



Example for positioning of a workpiece



- 2** Type
- LKU** Fixing from the left, with spring plunger
  - RKU** Fixing from the right, with spring plunger
  - BKU** Fixing from both sides, with spring plunger
  - L** Fixing from the left, without spring plunger
  - R** Fixing from the right, without spring plunger
  - B** Fixing from both sides, without spring plunger

**1**

| $d_1$<br>Bore for spring plunger GN 614 | $d_2$<br>Ball $\varnothing$ | $d_3$<br>for countersunk screw DIN 7991 | $d_4 -0,05$ | $b$  | $h_1 \pm 0,05$ | $h_2$ | $l_1 \pm 0,05$ | $l_2$ | $w -0,1$<br>Compression | Spring load in N $\approx$<br>initial      end |    |
|---|-----------------------------|---|-------------|------|----------------|-------|----------------|-------|-------------------------|--|----|
| 6                                       | 5                           | 3,2    M 3                              | 3           | 8,5  | 4,25           | 3,2   | 7,5            | 3     | 1,6                     | 6,5  | 13 |
| 8                                       | 6,5                         | 4,3    M 4                              | 4           | 10,5 | 5,25           | 4,2   | 9,5            | 4     | 1,9                     | 8  | 18 |

**Specification**

- Zinc die casting nickel plated
- Spring plunger GN 614-KU
  - Housing  
Plastic (Polyacetal POM)  
temperature resistant up to 50 °C
  - Ball  
Stainless Steel AISI 420C, hardened
- RoHS compliant

**Information**

Side thrust pins GN 614.1 are used for arresting and as press-on or press-off elements. The easy attachment using one or two countersunk screws also allows its use where a location borehole with the tolerance field H7 for the spring plunger would not be possible from its size and manufacturability.

Side thrust pins GN 614.1 consist of a holder for spring plungers and a Stainless Steel-Spring plunger GN 614 of type KU.

For types R, L and B, only a „empty“ holder for spring plungers (without spring plungers) are supplied which can then be used together with all other design variants of GN 614-6 and GN 614-8 of the types KD, MS and NI.

see also...

- *Stainless Steel-Spring plungers GN 614* → Page 720

|  |   |       |
|--|---|-------|
| How to order (Side thrust pins)<br><b>GN 614.1-6-BKU</b> | 1 | $d_1$ |
|  | 2 | Type  |

|   |   |       |
|---|---|-------|
| How to order (Holder for spring plunger)<br><b>GN 614.1-6-R</b> | 1 | $d_1$ |
|   | 2 | Type  |