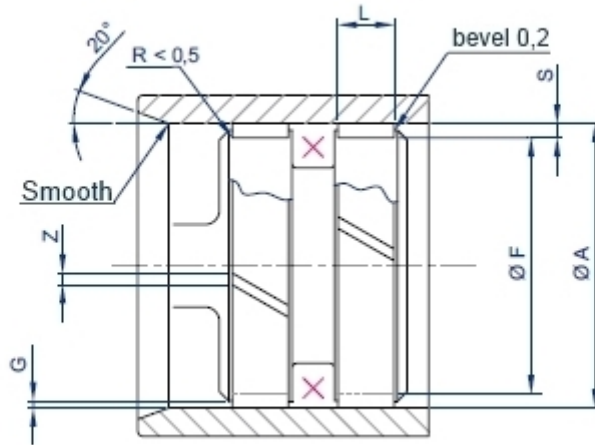


## Guide rings | FT piston guide rings



FT WEAR RINGS. Polyester resin and fabric wear rings. For high loads. Available in a wide dimensional range. Installation in the same housing as for Neuflon-ptfe compound band and FR rings.



## SEAT

| S<br>Thickness | F<br>groove diameter | L<br>groove width | G<br>piston-cylinder clearance                        |
|----------------|----------------------|-------------------|---|
|                | <b>j8 - h8</b>       | <b>H11</b>        | <b>max S x 0.4</b>                                    |
| <b>2.5</b>     | <b>A - 5</b>         | <b>6.3</b>        | <b>max S x 0.4</b><br>according with the seal adopted |
| <b>2.5</b>     |                      | <b>8.1</b>        |   |
| <b>2.5</b>     |                      | <b>9.7</b>        |   |
| <b>2.5</b>     |                      | <b>15</b>         |   |
| <b>2.5</b>     |                      | <b>20</b>         |   |
| <b>2.5</b>     |                      | <b>25</b>         |   |
| <b>2.5</b>     |                      | <b>30</b>         |   |
| <b>2.5</b>     |                      | <b>40</b>         |   |
| <b>4.0</b>     |                      | <b>A - 8</b>      |   |

### Coding example

Product: FT  
Bore: 100  
Groove diameter: 95  
Groove width: 15

**FT 100 x 95 x 15**



## MATERIALS

| CHARACTERISTIC                              | SPECIFICATION | UNIT                    | VALUE              |
|---|---------------|-------------------------|--------------------|
| Color                                       |               |                         | blue               |
| SPECIFIC LOAD $Q_s$ $T < 100^\circ\text{C}$ |               | N.mm-2                  | 75                 |
| Compression resistance                      | D695-54       | N.mm-2                  | 340                |
| Hardness                                    | D2240-74      | Rockwell M              | 100                |
| Friction coefficient                        |               |                         | 0.2                |
| Max. Speed                                  |               | m/sec                   | 1                  |
| Thermal expansion coefficient               | D696-70       | 10-6 / $^\circ\text{C}$ | 20                 |
| Continual operational Temperature           |               | $^\circ\text{C}$        | 130                |
| Peak Temperature                            |               | $^\circ\text{C}$        | 150                |
| Flammability                                | D635-68       |                         | self extinguishing |