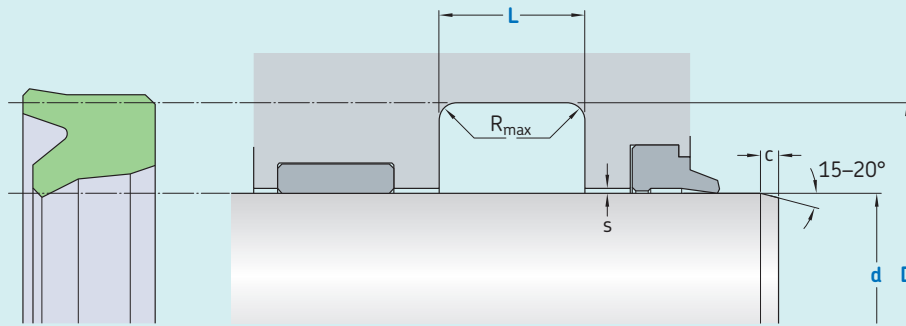


S01-R



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	
Sliding surface	$\leq 2,5$	$0,05-0,3$
Bottom of groove	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 3

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

Standard dimensions						Maximal radial extrusion gap		
d	D	L	R_{max}	c		s^*		
f8	H10	+ 0,2				20 bar	100 bar	160 bar
over	incl.					mm		
mm						mm		
11	25	$d + 8$	6,3	0,4	3,5	0,23	0,16	0,14
25	50	$d + 10$	8,0	0,4	4,0	0,26	0,19	0,17
50	150	$d + 15$	10,0	0,4	5,0	0,31	0,24	0,22
150	300	$d + 20$	14,0	0,4	6,0	0,34	0,27	0,25
300	500	$d + 25$	17,0	0,4	8,5	0,37	0,30	0,29
500	700	$d + 30$	25,0	0,4	10,0	0,40	0,34	0,32
700		$d + 40$	32,0	0,4	13,0	0,40	0,34	0,32

* Extrusion gap values shown above are valid for a temperature of $70^\circ C$, higher temperatures require lower values.

Ordering example

Profile
 $d \times D \times L$ [mm]
 Sealing material

Rod seal S01-R
100 x 115 x 10
SKF Ecorubber-1

Operating parameters

Material Seal	Temperature		Speed ¹⁾	Pressure ²⁾
	from	to	max	max
	°C		m/s	bar (MPa)
■ SKF Ecorubber-1	-30	+100	0,5	160 (16)
■ SKF Ecorubber-H	-25	+150	0,5	160 (16)
■ SKF Ecorubber-2	-20	+200	0,5	160 (16)
■ SKF Ecorubber-3	-50	+150	0,5	160 (16)
■ SKF Ecoflas	-10	+200	0,5	160 (16)
■ SKF Ecosil ³⁾	-60	+200	–	–

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⁾ Pressure ratings depend on the size of the extrusion gap.

³⁾ Only recommended for static or quasi-static-applications.