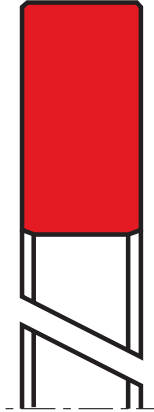


guide ring F02

seal spec



description

for rod or piston application, split and non split design available. not only used as guiding, also as plain washer or spacer.

application



not bolded symbols; please consult our technical for application limitations

category of profile

machined product only.

operating parameters & material

diameter range: up to 600 mm

material	temperature	max. surface speed	max. specific load
s-mart POM ²	-50 °C ... +100 °C	4,0 m/s	25 N/mm ²
s-mart PA ²	-40 °C ... +100 °C	4,0 m/s	25 N/mm ²
s-mart PTFE glass	-200 °C ... +200 °C	4,0 m/s	3 N/mm ²
s-mart PTFE bronze	-200 °C ... +200 °C	5,0 m/s	4,5 N/mm ²
s-mart TEX	-40 °C ... +130 °C	1,0 m/s	90 N/mm ²

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously.
surface speed limits apply only to the presence of adequate lubrication film.

² POM up to ø260 mm, PA above ø260 mm

tolerance recommendation

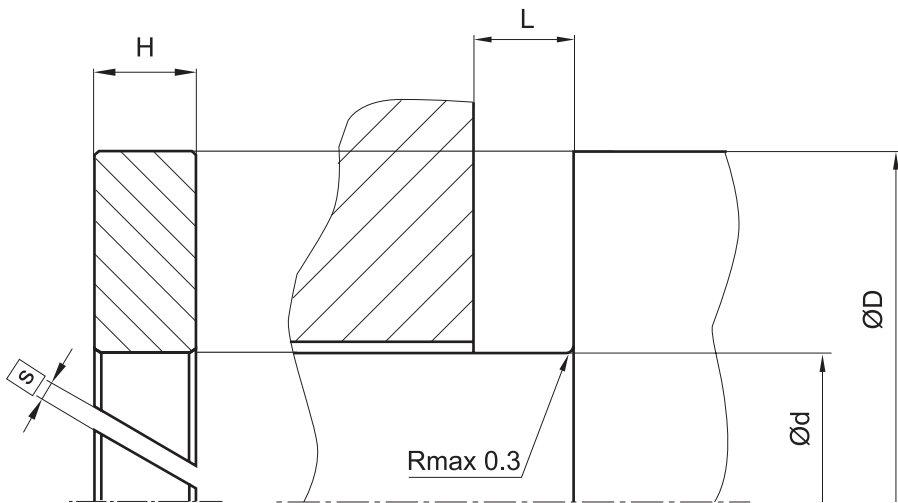
seal housing tolerances

Ød	f8
ØD	H9



seal & housing recommendations

please note that we are able to produce those profiles to your specific need or any non standard housing. for detail measurements, please see seal-mart catalog...



variations:

- cutting gap width $s = \dots \text{mm}$
- endless

don't hesitate to contact our technical department for further information or for special requirements (temperature, speed etc.), so that suitable materials and/or designs can be recommended.