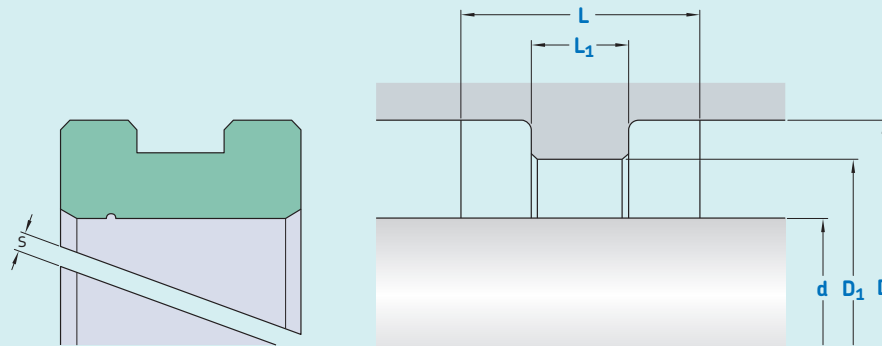


F08



Ordering dimensions in **blue**

Sealing material	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
Surface roughness	μm			
Sliding surface	$\leq 2,5$	0,05–0,3	≤ 2	0,05–0,2
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 $d \geq 22$ mm.

Depending on the application, the geometry of the guide element should be adapted to the type of application (please refer to the profile description – Seal housing). Because uncut versions would be pointless for assembly reasons, rotating applications should to be avoided. Standard version with cutting gap $s > 0$ do not allow a supporting function. For a supporting function a cutting gap of $s = 0$ and a spiral groove is provided. Cutting gap $s \rightarrow$ values depend on material and temperature. For detailed information please contact SKF.

Ordering example

Profile
 $D \times d/d_1 \times L/L_1$ [mm]
 Guide ring material

Guide ring F08
100 x 109/103,5 x 15/5
 SKF Ecotal

Operating parameters

Material Guide ring ³⁾	Temperature		Speed ¹⁾	Specific load ²⁾
	from	to	max	
	°C		m/s	N/mm ²
■ SKF Ecoflon 2	-200	+200	4	3
■ SKF Ecoflon 3	-200	+200	5	5
■ SKF Ecotal	-50	+100	1	25
■ SKF Ecomid	-40	+110	1	25

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

¹⁾ Surface speed limit values are valid only in the presence of a lubrication film.

²⁾ Depending on temperature and allowed compression. Contact SKF for more information.

³⁾ Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.