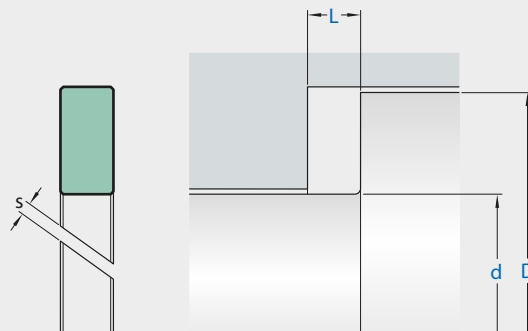


F02



Ordering dimensions in blue

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
	nm		nm	
Sliding surface	$\leq 2,5$	0,1–0,5	≤ 2	0,05–0,3
Bottom of groove	$\leq 6,3$	$\leq 1,6$	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 3	≤ 15	≤ 3

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

Standard dimensions

Minimum nominal inside diameter
 $d \geq 3$ mm.

This is not a standard profile and serves as a replacement for an existing installation space. New constructions should use standard profiles.

application



not bolded symbols; please consult our technical for application limitations

operating parameters & material

diameter range: up to 600 mm

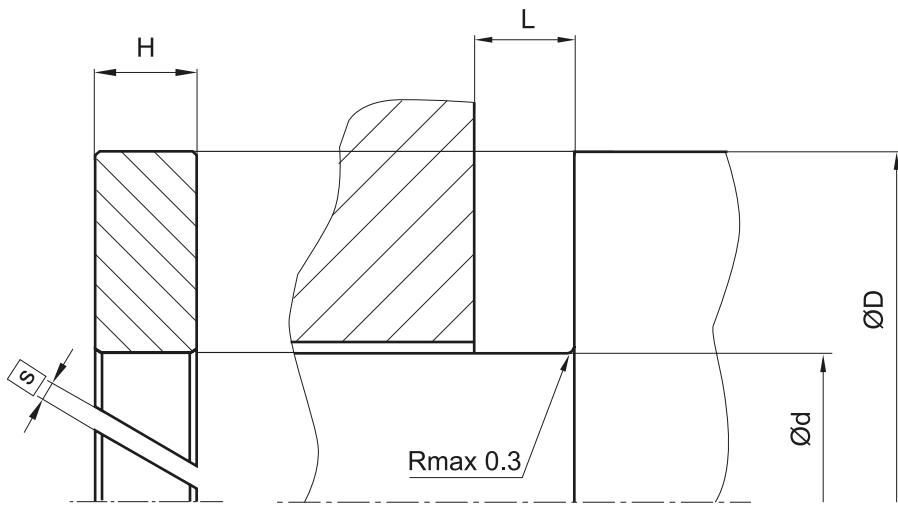
material	temperature	max. surface speed	max. specific load
Ecotal ²	-50 °C ... +100 °C	4,0 m/s	25 N/mm ²
Ecomid ²	-40 °C ... +100 °C	4,0 m/s	25 N/mm ²
Ecoflon 2	-200 °C ... +200 °C	4,0 m/s	3 N/mm ²
Ecoflon 3	-200 °C ... +200 °C	5,0 m/s	4,5 N/mm ²
TEX	-40 °C ... +130 °C	1,0 m/s	90 N/mm ²

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 Ecotal up to $\varnothing 260$ mm, Ecomid above $\varnothing 260$ 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 $s = \dots \text{mm}$
- 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.