

Ring Application Checklist

Application Checklist

Retaining Rings.

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Complete this application checklist and challenge TFC's engineering team.

Name	Title	Date
Company		
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Dimension in: () Metric Units () Imperial Units

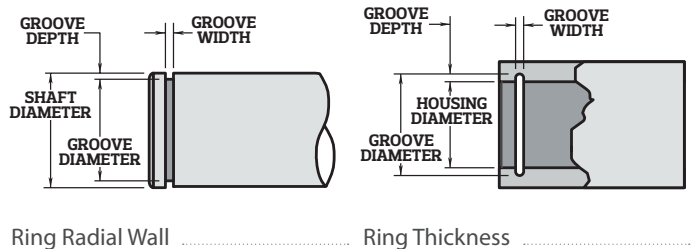
Housing Diameter

Shaft Diameter

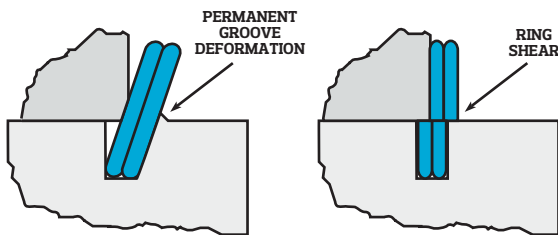
Groove Diameter

Groove Width

RPM



Thrust Capacity



1. Groove Deformation

This occurs when maximum capacity is limited by the groove material (groove material is soft)

2. Ring Shear

This occurs when maximum capacity is limited by the retaining ring (groove material is hardened)

If thrust is a consideration specify:

Groove Material

Load Capacity () N () lb

Sketch

Material

Consider the environment:

Temperature () C () F

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.