Discounts Join to receive special email only offers, promos, updates and discounts. Join Now. ACCOUNT OPTIONS. My Account; Order Status; My Cart ...