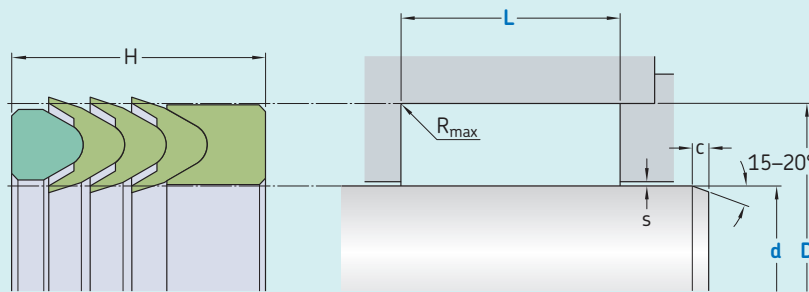


S1315-T



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

d	f8	D	L	R_{max}	c	s^*
over	incl.	H10	+ 0,2			600 bar
mm						
10	40	d + 10	16	0,4	4,0	0,25
40	75	d + 15	25	0,4	5,0	0,38
75	150	d + 20	32	0,4	6,0	0,50
150	200	d + 25	40	0,4	8,5	0,63
200	300	d + 30	50	0,4	10,0	0,75
300		d + 40	63	0,4	13,0	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 S1315-T

100 x 120 x 25 / 2

SKF Ecotal / ECOPUR / SKF Ecotal

Operating parameters

Material Support ring ³⁾ S13-A	Chevron S14-T	Pressure ring ³⁾ S15-T	Temperature		Speed ¹⁾	Pressure ²⁾
			from	to	max	max
			°C		m/s	bar (MPa)
■ SKF Ecorubber-1	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ ECOPUR	■ X-ECOPUR	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR	■ X-ECOPUR	-30	+110	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR	■ SKF Ecomid	-30	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ ECOPUR LD	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ ECOPUR LD	■ SKF Ecomid	-35	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+100	0,5	600 (60)
■ SKF Ecomid	■ G-ECOPUR	■ G-ECOPUR 54D	-30	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ H-ECOPUR	■ SKF Ecomid	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ H-ECOPUR	■ X-ECOPUR H	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ H-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecomid	■ H-ECOPUR	■ X-ECOPUR H	-20	+110	0,5	600 (60)
■ SKF Ecomid	■ H-ECOPUR	■ SKF Ecomid	-20	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ S-ECOPUR	■ SKF Ecomid	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ S-ECOPUR	■ X-ECOPUR S	-20	+100	0,5	600 (60)
■ SKF Ecotal	■ S-ECOPUR	■ SKF Ecotal	-20	+100	0,5	600 (60)
■ SKF Ecomid	■ S-ECOPUR	■ X-ECOPUR S	-20	+110	0,5	600 (60)
■ SKF Ecomid	■ S-ECOPUR	■ SKF Ecomid	-20	+110	0,5	600 (60)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecotal	-30	+100	0,5	600 (60)
■ SKF Ecorubber-1	■ T-ECOPUR	■ SKF Ecomid	-30	+100	0,5	600 (60)
■ SKF Ecotal	■ T-ECOPUR	■ SKF Ecotal	-50	+100	0,5	600 (60)
■ SKF Ecomid	■ T-ECOPUR	■ SKF Ecomid	-40	+110	0,5	600 (60)

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