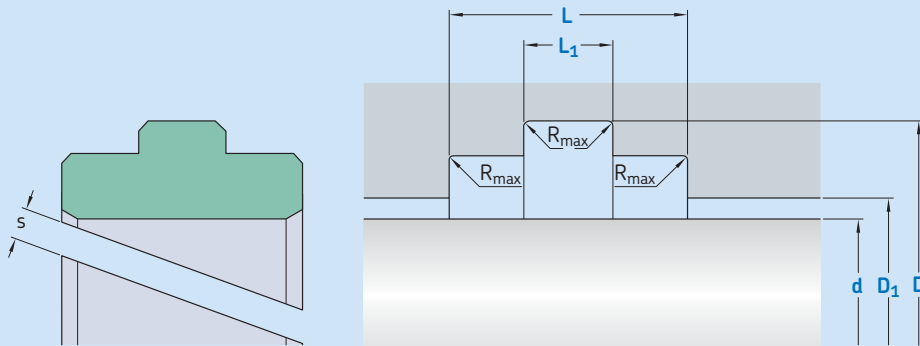


# F06



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	$R_{tmax}$	$R_a$	$R_{tmax}$	$R_a$
	m		m	
<b>Sliding surface</b>	≤ 2,5	0,05–0,3	≤ 2	0,05–0,2
<b>Bottom of groove</b>	≤ 6,3	≤ 1,6	≤ 6,3	≤ 1,6
<b>Groove face</b>	≤ 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	D <sub>1</sub>	D <sub>2</sub>	L	L <sub>1</sub>
d	f8	H10	H8		+ 0,2	+ 0,2
over	incl.					
mm						
<b>5</b>	<b>36</b>	d + 6	d + 2,8	d + 0,35	8,5	3
<b>36</b>	<b>60</b>	d + 7,5	d + 3,2	d + 0,4	10,5	3,5
<b>60</b>	<b>90</b>	d + 9	d + 3,5	d + 0,5	15	5
<b>90</b>	<b>150</b>	d + 9	d + 3,5	d + 0,6	15	5
<b>150</b>	<b>200</b>	d + 16	d + 7,1	d + 0,7	20,3	8
<b>200</b>		d + 17	d + 7,5	d + 0,8	25	8

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

**Ordering example**

Profile  
d x D/D<sub>1</sub> x L/L<sub>1</sub> [mm]  
Guiding material

**Guide ring F06**  
**100 x 109/103,5 x 15/5**  
**SKF Ecotal**

## Operating parameters

Material Guiding	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	3,0
■ SKF Ecoflon 3			5	4,5
■ SKF Ecomid <sup>3)</sup>	–40	+100	4	25
■ SKF Ecotal <sup>3)</sup>	–50			

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. Detailed information see profile description.

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