
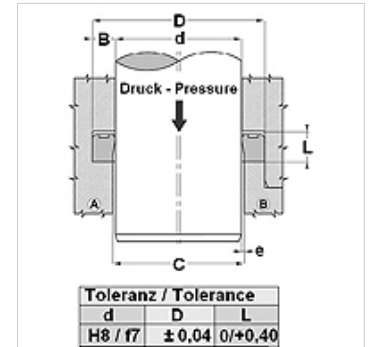


## Properties

|                           |  |
|---------------------------|--|
| <b>Design</b>             | Rod U-ring   |
| <b>Operating pressure</b> | up to 500 bar  |
| <b>Sliding speed max.</b> | 0,5 m/s  |
| <b>Temp. min.</b>         | -30 °C   |
| <b>Temp. max.</b>         | 80 °C  |
| <b>Media</b>              | Mineral oils   |
| <b>Installation</b>       | in closed grooves A<br>in open grooves B               |
| <b>Material</b>           | (1) Seal: PUR<br>(2) Support ring: acetal resin / PTBR |
| <b>Application</b>        | Hydraulics   |



| Spaltmaß / Clearance |           |        |                   |        |
|----------------------|-----------|--------|-------------------|--------|
| Druck<br>bar         | e (mm)    |        |                   |        |
|                      | TS-TS...L |        | TS...-AI-TS...-LA |        |
|                      | d<60mm    | d>60mm | d<60mm            | d>60mm |
| 50                   | <0,40     | <0,50  | <0,60             | <0,80  |
| 100                  | <0,30     | <0,40  | <0,60             | <0,80  |
| 200                  | <0,20     | <0,30  | <0,40             | <0,60  |
| 300                  | <0,15     | <0,20  | <0,30             | <0,40  |
| 400                  | <0,10     | <0,15  | <0,20             | <0,30  |
| 500                  |           | <0,10  | <0,15             |        |



## Description

High abrasion resistance.  
Extremely good sealing effect at low pressure.  
Fast alternation of loads.

## Ordering information

We are able to produce seals with diameters of 20 to 510 mm with short lead times.

## Item

| Identification | d<br>(mm) | D<br>(mm) | L<br>(mm) |
|----------------|-----------|-----------|-----------|
| TS 25 36-AI    | 25        | 36        | 6,0       |
| TS 70 80-2-AI  | 70        | 80        | 13,0      |