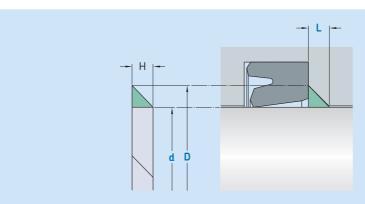


ST12



Ordering dimensions in **blue**

Sealing material Surface roughness	TPU / Ela R _{tmax}	stomers R _a	PTFE R _{tmax}	R_a	
	m m		m m		
Sliding surface Bottom of groove Groove face	≤ 2,5 ≤ 6,3 ≤ 15	0,05–0,3 ≤ 1,6 ≤ 3	≤ 2 ≤ 6,3 ≤ 15	0,05-0,2 ≤ 1,6 ≤ 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 $d \ge 4,5$ 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°.

Profile d x L [mm] Backup ring

Operating parameters						
Material Back up ring	Temperature					
Back-up ring	from	to				
-	°C					
SKF Ecoflon 2	-200	+260				
■ 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 simultaneously. ¹¹) D ≤ 260 mm → SKF Ecotal, D > 260 mm → SKF Ecomid.						

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