

Radial Static

2-265
O-Ring Dimensions (in)

	Nominal	+/-tol
Inner Diameter(ID)	7.734	0.045
Cross Section(W)	0.139	0.004

Male Static Seal
Suggested Gland Dimensions

	Nominal	+tol	-tol
Groove Diameter:	7.856	0.000	0.002
Groove Width:	0.187	0.005	0.000
Plug Diameter:	8.078	0.000	0.001
Bore Diameter:	8.080	0.002	0.000

Gland dimensions can be customized by clicking on the boxes above.

Resulting Tolerance Stackups

	Min	Nom	Max	Ideal
Stretch	0.96%	1.58%	2.17%	0-5%
Squeeze	14.46%	18.65%	21.21%	16-23%
Volume Fill	64.21%	71.59%	76.24%	60-90%
Diametral Clearance	0.002	0.002	0.005	> 0

Pressure Rating (N0674-70): 1300 (psi)

Choose Material

If application pressure is expected to be above Pressure Rating or in excess of 1500 psi, a Parbak Back-up Ring is recommended.

Select Parbak® Back-up Rings to adjust Groove Width.

Select Parbak® Back-up Rings

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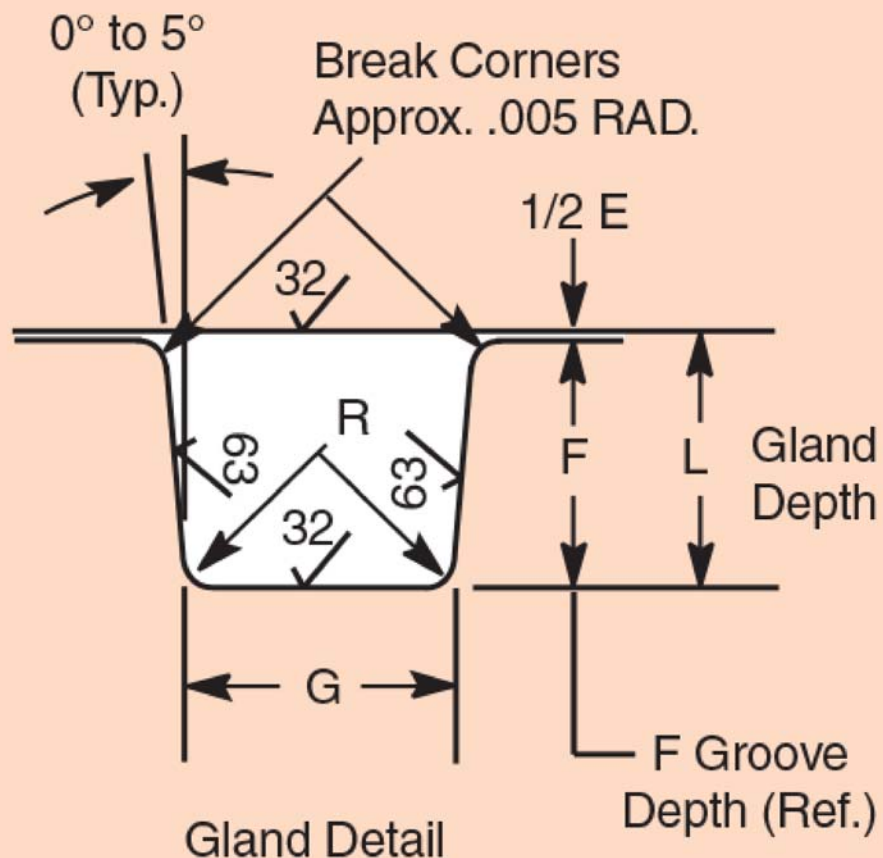
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Design Analysis

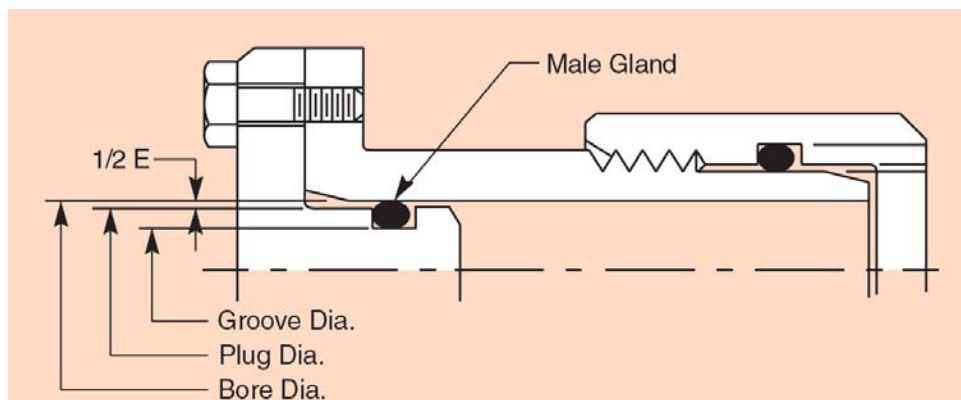
Engineering Drawings

Male & Female Design



Finishes are RMS values.

Male Static Gland Design



Recommendations on application design and material selection are based on available technical data and are offered as suggestions only. Each user should make his own tests to determine the suitability for his own particular use. Parker offers no express or implied warranties concerning the form, fit, or function of a product in any application.