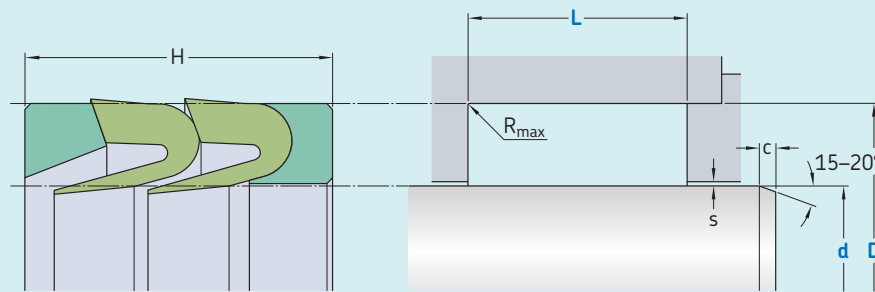


# S32-P



Ordering dimensions in **blue**

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

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

### Standard dimensions

d	f8	D	L	$R_{max}$	c	$s^*$
over	incl.	H10	+ 0,2			500 bar
mm						
<b>25</b>	<b>25</b>	d + 12	24,0	0,4	4,5	0,60
<b>47</b>	<b>47</b>	d + 15	29,0	0,4	5,0	0,38
	<b>100</b>	d + 20	38,0	0,4	6,0	0,50
<b>100</b>	<b>150</b>	d + 25	47,5	0,4	8,5	0,63
<b>150</b>	<b>250</b>	d + 30 / 35	57,0	0,4	10,0	0,75 / 0,88
<b>250</b>	<b>500</b>	d + 40 / 45	76,0	0,4	13,0	1,00 / 1,13
<b>500</b>	<b>1 000</b>	d + 50	95,0	0,4	16,0	1,25
<b>1 000</b>	<b>2 500</b>	d + 60	113,0	0,4	19,0	1,50

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

### Ordering example

Profile  
 d x D x L [mm] / Numbers of chevrons  
 Support ring / Chevron / Pressure ring

**Rod Seal S32-P**  
**75 x 100 x 47,5 / 2**  
**SKF Ecotal / ECOPUR / SKF Ecotal**

## Operating parameters

Material Support ring <sup>3)</sup>	Chevron	Pressure ring <sup>3)</sup>	Temperature		Speed <sup>1)</sup>	Pressure <sup>2)</sup>
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecorubber-1	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR	■ X-ECOPUR	-30	+110	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR	■ SKF Ecomid	-30	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ ECOPUR LD	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ ECOPUR LD	■ SKF Ecomid	-35	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+100	0,5	500 (50)
■ SKF Ecomid	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecomid	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecomid	■ H-ECOPUR	■ X-ECOPUR H	-20	+110	0,5	500 (50)
■ SKF Ecomid	■ H-ECOPUR	■ SKF Ecomid	-20	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecomid	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	500 (50)
■ SKF Ecotal	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	500 (50)
■ SKF Ecomid	■ S-ECOPUR	■ X-ECOPUR S	-20	+110	0,5	500 (50)
■ SKF Ecomid	■ S-ECOPUR	■ SKF Ecomid	-20	+110	0,5	500 (50)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecotal	-30	+100	0,5	500 (50)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecomid	-30	+100	0,5	500 (50)
■ SKF Ecotal	■ T-ECOPUR	■ SKF Ecotal	-50	+100	0,5	500 (50)
■ SKF Ecomid	■ T-ECOPUR	■ SKF Ecomid	-40	+110	0,5	500 (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> Pressure ratings depend on the size of the extrusion gap.

<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.

[skf.com](http://skf.com) | [skf.com/seals](http://skf.com/seals)

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