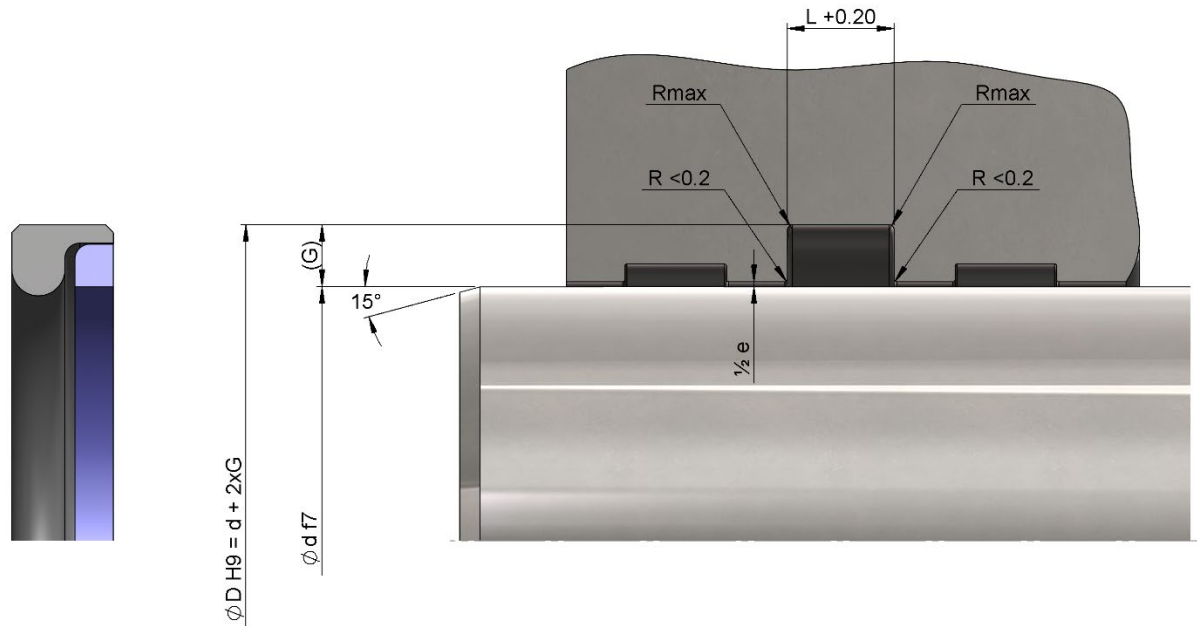


LLR1 L-Seal – to suit a 1 backup groove



For surface finish requirements, lead in chamfer and other installation dimensions see "General installation guidelines".

Range of Application

Operating Pressure	Normal >175 bar	Extreme ≤3300 bar ⁽²⁾
Operating Temperature:	-40°C to +250°C ⁽¹⁾	
Sliding Speed:	≤1.3m/s	

- 1) Limited by the O-Ring material.
2) Dependant on temperature, backup ring material and thickness, and extrusion gap.

Housing Dimensions

Cross Section	Nominal Cross Section	Recommended ID Ø Range		Groove Width	Groove Depth		Radius Max
		d		L	G		R
	(mm)	≥	<	(mm)	(mm)		(mm)
					Static	Dynamic	
000	1.78	2.4	35	3.81	1.30	1.44	0.4
100	2.62	9.5	71	4.65	2.09	2.29	0.4
200	3.53	19	124	5.97	2.85	3.11	0.6
300	5.33	38	114	8.48	4.35	4.75	0.9
400	6.99	114	395	12.07	5.78	6.10	0.9

- Fits AS4716 groove sizes
- L-shape eliminates spiral failure
- Backup rings reduce extrusion risk
- Single-acting seal