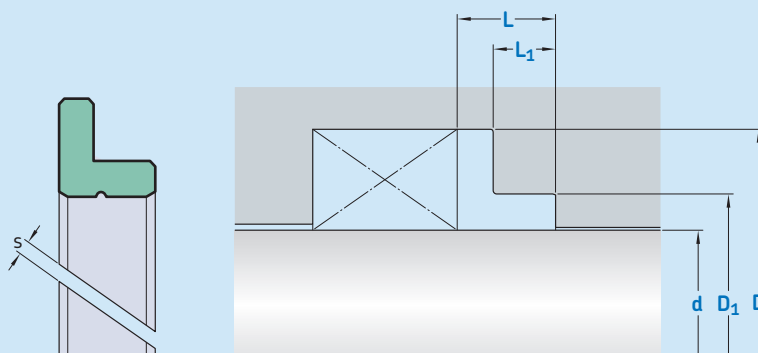


F04



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
	μm		μm	
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		D_1	D_1	L	L_1	
d	f8	H10	H8	+ 0,2	+ 0,2	
over	incl.					
mm						
4	50	d + 10	d + 3	6,5	4	Basic version: with a cutting gap $s > 0$ allow no supporting function. For supporting function a cutting gap $s = 0$ and a spiral groove is used. 1) Cross section usually depends on the seal profile. cutting gap $s \rightarrow$ values depend on material and temperature. For detailed information please refer to the profile description.
50	80	d + 15	d + 4	8	4	
80	150	d + 20	d + 5	10,5	5,5	
150	400	d + 25	d + 6	13,4	7	
400	750	d + 30	d + 8	14,2	7	
750		d + 40	d + 8	15	7	

Ordering example

Profile
d x D/D₁ x L/L₁ [mm]
Guiding material

Guide ring F04
100 x 80/95 x 10,5/5,5
SKF Ecotal



Operating parameters

Material Guiding	Temperature		Speed ¹⁾	Specific load ²⁾
	from	to	max	
–	°C		m/s	N/mm ²
■ SKF Ecoflon 2			4	3,0
■ SKF Ecoflon 3	–200	+200	5	4,5
SKF Ecoflon 60% Bz.				7,5
■ SKF Ecotal ³⁾	–50	+100	4	25
■ SKF Ecomid	–40			
■ SKF Ecotex		+130		90

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. Detailed information see profile description.

³⁾ D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.