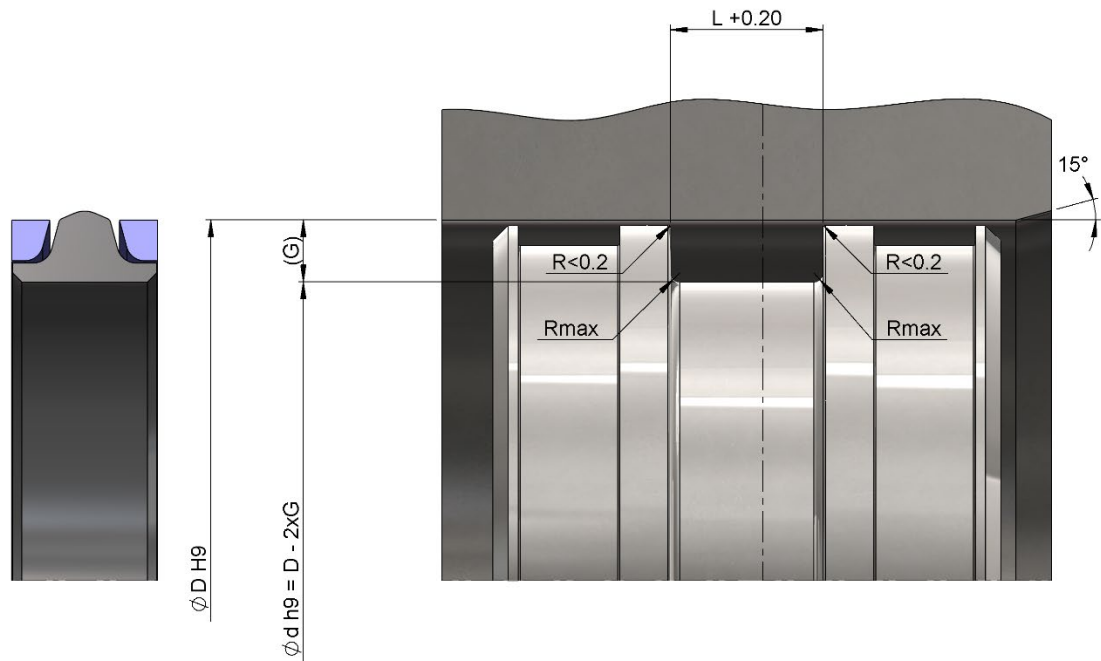


## LATP2 Angled T-Seal – to suit a 2 backup groove



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

### Range of Application

|                               |                                |                                  |
|-------------------------------|--------------------------------|----------------------------------|
| <b>Operating Pressure</b>     | Normal >175 bar                | Extreme ≤5000 bar <sup>(2)</sup> |
| <b>Operating Temperature:</b> | -40°C to +250°C <sup>(1)</sup> |                                  |
| <b>Sliding Speed:</b>         | ≤1.3m/s                        |                                  |

- 1) Limited by the O-Ring material.  
2) Dependant on temperature, backup ring material and thickness, and extrusion gap.

### Housing Dimensions

| Cross Section | Nominal Cross Section | Recommended ID Ø Range |     | Groove Width | Groove Depth |         | Radius Max |
|---------------|-----------------------|------------------------|-----|--------------|--------------|---------|------------|
|               |                       | D                      |     | L            | G            |         | R          |
|               | (mm)                  | ≥                      | <   | (mm)         | (mm)         |         | (mm)       |
|               |                       |                        |     |              | Static       | Dynamic |            |
| 000           | 1.78                  | 2.4                    | 38  | 5.26         | 1.30         | 1.44    | 0.4        |
| 100           | 2.62                  | 7.5                    | 76  | 6.22         | 2.09         | 2.29    | 0.4        |
| 200           | 3.53                  | 25                     | 124 | 7.72         | 2.85         | 3.11    | 0.6        |
| 300           | 5.33                  | 47                     | 124 | 10.77        | 4.35         | 4.75    | 0.9        |
| 400           | 6.99                  | 125                    | 405 | 14.71        | 5.78         | 6.10    | 0.9        |

- Fits AS4716 groove sizes
- T-shape eliminates spiral failure
- Backup rings reduce extrusion risk
- Dual-acting seal