

## Centering Clamping Elements with clamping segments

23340.0070



### Product Description

For clamping and centering of workpieces with internal bore. Exact self centering with a precision of  $\pm 0,025$  mm. Due to the clamping segments being ground, workpieces with raw and/or machined surfaces can be frictionally connected, centered and held down at the seats. Large adjustment stroke and a low building height are a feature of the centering clamping element. **Mounting from either top or bottom.**

### Material

#### Body

- Tool steel, hardened, blackened

#### Spring

- Stainless steel

#### Clamping segments

- Stainless steel 1.4112, hardened and ground

### Assembly

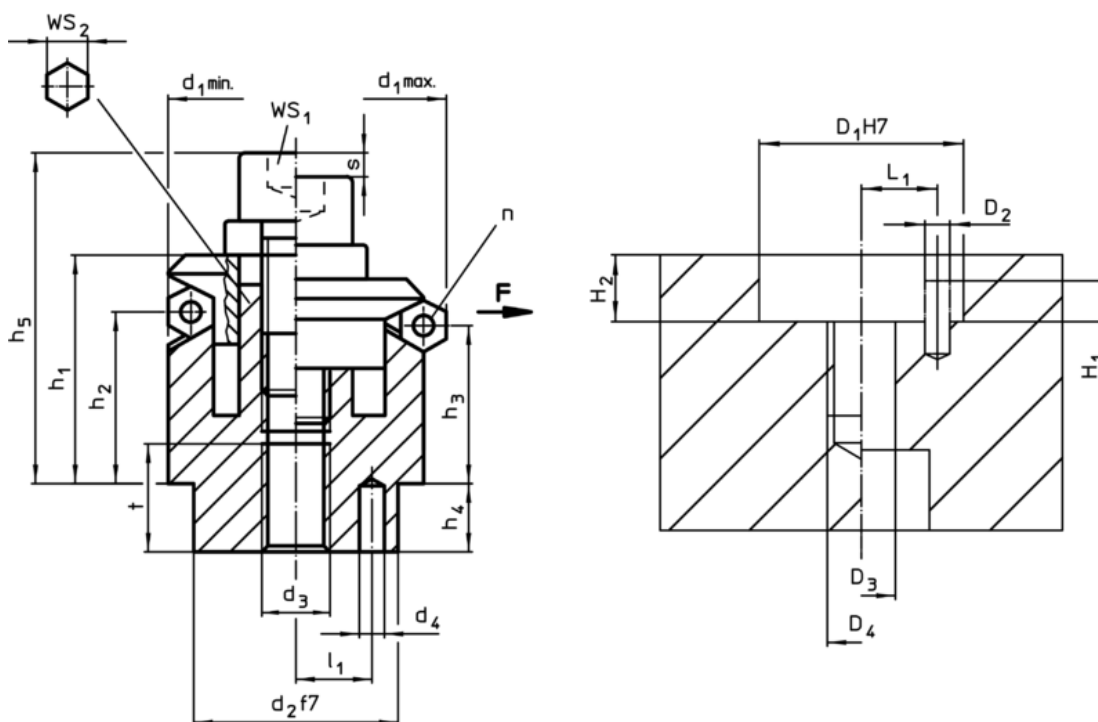
Assembly instruction for mounting from the top: Take-off clamping plate and screw. Fasten body by means of threaded pin via WS<sub>2</sub>.

### More information

### Further products

- Centering Clamping Elements, with clamping balls

### Drawing



### Order information

| Dimensions          |                     |                   |                |                        |                |                |                |                |                |                     |    |                 | Number of segments<br>n | Stroke<br>s | WS              |                   | Clamping force<br>F max. | Tightening torque<br>max. | Location hole  |                |                |                |                         |                |      | Art. No.   |
|---------------------|---------------------|-------------------|----------------|------------------------|----------------|----------------|----------------|----------------|----------------|---------------------|----|-----------------|-------------------------|-------------|-----------------|-------------------|--------------------------|---------------------------|----------------|----------------|----------------|----------------|-------------------------|----------------|------|------------|
| d <sub>1</sub> min. | d <sub>1</sub> max. | d <sub>2</sub> f7 | d <sub>3</sub> | d <sub>4</sub> +0,3 -1 | h <sub>1</sub> | h <sub>2</sub> | h <sub>3</sub> | h <sub>4</sub> | h <sub>5</sub> | l <sub>1</sub> ±0,1 | t  | WS <sub>1</sub> |                         |             | WS <sub>2</sub> | D <sub>1</sub> H7 |                          |                           | D <sub>2</sub> | D <sub>3</sub> | D <sub>4</sub> | H <sub>1</sub> | H <sub>2</sub> +0,5±0,1 | L <sub>1</sub> | [g]  |            |
| [mm]                |                     |                   |                |                        |                |                |                |                |                |                     |    |                 | [mm]                    | [mm]        | [kN]            | [Nm]              | [mm]                     |                           |                |                |                |                |                         | [g]            |      |            |
| 70,5                | 86,5                | 60                | M12            | 5                      | 46             | 28,3           | 23,6           | 10             | 63             | 17                  | 15 | 6               | 9,2                     | 10          | 12              | 10                | 141                      | 60                        | 5              | 12             | M12            | 5              | 10                      | 17             | 1286 | 23340.0070 |

Application example

