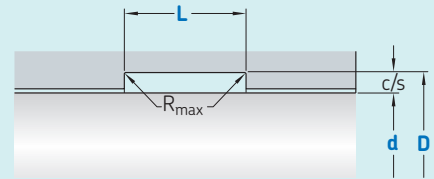
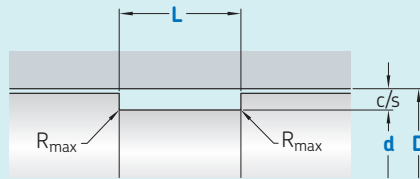
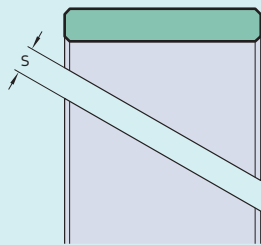


# F01



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	$R_{tmax}$	$R_a$	$R_{tmax}$	$R_a$
	$\mu m$			
<b>Sliding surface</b>	$\leq 2,5$	0,05–0,3	$\leq 2$	0,05–0,2
<b>Bottom of groove</b>	$\leq 6,3$	$\leq 1,6$	$\leq 6,3$	$\leq 1,6$
<b>Groove face</b>	$\leq 15$	$\leq 3$	$\leq 15$	$\leq 3$

Bearing area: 50–95% and a cutting depth of 0,5  $R_z$  based on  $C_{ref} = 0\%$

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

\* Cutting gap s → values depend on material and temperature. For detailed information please contact SKF.

### Ordering example

Profile  
d x D x L [mm]  
Guide ring material

**Guide ring F01**  
**100 x 105 x 2,5**  
**SKF Ecotal**

## Operating parameters

Material Guide ring <sup>3)</sup>	Temperature		Speed <sup>1)</sup>	Specific load <sup>2)</sup>
	from	to	max	
	°C		m/s	N/mm <sup>2</sup>
■ 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
■ SKF Ecotex	-40	+120	1	90

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

<sup>1)</sup> Surface speed limit values are valid only in the presence of a lubrication film.

<sup>2)</sup> Depending on temperature and allowed compression. Contact SKF for more information.

<sup>3)</sup> Size limitation D: Up to 260 mm SKF Ecotal, from 260 – 400 mm SKF Ecotal or SKF Ecomid and above 400 mm SKF Ecomid.