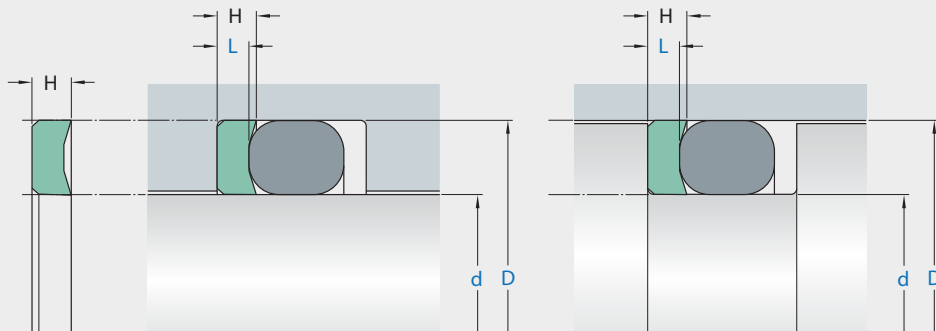


ST09



Ordering dimensions in blue

Pressure Surface roughness	Constant		Pulsating	
	R_{tmax}	R_a	R_{tmax}	R_a
	m		m	
Sliding surface	$\leq 6,3$	$\leq 1,6$	$\leq 3,2$	$\leq 0,8$
Bottom of groove	$\leq 12,5$	$\leq 3,2$	$\leq 6,3$	$\leq 1,6$
Groove face	$\leq 12,5$	$\leq 3,2$	$\leq 6,3$	$\leq 1,6$

Bearing area: 50–95% and a cutting depth of 0,5 R_z based on $C_{ref} = 0\%$

Standard dimensions

Minimum nominal inside diameter
 $d \geq 4,5$ mm.

Profile size, surface data and tolerances are the result of a combination of the relevant application specific sealing material. Standard version: uncut.

application



operating parameters & material

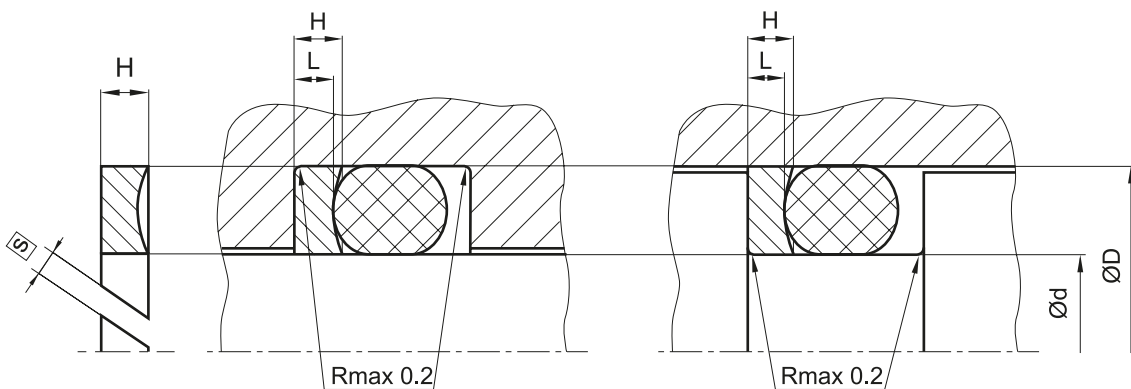
diameter range: up to 600 mm

material	temperature
Ecoflon 1	-200 °C ... +260 °C
Ecoflon 2	-200 °C ... +260 °C
Ecoflon 3	-200 °C ... +260 °C
Ecoflon 4	-200 °C ... +260 °C
ECOPUR	-30 °C ... +110 °C
H-ECOPUR	-20 °C ... +110 °C
T-ECOPUR	-50 °C ... +110 °C
G-ECOPUR	-30 °C ... +110 °C
Ecorubber 1	-30 °C ... +100 °C
Ecorubber 2	-20 °C ... +200 °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.

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 $s=0$ mm
- endless