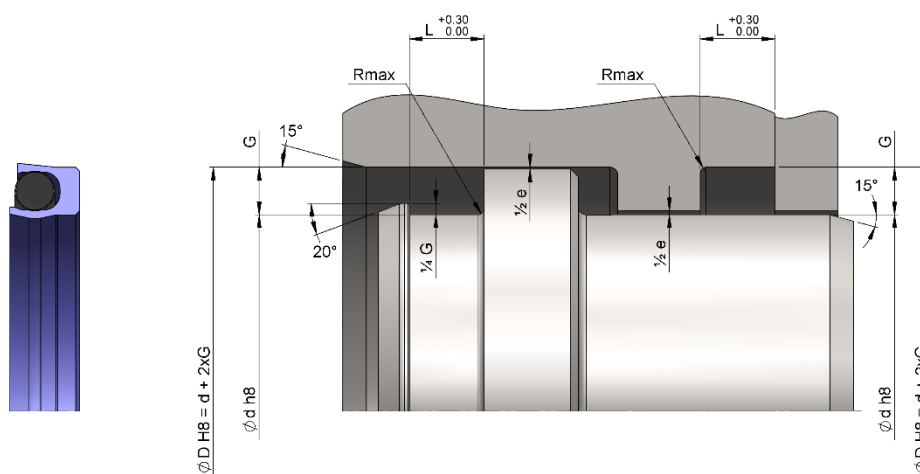


LSE06 Helicoil Spring Seal – Extended Heel, OD Wiper Lip



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

Range of Application

Operating Pressure	Extreme ≤1,000 bar ⁽¹⁾
Operating Temperature:	-250°C to +300°C
Sliding Speed:	≤15m/s
Rotating Speed:	≤1.2m/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.
- Helical spring for high load and small deflection range.
- Ideal for reciprocating piston applications.
- Wiper lip aids the removal of particulate matter.
- Additional sizes of machined products available.
- Can be installed into non split grooves
- High chemical resistance.