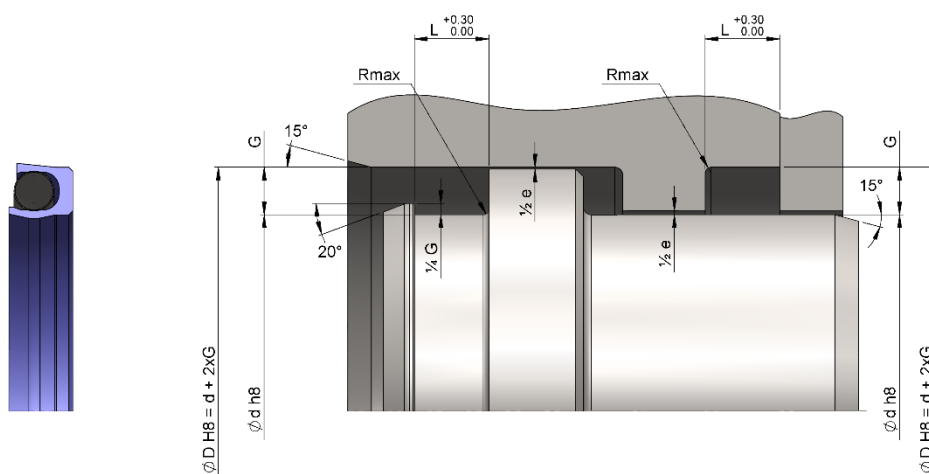


LSE05 Helicoil Spring Seal – OD Wiper Lip



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	2.4	1.42	0.10	0.4
100	2.26	6	200	3.6	2.26	0.13	0.5
200	3.07	10	400	4.8	3.07	0.15	0.6
300	4.72	20	700	7.1	4.72	0.18	0.7
400	6.05	35	1600	9.5	6.05	0.20	0.8
500	9.35	80	2500	13.5	9.35	0.24	0.9

- Helical spring for high load and small deflection range.
- Ideal for reciprocating piston applications.
- Wiper lip aids the removal of particulate matter.
- Can be installed into non split grooves
- Additional sizes of machined products available.
- High chemical resistance.