

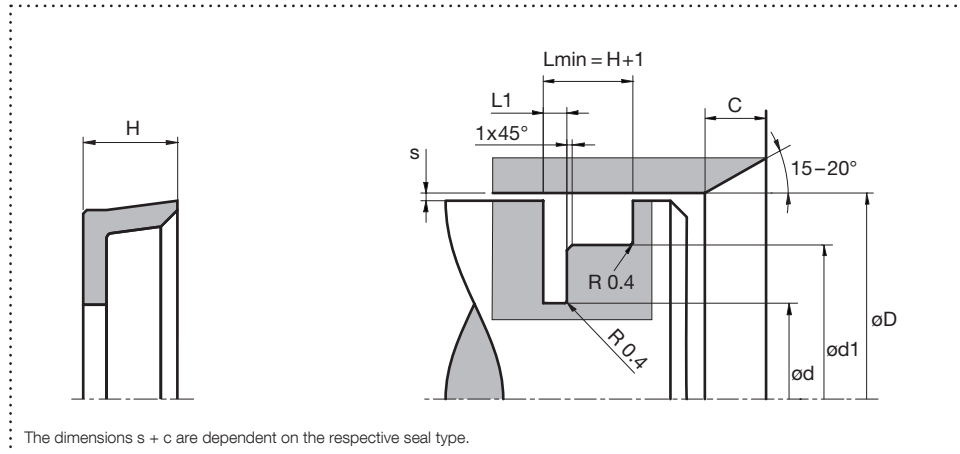


trygonal

# Wiper TA17

## Hydraulics/Pneumatics, single acting

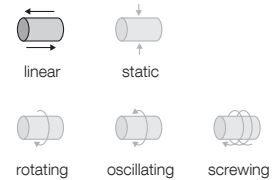
### Housing design



### Design

- External wipers
- Use mainly as replacement element
- Also for high chemical and thermal requirements auslegbar
- Applications in old hydraulic and pneumatic cylinders

### Application



Brightened symbols:  
Seal only for limited use.  
Please contact us.

### Surface finish

| Roughness       | Rtmax (µm) | Ra (µm)   | Material portion  |
|-----------------|------------|-----------|---|
| Sliding surface | ≤ 2,5      | 0,1 – 0,5 | Ratio contact area: 50 – 95%<br>at a cutting depth of 0.5 x Rz<br>starting from Cref = 0% |
| Groove base     | ≤ 6,3      | ≤ 1,6     |   |
| Groove flanks   | ≤ 15       | ≤ 3       |   |

### Standard dimensions

This is not a standard profile and serves only as a replacement in already existing installation spaces. If possible, standard profiles should be used.

### Material and application parameters

| Sealing element | Temperature (°C) | max. sliding speed (m/s) |
|-----------------|------------------|--------------------------|
| HPU premium     | -30 – +110       | 0,5                      |
| HPU diet        | -20 – +110       | 0,5                      |
| HPU lubric      | -20 – +110       | 0,7                      |
| HPU taiga       | -50 – +110       | 0,5                      |
| NBR standard    | -30 – +100       | 0,5                      |
| FPM diet br     | -20 – +200       | 0,5                      |
| EPDM spring     | -50 – +150       | 0,5                      |
| HNBR diet       | -25 – +150       | 0,5                      |
| AFLAS® standard | -10 – +200       | 0,5                      |

The specified application parameters are generally valid values and must not be used simultaneously with the application. An order can be placed by specifying the profile type, material and specified housing design dimensions.