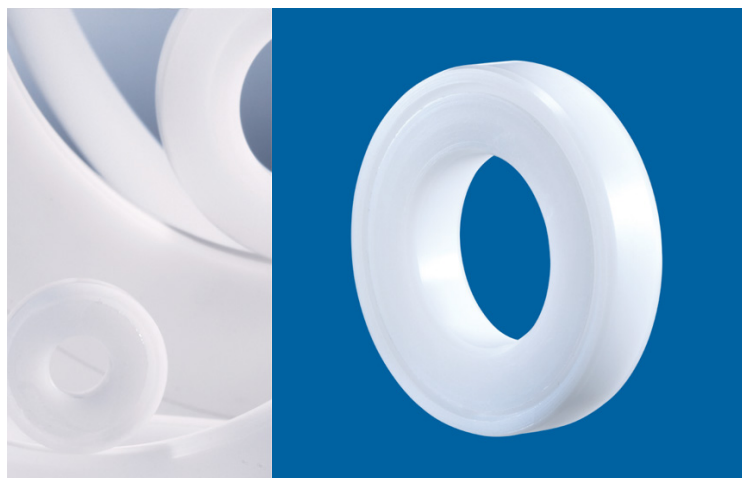


Labyrinth plastic seal Type S



S 65 X 100 X 12

Item number 301631

Technical data

| | |
|--------------------------|-------------------------------------|
| Material: | High-quality polyoxymethylene (POM) |
| Inner diameter ID: | 65 mm |
| Outer diameter OD: | 100 mm |
| Installed width W: | 12 mm |
| Sealing gap: | Conical |
| Axial play S_{ax}^* : | 0.8 mm |
| Gap diameter e_1 : | 72 mm |
| Gap diameter e_2 : | 87 mm |
| Speed limit: | 16300 rpm |
| Weight: | 0.0603 kg |
| Operating temperature t: | -40° - 60°C |

*Entire movability from one end position to the other

Installation

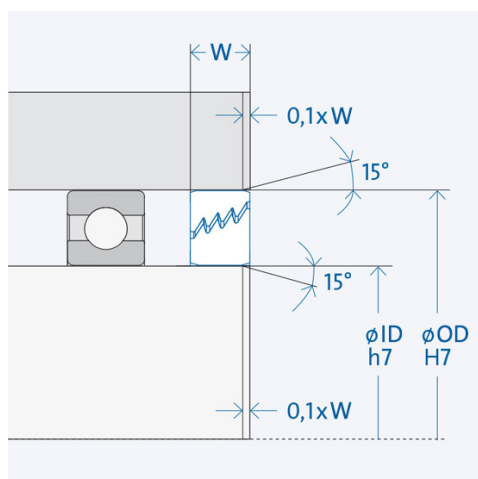
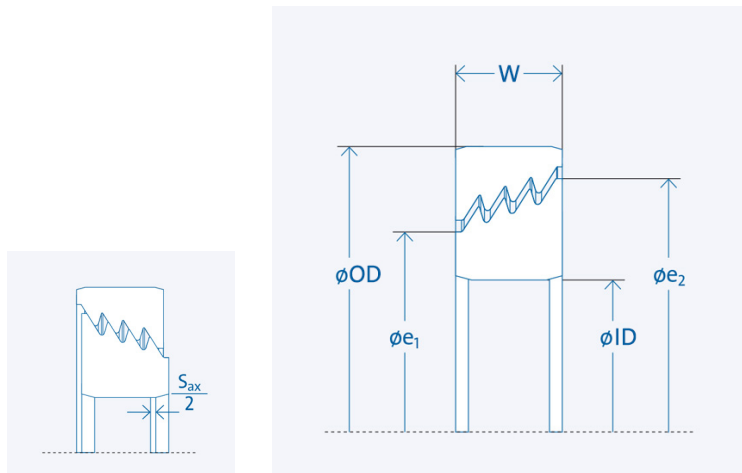
"l" Length (chamfering of shaft and housing) depending on the width W: $l = 0,1 \times W$

Component tolerances

Surrounding structure (mating parts)

Housing: H7 / Shaft: h7

Surface quality: $R_z \leq 16 \mu\text{m}$; $R_a \leq 3,2 \mu\text{m}$



The larger gap diameter e_2 must always face the impact.