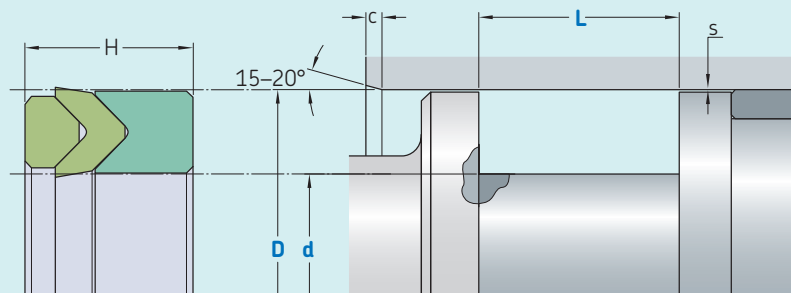


K1012-T



Ordering dimensions in **blue**

Surface roughness	R_{tmax}	R_a
	μm	

Sliding surface $\leq 2,5$ $0,05-0,2$

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	d	L	R_{max}	c	s^*
H9 over	incl.	+ 0,2			500 bar
mm					
40	75	D - 10	9,5	0,4	0,25
75	150	D - 15	12,3	0,4	0,37
		D - 20	21,2	0,4	0,50
150	200	D - 25	25,8	0,4	0,62
200	300	D - 30	33,5	0,4	0,75
300		D - 40	41,5	0,4	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] / Numbers of chevrons

Support ring / Chevron / Pressure ring

Piston seal K1012-T

100 x 80 x 21,2 / 2

SKF Ecotal / ECOPUR / SKF Ecotal

Operating parameters

Material Support ring ³⁾ K10-A	Chevron K11-T	Pressure ring ³⁾ K12-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	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.

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.