

Application Checklist

Custom Orders...Our Specialty

Rings Checklist

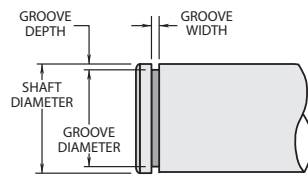
Fax to: 847.719.5999

Quick Delivery on Custom Orders • No-Tooling-Cost • Precise Specifications • Engineering/Design Assistance
Complete this application checklist and challenge Smalley's Engineering staff.

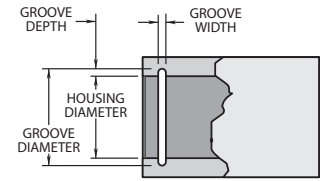
Name _____ Title _____ Date _____
 Company _____
 Address _____
 City/State/Zip Code _____ Country _____
 Phone _____ Fax _____
 Email _____

Dimensions In: () Standard Units () Metric Units

Housing Diameter _____
 Shaft Diameter _____
 Groove Diameter _____
 Groove Width _____
 RPM _____

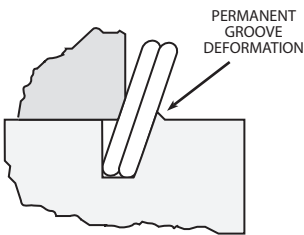


Ring Radial Wall _____

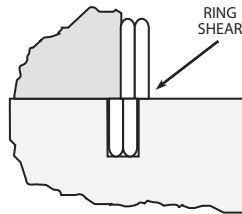


Ring Thickness _____

Thrust Capacity



1. Groove Deformation
Occurs when maximum capacity is limited by the groove material (groove material is soft)



2. Ring Shear
Occurs when maximum capacity is limited by the retaining ring (groove material is hardened)

If thrust is a consideration specify:

Groove Material _____

Load Capacity _____ () lb () N

Sketch

Material

Consider the environment:
 Temperature _____ °
 () F () C
 Corrosive Media _____
 *Carbon Steel ()
 *302 Stainless Steel ()
 *316 Stainless Steel ()
 Inconel X-750 ()
 A-286 ()
 Other _____ ()

Finish

* Oil dipped ()
 (Carbon Steel)
 * Vapor degreased ()
 and ultrasonic cleaned
 (Stainless Steel)
 Passivate ()
 Black Oxide ()
 Phosphate Coat ()
 Vibratory Deburr ()
 Other _____ ()

Quantity: Prototype _____
 Production _____

Application: (Description)

*Denotes standard material or finish.