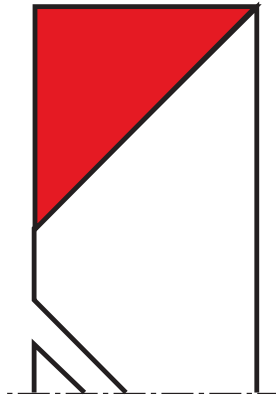


## back-up ring ST13

## seal spec



### description

triangular back-up ring for piston applications, fits in special shaped housings (see seal data sheets). also used as integrated active back-up ring in special high pressure or low friction seal profiles. 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 <sup>2</sup>	-50 °C ... +100 °C
s-mart PA <sup>2</sup>	-40 °C ... +100 °C
s-mart PTFE glass	-200 °C ... +260 °C

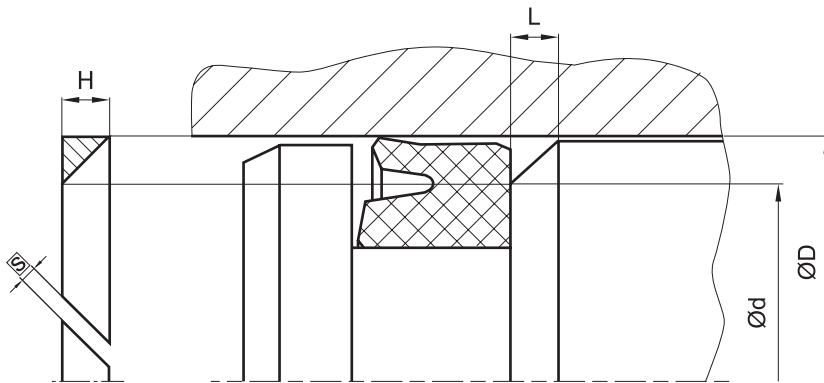
the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.

<sup>2</sup> 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.*