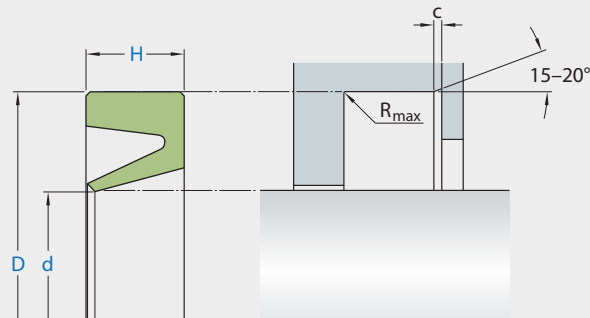


R08-A



Ordering dimensions in blue

Surface roughness	R_{tmax}	R_a
Sliding surface	$\leq 2,5 \mu m$	0,1–0,5 μm
Bottom of groove	$\leq 6,3 \mu m$	$\leq 1,6 \mu m$
Groove face	$\leq 15 \mu m$	$\leq 3 \mu m$

Hardness: Min 45 HRC (55 HRC recommended), hardened depth > 0,3 mm.
 Bearing area: 50–95% and a cutting depth of 0,5 R_z , based on $C_{ref} = 0\%$

Standard dimensions		
NB	c	R_{max}
mm		
6,0	1	0,3
7,5	1,2	0,3
10,0	1,5	0,3
15,0	1,8	0,3
20,0	3	0,3
25,0	3,3	0,3

Because of the design diversity of this profile, it is not useful to classify it.
 The standard design considers no preload on the sealing lip.

application



operating parameters & material

diameter range: up to 600 mm

sealing element	temperature	max. surface speed	max. pressure ¹
all material possible	choice is dependent upon application (preload, ...)		

the stated operation conditions represent general indications. it is recommended not to use all maximum values simultaneously. surface speed limits apply only to the presence of adequate lubrication film.