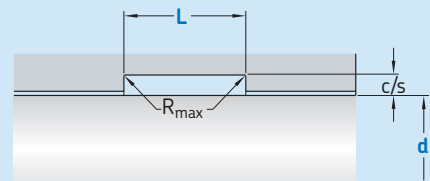
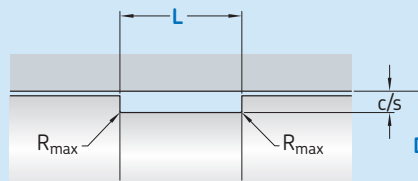
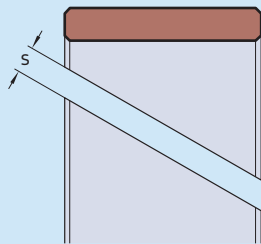


DF01



Ordering dimensions in **blue**

Sealing material	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
Surface roughness	μm		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 Inside dynamic surface			Outside dynamic surface						
d		D	D		d	c/s	L	R_{max}	
f8		H9	H9		f8		+ 0,2		
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	200	d + 5	100	200	D – 5	2,5	15	0,3	

Cutting gap $s \rightarrow$ 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 DF01
100 x 105 x 2,5
SKF Ecoptfe

Operating parameters

Material Guiding	Temperature		Speed ¹⁾	Specific load ²⁾
	from	to	max	
–	°C		m/s	N/mm ²
■ SKF Ecoatfe	–200	+200	4	3,0
■ SKF Ecotal	–50	+100	4	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. Detailed information see profile description.