

## Indexing plungers

**Steel / Stainless Steel, with flange**  
**for surface mounting, right-angled to the plunger pin**

### SPECIFICATION

#### Type

- Type **A**: with pull ring

#### Version in Steel **ST**

##### Guide

Steel precision casting  
zinc plated, blue passivated **ZB**  
zinc plated and plastic coated  
black, RAL 9005, textured finish **SW**

##### Plunger pin / Pull ring

Steel, zinc plated, blue passivated

##### Spring

Stainless Steel AISI 316Ti

#### Version in Stainless Steel **A4**

##### Guide / Pull ring

Stainless Steel precision casting **A4**  
AISI 316

##### Plunger pin

Stainless Steel AISI 316

##### Spring

Stainless Steel AISI 316Ti

##### Grub screw DIN 915

Steel, zinc plated (for ZB and SW)

Stainless Steel A4 (for A4)



### INFORMATION

With indexing plungers GN 722.5, the plunger pin is actuated via the pull ring. This is done either manually, with a cable or by means of an extended pull rod with hook. The **ZB** and **SW** versions are designed for applications in steel construction, whereas the **A4** stainless steel version is suitable for use in particularly aggressive environments.

The dimensional tolerances between plunger pin and guide are selected so that the functional reliability is guaranteed even after welding, applying a corrosion protection layer or in case of contamination.

The hexagonal mounting holes allow the use of socket cap screws DIN 912 and hexagon screws or nuts according to DIN 931 or DIN 934.

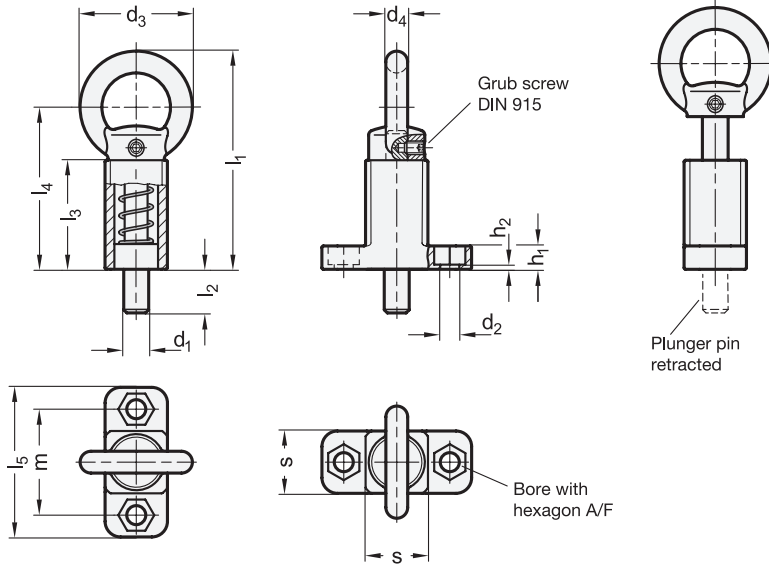
- Range of indexing plungers (see page 738)

### TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)

- Load rating information (see page A42)





GN 722.5-ST

| Description         | d1 Pin<br>-0.05/-0.25<br>Bore<br>+0.1/+0.3 | s  | d2<br>+0.3 | d3 | d4 | h1  | h2  | l1 ≈ | l2 | l3 | l4 | l5 | m  | A/F | Spring<br>load in<br>N ≈<br>initial | Spring<br>load in<br>N ≈<br>end | ⚖   |
|---------------------|--|----|------------|----|----|-----|-----|------|----|----|----|----|----|-----|-------------------------------------|---------------------------------|-----|
| GN 722.5-8-20-A-SW  | 8  | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 157 |
| GN 722.5-8-20-A-ZB  | 8  | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 157 |
| GN 722.5-10-20-A-SW | 10   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 160 |
| GN 722.5-10-20-A-ZB | 10   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 160 |
| GN 722.5-12-20-A-SW | 12   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 164 |
| GN 722.5-12-20-A-ZB | 12   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 164 |
| GN 722.5-14-20-A-SW | 14   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 169 |
| GN 722.5-14-20-A-ZB | 14   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 169 |
| GN 722.5-16-30-A-SW | 16   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 701 |
| GN 722.5-16-30-A-ZB | 16   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 701 |
| GN 722.5-20-30-A-SW | 20   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 718 |
| GN 722.5-20-30-A-ZB | 20   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 718 |

GN 722.5-A4

STAINLESS STEEL

| Description         | d1 Pin<br>-0.05/-0.25<br>Bore<br>+0.1/+0.3 | s  | d2<br>+0.3 | d3 | d4 | h1  | h2  | l1 ≈ | l2 | l3 | l4 | l5 | m  | A/F | Spring<br>load in<br>N ≈<br>initial | Spring<br>load in<br>N ≈<br>end | ⚖   |
|---------------------|--|----|------------|----|----|-----|-----|------|----|----|----|----|----|-----|-------------------------------------|---------------------------------|-----|
| GN 722.5-8-20-A-A4  | 8  | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 160 |
| GN 722.5-10-20-A-A4 | 10   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 163 |
| GN 722.5-12-20-A-A4 | 12   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 165 |
| GN 722.5-14-20-A-A4 | 14   | 20 | 6.1        | 36 | 7  | 7.5 | 1.5 | 70   | 14 | 35 | 52 | 48 | 34 | 10  | 15                                  | 50                              | 170 |
| GN 722.5-16-30-A-A4 | 16   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 703 |
| GN 722.5-20-30-A-A4 | 20   | 30 | 10.1       | 50 | 10 | 15  | 5   | 103  | 20 | 54 | 78 | 80 | 55 | 17  | 30                                  | 110                             | 721 |

