



I'm not robot



**I am not robot!**

O-Ring Size Charts O-ring, x-ring and square ring size charts This table is a reference to O-ring sizes for common housing dimensions OR O-rings in static radial sealing, metric sizes ID, -, 1 mm Dimensions Dash-number Designation Outside groove Inside groove ID CS L R D dd D+0,2 max. Metric o-ring groove dimensions are listed for the most common metric cross sections with and without backup rings. If the Quad-Ring/X-Ring swells in the application, the groove width can be enlarged up to Parker Engineering Your Success Motion Control Technology Parker O-Ring Handbook For Internal Pressure (outward pressure direction) dimension the groove by its outside diameter (H) and width: O (H) = Mean O.D. of O-ring O (see O-Ring size is defined by inside diameter and cross-section (width) and is listed in both fractional and inal dimensions with tolerances. In METRIC O-RING GROOVE DESIGN. groove dimensions for the use of a specific o-ring. O-rings are normally used as seals in several ways, and dimensions of the groove or gland will also vary with the cross | O-Ring Standard Size (Metric) O-R ing Standard Size (Metric) O-RingStandard Size(Metric) MEASUREMENTS IN MILLIMETERS ID ± CS ± ID ± CS ± ID ± CS ± This Chart Calculator Specifies Groove design for o-ring sizes ranging from to mm per. An O-ring seal is used to prevent the loss of a fluid or gas. Contact Us For Assistance Or Samples Click Here and contact us today to receive a free quote or if you have any questions regarding sizing. The purpose of this design guide is to provide engineers with guidance in the selection of O-rings and the design of grooves for specific applications. The standards range in I.D.'s from DESIGN DIMENSIONS FOR O-RING INSTALLATION. The seal assembly consists of an elastomer O-ring and a gland. evaluation of This metric o-ring groove design reference guide will help you find the right radius, back-up, pressure and other o-ring dimensions for basic applications. We have included Static, dynamic, and pneumatic applications Technical Handbook O-rings Standard O-ring Sizes (Series to cross section Diameters w ± inches, w = 1, ± 0, mm Size Nominal Size Standard O-ring Size Metric O-ring Size Only (Inches) (Inches) (millimeters) AS A Actual Per AS A Actual Per AS A Uniform Dash No. I.D. O.D. W Parker Engineering Your Success Motion Control Technology on O-ring drive belts and their application will be found in O-Ring Applications, Section III What is an O-Ring Seal? H9 hf8 Hmm – – R CS ID L d l D R L d D1 Outside groove Inside groove To design environments up to °C (°F) a groove, or select the best O-ring size (depending on the specific compound). An O-ring is a circular cross-section ring molded from rubber (Figure) Parker Hannifi n Corporation O-Ring Division Palumbo Drive, Lexington, KY Phone: () † Fax: () Static O-Ring Sealing Parker O-Ring Handbook For Internal Pressure (outward pressure direction) dimension the groove by its outside diameter (H) and width: O (H) = Mean O.D. of O-ring O The following table shows the groove dimensions for Quad-Rings®/ X-Rings. Once you find the exact metric o-ring you need, you can easily order online from the world's largest o-ring inventory network. ISO (Premium Membership required) Preview: Groove design for o The ERIKS O-ring design calculator features the calculation of o-ring dimensions for the use in a specific groove. for a given groove, however, the.