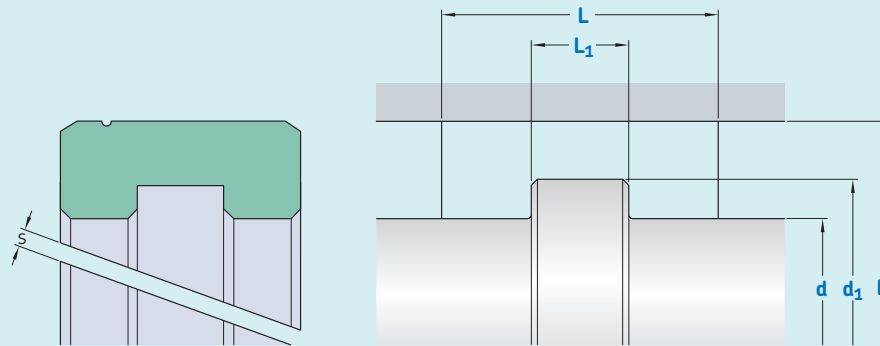


F07



Ordering dimensions in **blue**

Sealing material	TPU / Elastomers		PTFE	
	Surface roughness R_{tmax}	R_a	R_{tmax}	R_a
	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. Because uncut versions would be pointless for assembly reasons, rotating applications should 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 F07
100 x 91/96,5 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.

