

Labyrinth plastic seal

Type S



S 22 X 42 X 10

Item number 301520

Technical data

Material:	High-quality polyoxymethylene (POM)
Inner diameter ID:	22 mm
Outer diameter OD:	42 mm
Installed width W:	10 mm
Sealing gap:	Conical
Axial play S_{ax}^* :	0.8 mm
Gap diameter e_1 :	24 mm
Gap diameter e_2 :	34 mm
Speed limit:	48500 rpm
Weight:	0.0111 kg
Operating temperature t:	-40° - 60°C

*Entire movability from one end position to the other

Installation

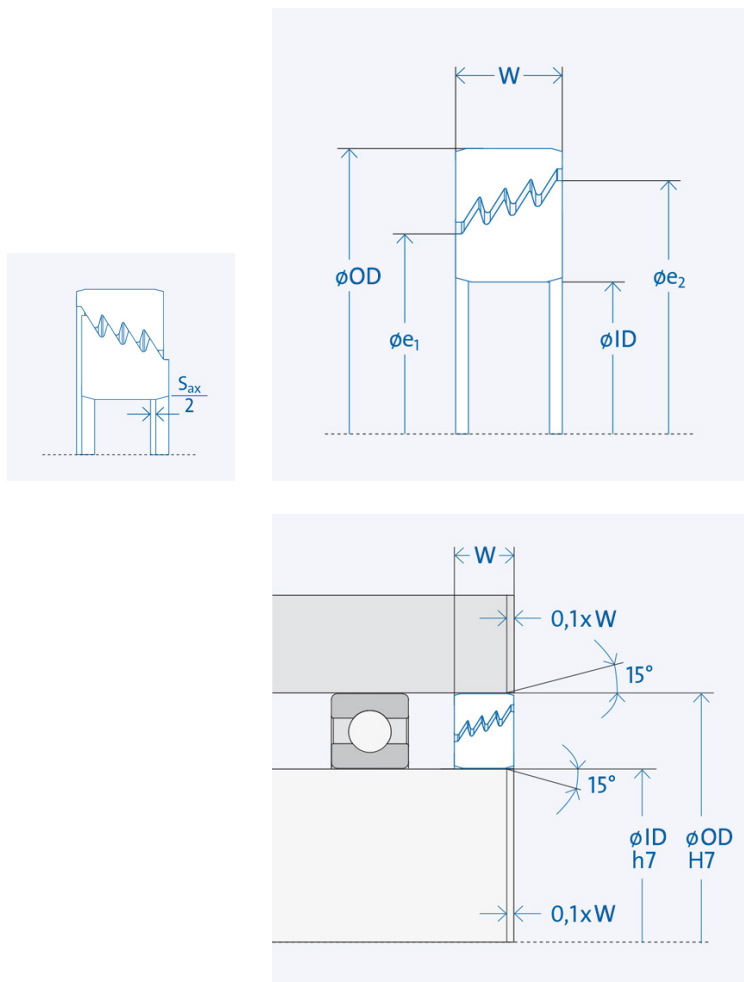
"l" Length (chamfering of shaft and housing) depending on the width W: $l = 0,1 \times W$

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.