

# Standard Size O Ring Dimensions Illustrations

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### Standard Size O Ring Dimensions

#### **Standard Size O-Ring Dimensions & Illustrations**

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#### **ISO 3601 Metric Size O-Rings - Apple Rubber**

dimensions of o-rings in one ordering number How to Determine O-Ring Size\* For Sequence in Ordering: 1 Size (catalog number) 2 Durometer and material 3 Quantity Example: 110 - 70SLR - 10,000 (size - durometer, material and color - quantity) Outside diameter (OD) is for reference only O-Rings are specified by ID and cross section

#### **AS-568 Standard O-Rings - Apple Rubber**

dimensions of O-Rings in one ordering number How to Determine O-Ring Size\* For Sequence in Ordering: 1 Size (catalog number) 2 Durometer and material 3 Quantity Example: 110 - 70SLR - 10,000 (size - durometer, material and color - quantity) Outside diameter (OD) is for reference only O-Rings are specified by ID and cross section

#### **Standard USA O-Rings Sizes - O-Ring Suppliers Kalrez ...**

Standard USA O-Rings Sizes Dimensions per AS568 although tolerances var y by use Thousands of non-standard sizes are available in stock or can be made within a few weeks typically without tooling fees so no need to settle for a less than optimal fit Size CS (IN) ID (IN) OD (IN) CS (MM) ID (MM) OD (MM) 001 0040 0029 0109 102 074 278

#### **AS568 Standard O-Ring Size Chart - Ace Seal**

AS568 Standard O-Ring Size Chart 23 Las Colinas Lane Suite 108 San Jose, CA 95119 Tel: (408) 513-1070 Toll Free (800) 223-7325 Fax (408)

513-1074 Toll Free (800) 329-1232

### **2-xxx Sizes, Cross-Section: .070 ± .003 in (1,78 ± 0,08mm)**

(a) The rubber compound must be added when ordering by the 2-size number (ie, N0674 2-007) (b) This chart provides dimensions for standard (AN) shrinkage materials ONLY These correspond to AS568B dimensions O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions

### **Understanding O-ring Sizes and Tolerances**

An O-ring is a solid-rubber seal shaped like a doughnut or torus When compressed between mating surfaces, an O-ring blocks the passage of liquids or gases Parco O-rings are available in a wide range of standard and non-standard sizes that are suitable for nearly all sealing applications Two dimensions describe the size of an O-ring: its

### **Sizes - Parker Hannifin**

(a) The rubber compound must be added when ordering by the 2-size number (ie, N0674-70 2-007) (b) This chart provides dimensions for standard (AN) shrinkage materials ONLY These correspond to AS568A dimensions O-rings manufactured out of compounds with different shrinkage rates (other than AN) will produce slightly different dimensions

### **Technical Handbook O-rings 14. O-ring Size Charts**

Technical Handbook O-rings Standard O-ring Sizes (000 Series 004 to 050 cross section Diameters  $w = 070 \pm 003$  inches,  $w = 1,78 \pm 0,08$  mm Size Nominal Size Standard O-ring Size Metric O-ring Size Only (Inches) (Inches) (millimeters) AS 568A Actual Per AS ...

### **O-Ring Design Guide - Hi-Tech Seals Inc.**

The O-ring OD should be at least equal to or larger than the rod gland diameter to give interference on the O-ring OD The O-ring OD should not exceed 3% of the rod gland diameter for O-rings with an ID greater than 250 mm, or 5% for O-rings with an ID

### **International ORing Standard**

The size code for these O-Rings is a four digit number indicating the O-Ring ID in tenths of millimeters followed by a hyphen and two digits indicating the O-Ring Cross Section, also in tenths of a millimeter ] BS 4518 0645 -24 ] SMS 1586 is a Sveriges Mekanstandardisering (Swedish Mechanical Standard) O-Rings are simply identi-

### **SAE O'RING PORT DIMENSIONS - Hyvair Corp.**

size 5/16-24 3/8-24 7/16-20 1/2-20 9/16-18 3/4-16 7/8-14 1 1/16-12 1 3/16-12 1 5/16-12 1 5/8-12 1 7/8-12 2 1/2-12 pitch

diam2854290234793528405041044765473152645323 sae o-ring port dimensions e c d f b t a c d go 45o fluid power data sae o'ring port dimensions...

### **AS568 Dimensions ID**

SIZE ID CS ID ± CS ± ID ± CS ± SIZE AS568 Dimensions AS568 is the Aerospace Size Standard for O-rings from the Society of Automotive Engineers Simrit manufactures and supplies the complete range of standard AS568 sizes in a wide range of elastomeric O-ring materials The following sizes are grouped by cross-section and

### **'O' Ring Guide - James Walker**

Back-up ring for use with non-standard size 'O' ring Please contact our Technical Support Team for recommendations on the correct back-up ring Back-up ring for a new application 1) Select the 'O' ring you require from our Charts, using the method outlined earlier on this page 2) Refer to How

to order section on page 7 for precise

### **O-Ring Standard Size (JIS B 2401) - hsianghos.com**

o-ring standard size (jis b 2401) table of dimensions of o-rings for static sealing of cylindrical surface and flat surface o-ring standard size (jis b 2401) measurements in measurements in jis b 2401 millimeters inches size id  $\pm$  cs  $\pm$  id  $\pm$  cs  $\pm$  g25 2440 025 310 010 0961 0010 0122 0004

### **Common Metric O-Rings Sizes - O-Ring Suppliers Kalrez ...**

Common Metric O-Rings Sizes Tolerances vary by use, please see our tolerance pages Thousands of non-standard sizes are available in stock or can be made within a few weeks typically without tooling fees so no need to settle for a less than optimal fit Size CS (IN) ID (IN) OD (IN) CS (MM) ID (MM) OD (MM) 05X13 0020 0051 0091 050 130 230