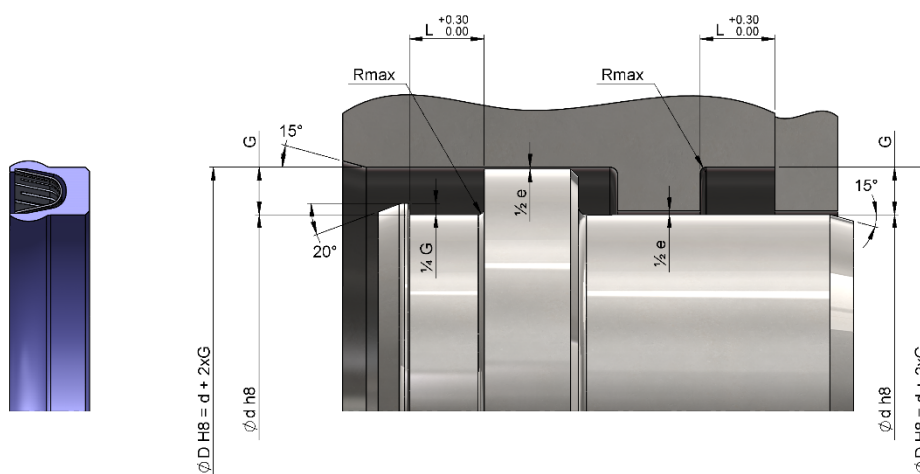


LSE12 Finger Spring Seal – Extended Heel



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

Range of Application

Operating Pressure	Extreme $\leq 1,000 \text{ bar}^{(1)}$
Operating Temperature:	-250°C to $+300^{\circ}\text{C}$
Sliding Speed:	$\leq 15 \text{ m/s}$
Rotating Speed:	$\leq 1.2 \text{ m/s}$

1) Consult Lanson for extreme pressure applications.

Housing Dimensions

Cross Section	Nominal Cross section	Recommended ID Ø range		Groove width	Groove depth	Gap	Radius max
		d		L	G	e	R
	(mm)			(mm)	(mm)	(mm)	(mm)
		≥	<				
000	1.42	3	40	3.8	1.42	0.10	0.4
100	2.26	6	200	4.6	2.26	0.13	0.5
200	3.07	10	400	6.0	3.07	0.15	0.6
300	4.72	20	700	8.5	4.72	0.18	0.7
400	6.05	35	1600	12.1	6.05	0.20	0.8
500	9.35	80	2500	15.0	9.35	0.24	0.9

- Extended heel that reduces effects of extrusion.
- Finger spring for medium load and high deflection range.
- Suitable for static or dynamic applications
- Can be used for both ID and OD sealing.
- Can be installed into non split grooves
- Additional sizes of machined products available.
- High chemical resistance.