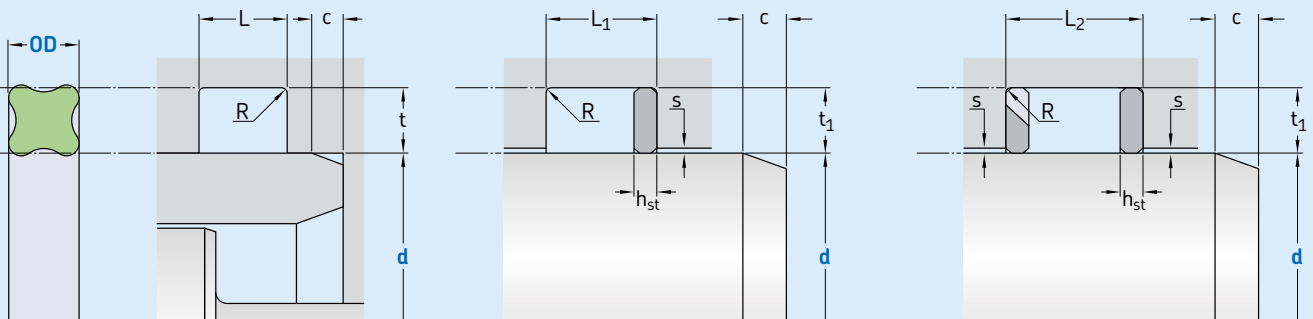


R16



Ordering dimensions in **blue**

Pressure Surface roughness	Constant		Pulsating	
	R_{tmax}	R_a	R_{tmax}	R_a
	m		m	
Sliding surface¹⁾	6,3	1,6	3,2	0,8
Bottom of groove²⁾	12,5	3,2	6,3	1,6
Groove face	12,5	3,2	12,5	3,2

¹⁾ R_{tmax} / R_a for dynamic application: 1,6 $\mu\text{m} / 0,4 \mu\text{m}$
²⁾ R_{tmax} / R_a for dynamic application: 6,3 $\mu\text{m} / 1,6 \mu\text{m}$
 Bearing area: 50–95% and a cutting depth of 0,5 R_z based on $C_{ref} = 0\%$

Standard dimensions										
OD	t	L	$t_1^{3)}$	L_1	L_2	R	h_{st}	c	s	
AS 568A ¹⁾	ISO 3601 ²⁾									
mm										
2,62	2,65	2,25	3	2,35	4,4	5,8	0,3	1,4	3,5	0,08
3,53	3,55	3,1	4	3,21	5,4	6,8	0,4	1,4	4	0,08
5,33	5,3	4,75	6	4,89	7,7	9,4	0,4	1,7	5	0,10
6,99	7	6,2	8	6,40	10,5	13	0,6	2,5	6	0,10

¹⁾ American standard
²⁾ DIN 3771
³⁾ Dynamic applications only!

Ordering example

Profile
 d x OD [mm]
 Sealing material

Rotary seal R16
 100 x 3,55
 SKF Ecorubber-1

Operating parameters

Material Seal	Temperature		Speed	Pressure
	from	to	max	max
–	°C		m/s	bar (MPa)
■ ECOPUR	–30			
■ ECOPUR LD				
■ G-ECOPUR		+110		400 (40)
■ H-ECOPUR	–20			
■ S-ECOPUR			only recommended for static application	
■ T-ECOPUR	–50			
■ SKF Ecoflas	–10	+200		
■ SKF Ecorubber-H	–25	+150		
■ SKF Ecorubber-1	–30	+100		50 (5)
■ SKF Ecorubber-2	–20	+200		
■ SKF Ecorubber-3	–50	+150		

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