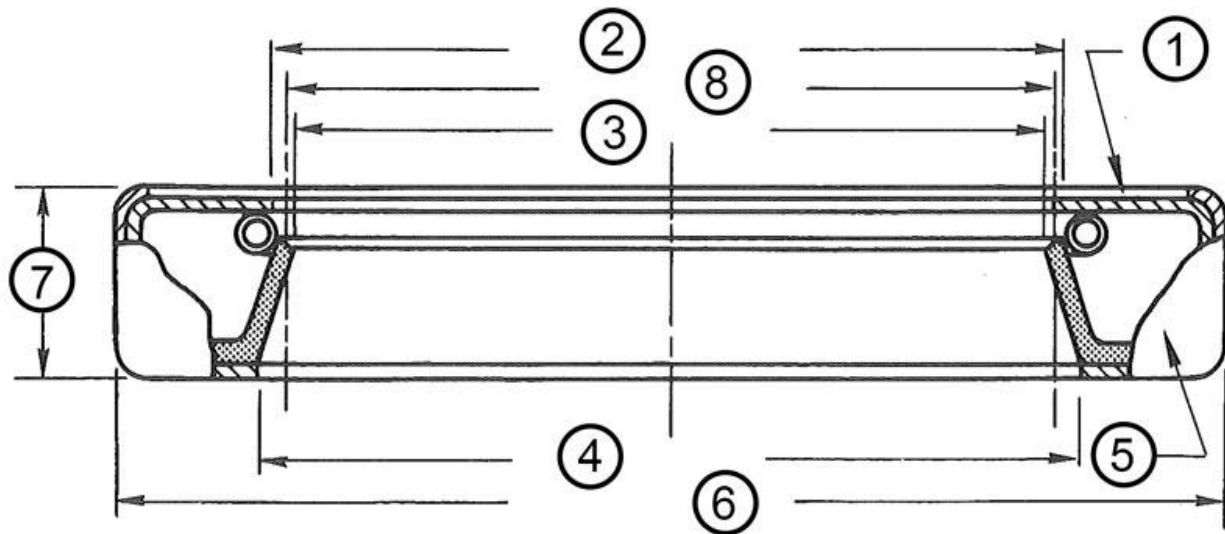


## Radial Lip Seal Assembly



- |                                      |                               |
|--------------------------------------|-------------------------------|
| <b>1. Inside Face</b>                | <b>5. Outside Face</b>        |
| <b>2. Inside-Face Inner Diameter</b> | <b>6. Seal Outer Diameter</b> |
| <b>3. Lip Inner Diameter</b>         | <b>7. Seal Width</b>          |
| <b>4. Outer-Case Inner Diameter</b>  | <b>8. Shaft Diameter</b>      |

**1. Inside Face:** That surface of the inner case which faces the exterior of the lip-seal assembly.

**2. Inside-Face Inner Diameter:** The inner diameter of the inner case of a radial lip seal.

**3. Lip Inner Diameter:** The inner diameter of the seal lip, measured with the spring installed.

**4. Outer-Case Inner Diameter:** The inside, or smallest, diameter of the outer case on a lip-seal assembly.

**5. Outside Face:** The surface of the seal case which is perpendicular to the shaft axis and which is not in contact with the fluid being sealed off.

**6. Seal Outer Diameter:** The external diameter of a lip-seal assembly, which normally corresponds to the out diameter of the outer seal case. In a package-type mechanical face seal, the diameter which corresponds to the outside surface of the cup.

**7. Seal Width:** The over-all axial dimension of the lip-seal assembly. This normally corresponds to the axial width of the outer seal case.

**8. Shaft Diameter:** The outside diameter of the shaft at the axial location where the seal is mounted.