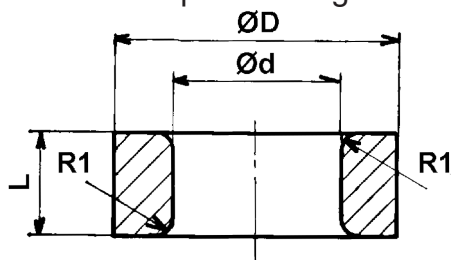


GENERAL TECHNICAL SPECIFICATION

for ceramic products

Material		95	99,5	99,8	Al ₂ O ₃ content %	ZrO ₂	Zirconia
Surface Finishes	CODE	N	Normal finish $r_a=1,0\mu m$				
		D	Diamond Polish $r_a=0,5\mu m$				
Hardness		H	~1500HV			XH	~1800HV

Example Drawing:



$$\varnothing D \leq 10 [+0 / -0,4]$$

$$\varnothing D > 10 [+0 / -4\%]$$

$$\varnothing d \leq 10 [+0,4 / -0]$$

$$\varnothing d > 10 [+4\% / -0]$$

Other dimensions according to DIN ISO 2768cL

Linear Dimensions					
Permissible deviations in mm for ranges in nominal lengths	0,5 - 3	3 - 6	6 - 30	30 - 120	120 - 400
c (coarse)	±0,2	±0,3	±0,5	±0,8	±1,2
Angular Dimensions					
Permissible deviations in mm for ranges in nominal lengths	< 10	10 - 50	50 - 120	120 - 400	400 <
c (coarse)	±1°30'	±1°	±0°30'	0°15'	0°10'
External Radius and Chamfer Heights					
Permissible deviations in mm for ranges in nominal lengths	0,5 - 3	3 - 6	6 <		
c (coarse)	±0,4	±1,0	±2,0		

	Straightness and flatness					Perpendicularity			Symmetry			Run out
Ranges in nominal lengths in mm	< 10	10 - 30	30 - 100	100 - 300	300 - 1000	< 100	100 - 300	300 - 1000	<100	100 - 300	300 - 1000	
L	0,1	0,2	0,4	0,8	1,2	0,6	1	1,5	0,6	1	1,5	0,5

Subec will also produce custom made Ceramics on request.