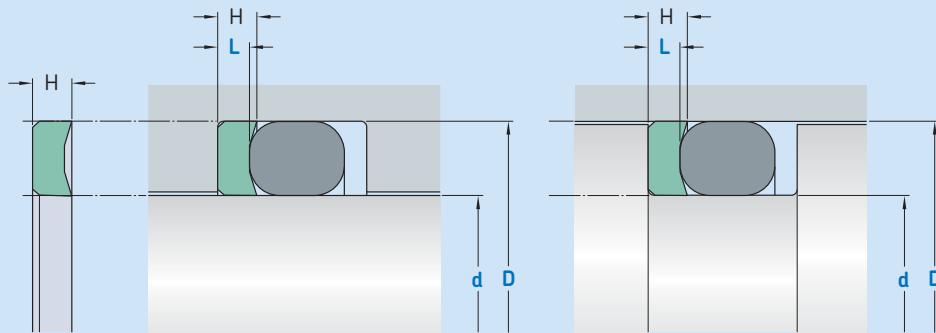


ST09



Ordering dimensions in **blue**

Pressure Surface roughness	Constant		Pulsating	
	R_{tmax}	R_a	R_{tmax}	R_a
	m m		m m	
Sliding surface	≤ 6,3	≤ 1,6	≤ 3,2	≤ 0,8
Bottom of groove	≤ 12,5	≤ 3,2	≤ 6,3	≤ 1,6
Groove face	≤ 12,5	≤ 3,2	≤ 6,3	≤ 1,6

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

Standard dimensions

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

Profile size, surface data and tolerances are the result of a combination of the relevant application specific sealing material. Standard version: uncut.

Ordering example

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

Backup ring ST09
100 x 120 x 13
X-ECOPUR

Operating parameters

Material Backup ring	Temperature	
	from	to
–	°C	
■ ECOPUR		
■ ECOPUR LD		
■ G-ECOPUR		
■ G-ECOPUR 54D		
■ H-ECOPUR	–70	+110
■ S-ECOPUR		
■ T-ECOPUR		
■ X-ECOPUR		
■ X-ECOPUR H		
■ X-ECOPUR S		
■ SKF Ecoflon 1	–200	+260
■ SKF Ecoflon 2		
■ SKF Ecomid ¹⁾	–40	+100
■ SKF Ecopaek	–100	+260
■ SKF Ecotal ¹⁾	–50	+100

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