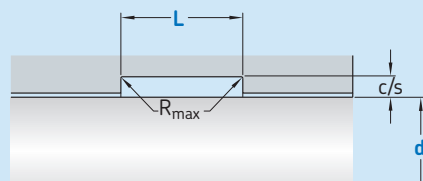
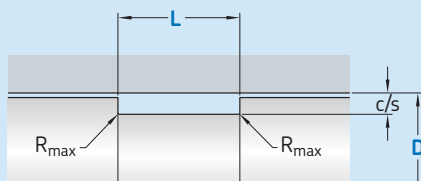
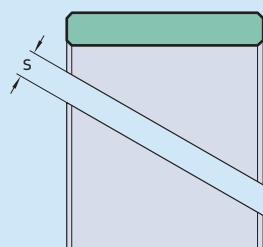


F01



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 Inside dynamic surface			Outside dynamic surface			c/s	L + 0,2	R_{max}
d	D	H9	D	d	f8			
over	incl.		over	incl.				
mm			mm					
6	30	d + 3	6	30	D - 3	1,5	4	0,3
30	50	d + 3	30	50	D - 3	1,5	5,6	0,3
50	100	d + 5	50	100	D - 5	2,5	9,7	0,3
100	800	d + 5	100	800	D - 5	2,5	15	0,3
800		d + 8	800		D - 8	4	25	0,3

* Cutting gap s → values depend on material and temperature. For detailed information please refer to the profile description.

Ordering example

Profile
d x D x L [mm]
Guiding material

Guide ring F01
100 x 105 x 2,5
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.

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