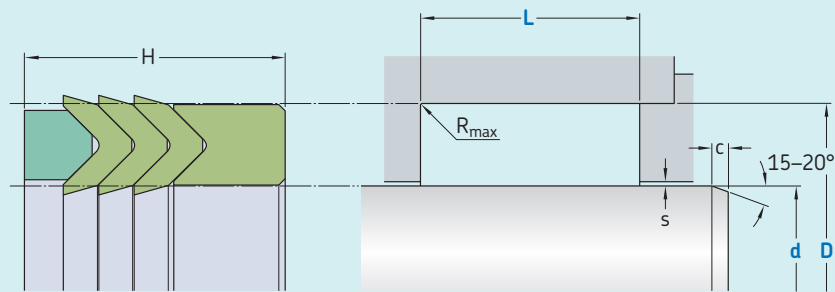


# S1012-T



Ordering dimensions in **blue**

Surface roughness	$R_{tmax}$	$R_a$
	μm	
<b>Sliding surface</b>	≤ 2,5	0,05–0,3
<b>Bottom of groove</b>	≤ 6,3	≤ 1,6
<b>Groove face</b>	≤ 15	≤ 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>10</b>	<b>40</b>	d + 10	16	0,4	4	0,25
<b>40</b>	<b>75</b>	d + 15	25	0,4	5	0,38
<b>75</b>	<b>150</b>	d + 20	32	0,4	6	0,50
<b>150</b>	<b>200</b>	d + 25	40	0,4	8,5	0,63
<b>200</b>	<b>300</b>	d + 30	50	0,4	10	0,75
<b>300</b>		d + 40	63	0,4	13	1,00

\* 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] / Number of chevrons

Support ring / Sealing material / Pressure ring

Rod Seal S1012-T

100 x 120 x 23 / 2

SKF Ecotal / ECOPUR / SKF Ecotal

## Operating parameters

Material Support ring <sup>3)</sup> S10-A	Chevron S11-T	Pressure ring <sup>3)</sup> S12-T	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)
■ SKF Ecoflon 2	■ SKF Ecorubber-1	■ SKF Ecoflon 2	-30	+100	0,5	250 (25)
■ SKF Ecoflon 2	■ SKF Ecorubber-H	■ SKF Ecoflon 2	-25	+150	0,5	250 (25)
■ SKF Ecoflon 2	■ SKF Ecorubber-H	■ SKF Ecopaek	-25	+150	0,5	250 (25)
■ SKF Ecoflon 2	■ SKF Ecorubber-2	■ SKF Ecoflon 2	-20	+200	0,5	250 (25)
■ SKF Ecoflon 2	■ SKF Ecorubber-2	■ SKF Ecopaek	-20	+200	0,5	250 (25)
■ SKF Ecoflon 2	■ SKF Ecorubber-3	■ SKF Ecoflon 2	-50	+150	0,5	250 (25)

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.