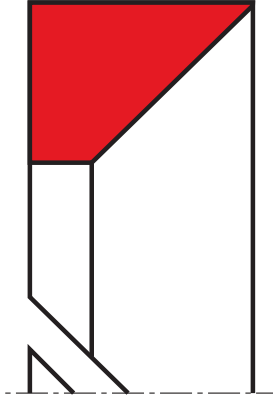


back-up ring ST10

seal spec



description

standard active back-up ring for piston seal type PD. normally already included in PD-type seal profiles, designed for automatic pressure activation. split and non split design available.

application



category of profile

machined only.

operating parameters & material

diameter range: up to 600 mm

material	temperature
s-mart POM ²	-50 °C ... +100 °C
s-mart PA ²	-40 °C ... +100 °C
s-mart PTFE glass	-200 °C ... +260 °C

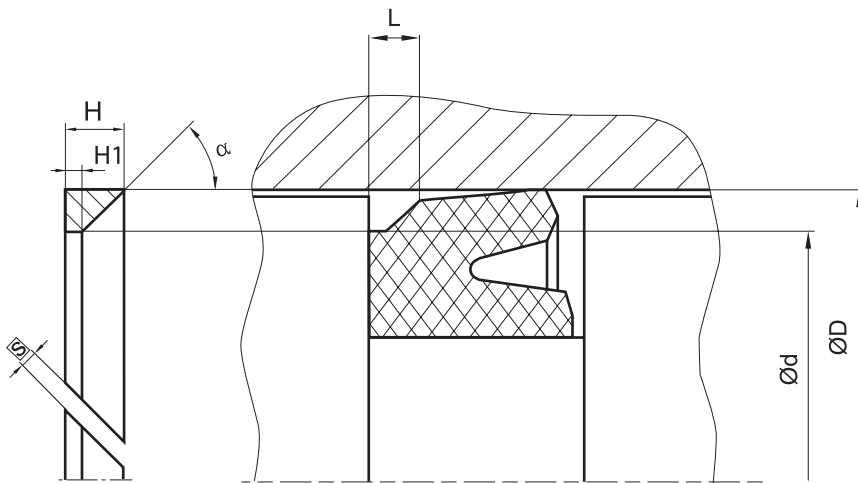
the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

² POM up to ø260 mm, PA above ø260 mm



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 $s=0\text{mm}$
- endless

tolerance value and surface finish according to corresponding seal data sheet

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.