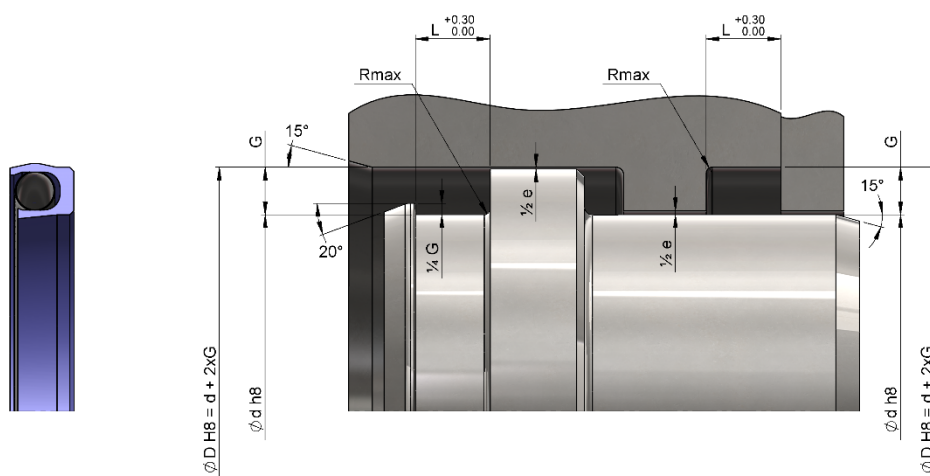


LSE03 Helicoil Spring Seal – ID Wiper Lip



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 $\varnothing$ range		Groove width	Groove depth	Diametral Gap	Radius max
		d		L	G	e	R
	(mm)			(mm)	(mm)	(mm)	(mm)
		$\geq$	$<$				
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 rod 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.