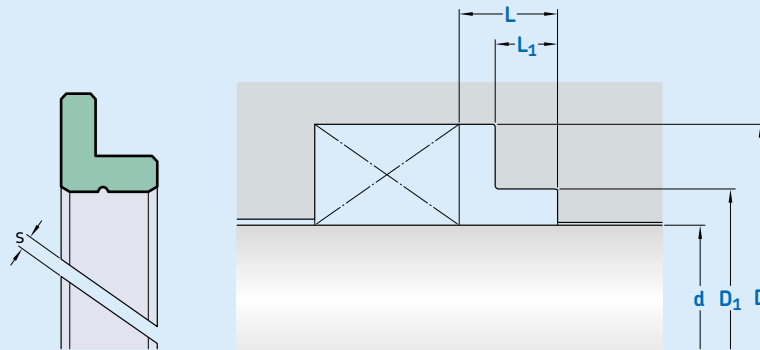


F04



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
	m		m	
Sliding surface	≤ 2,5	0,05–0,3	≤ 2	0,05–0,2
Bottom of groove	≤ 6,3	≤ 1,6	≤ 6,3	≤ 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
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

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.

Ordering example

Profile
 $d \times D/D_1 \times L/L_1$ [mm]
 Guiding material

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

Operating parameters

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

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.