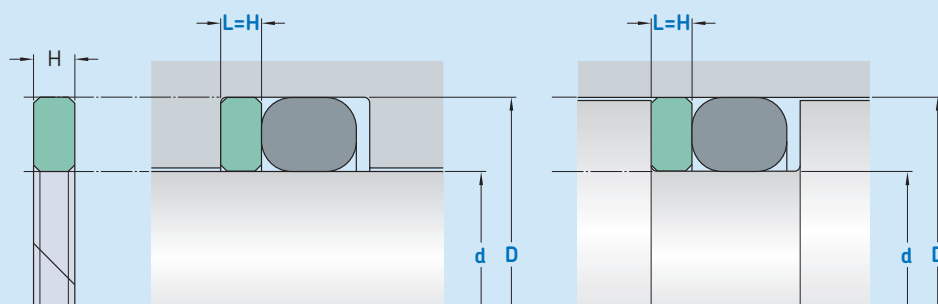


ST08



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Elastomers		PTFE	
	R_{tmax}	R_a	R_{tmax}	R_a
	μm		μm	
Sliding surface	$\leq 2,5$	0,1–0,5	≤ 2	0,05–0,3
Bottom of groove	$\leq 6,3$	$\leq 1,6$	$\leq 6,3$	$\leq 1,6$
Groove face	≤ 15	≤ 3	≤ 15	≤ 3

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

Standard dimensions

Minimum nominal inside diameter
 $d \geq 4,5 \text{ mm}$.

Profile size, surface data and tolerances are the result of a combination of the relevant application specific sealing material. Standard version: cutting gap 0, cut 45°.

Ordering example

Profile
 $d \times D \times L$ [mm]
Backup ring

Backup ring ST08
100 x 120 x 13
SKF Ecotal



Operating parameters

Material Backup ring	Temperature	
	from	to
–	°C	
■ ECOPUR	–30	
■ H-ECOPUR	–20	
■ T-ECOPUR	–50	
■ G-ECOPUR	–30	+110
■ X-ECOPUR		
■ XH-ECOPUR	–20	
■ XS-ECOPUR		
■ G-ECOPUR 54D	–30	
■ SKF Ecoflon 1	–200	+260
■ SKF Ecoflon 2		
■ SKF Ecotal	–50	+100
■ SKF Ecomid	–40	
■ SKF Ecopaek	–100	+260

IMPORTANT NOTE: The stated operating conditions represent general indications. It is recommended not to use all maximum values simultaneously.

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