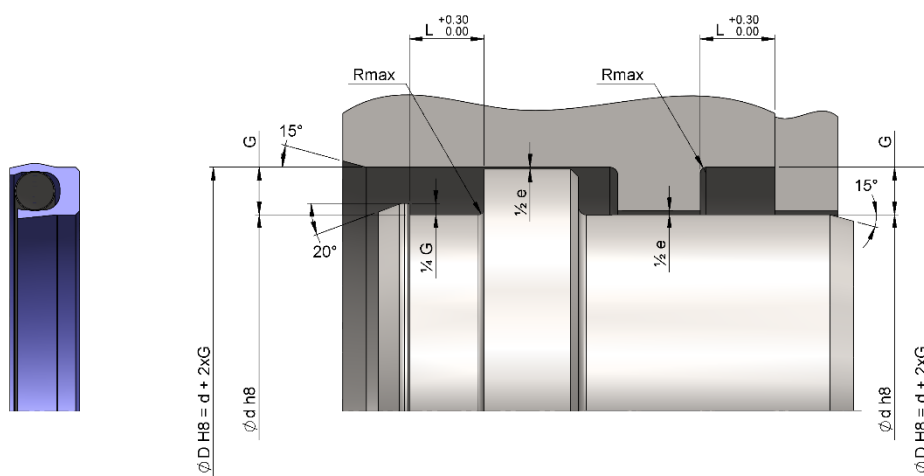


## LSE04 Helicoil Spring Seal – Extended Heel, ID Wiper Lip



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

### Range of Application

|                        |                                   |
|------------------------|-----------------------------------|
| Operating Pressure     | Extreme ≤1,000 bar <sup>(1)</sup> |
| 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 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.