





Fitting Guide for U-Rings — hydraulic seals for rods/glands & pistons

i This seal operates with slight axial float. It must not be axially compressed.

1  For Health & Safety reasons, shut down the hydraulic system before installing your new seal. **Shut off power**

2  Check the seal and housing. Ensure that seal is the correct size and housing is suitable for the seal. **Check sizes of seal & housing**

3  Remove old seal, then thoroughly clean the gland housing. **Remove old seal. Clean the housing**

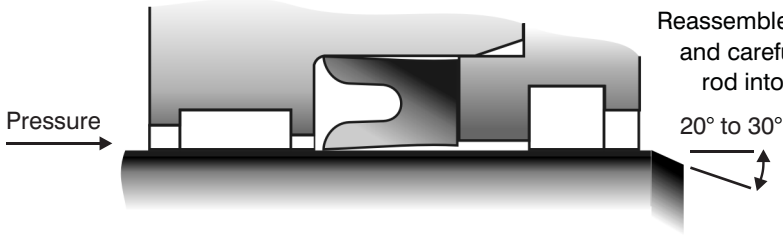
4  Lightly lubricate the seal and the housing with the hydraulic fluid prior to assembly. **Lightly lubricate seal & housing**


Rod/gland applications

5_a Multi-component housing Fit the seal well home in the exposed housing recess, with grooved side facing positive pressure. Ensure sealing faces are not damaged. **Insert seal into housing**

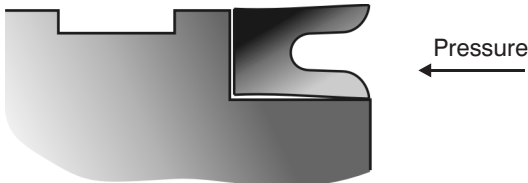


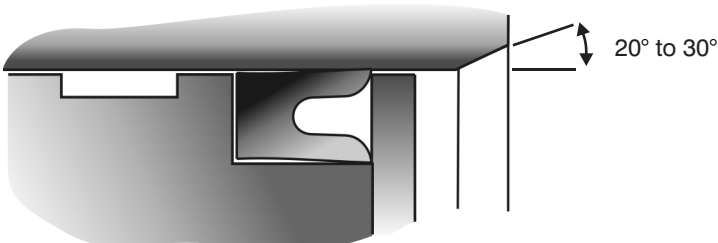
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5_b  **Reassemble housing and carefully insert rod into position.** **Reassemble housing & insert rod**

5_a Fully-enclosed housing  **Distort seal in crescent fashion, and open out into housing recess with grooved side facing positive pressure. Carefully insert rod into position.** **Distort seal & open into recess**

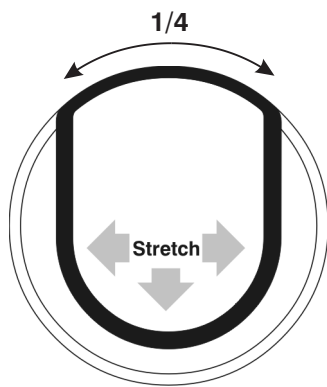
Piston Applications

6_a Split-type pistons  **Fit the seal well home in the exposed housing recess, with grooved side facing positive pressure. Ensure sealing faces are not damaged.** **Insert seal into housing**

6_b  **Reassemble piston and lower carefully into cylinder.** **Reassemble piston. Insert in cylinder**

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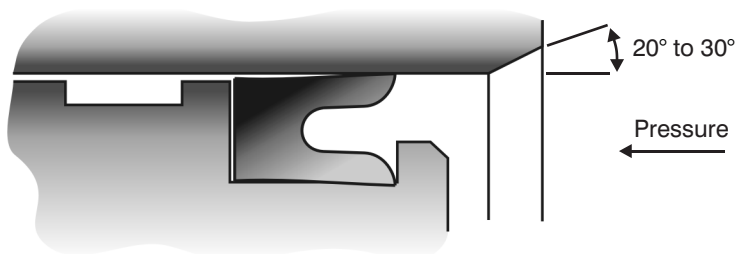
6_a Enclosed pistons



Insert one-quarter of seal circumference firmly into semi-open housing recess with grooved side facing positive pressure.

Insert 1/4 of seal into recess

6_b Stretch remainder of seal into position and ensure it is firmly seated in housing recess for full circumference. Lower piston carefully into cylinder.



Insert 3/4 of seal into recess. Insert piston in cylinder

Material Safety Data Sheets are available on request

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