

## Keskitävät kiinnitystuurnat • Ieriömäinen

23340.0512



### Tuotekuvaus

The centering clamping mandrels, cylindrical are ideal for use in fixture construction. They enable workpieces to be clamped with a hole on their inside diameter and therefore without interfering clamping edges. The centering clamping mandrels can be mounted on grid and fixture plates, for example, by pressing them into bores or screwing them into threads.

They enable exact positioning, offer precise repeat accuracy and achieve high holding forces when clamping parts with holes. The centering clamping mandrels offer the possibility of fixing complex workpieces without external clamping elements to enable these components to be machined on 5 sides.

The centering clamping mandrels, cylindrical have the following characteristics:

- Clamping stroke max. 0.7 mm
- Two versions - for press-in or screw-in
- Made of stainless steel or free-cutting steel
- Clamping body can be machined very easily (for adaptation to bore diameter)

### Materiaali

#### Holkki

- Automaattiteräs

#### Kiristysruuvi

- Teräs

### Asennus

The centering clamping mandrel can be adjusted to the respective diameter by turning or milling.

Picture 1 - Mounting in bore hole or socket.

Thread for clamping screw required.

Picture 2 – Mounting in thread.

Clamping screw for the mounting.

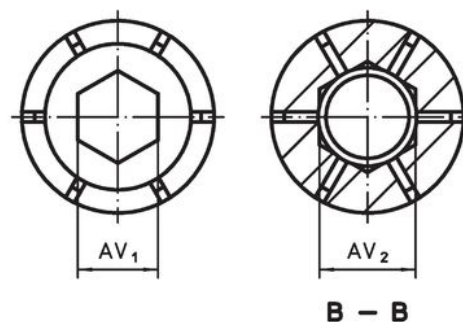
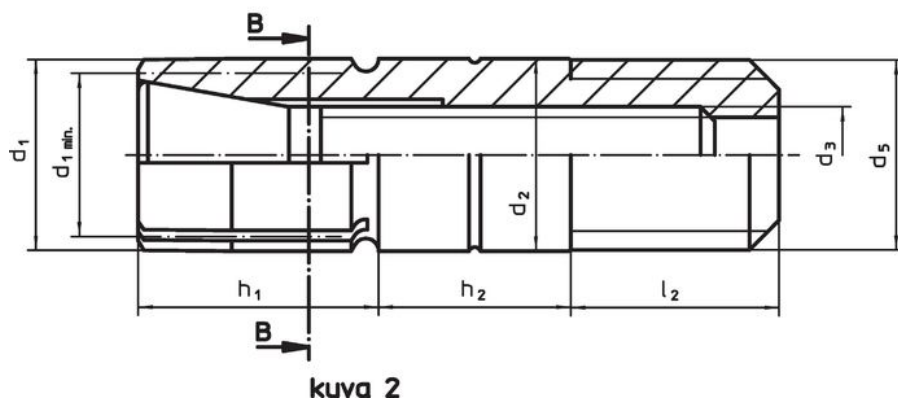
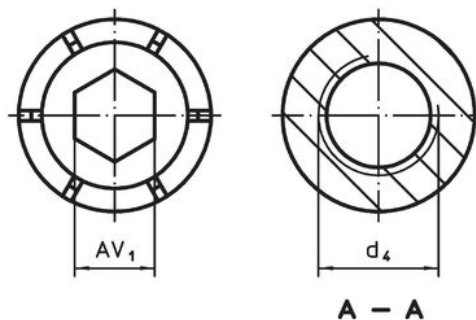
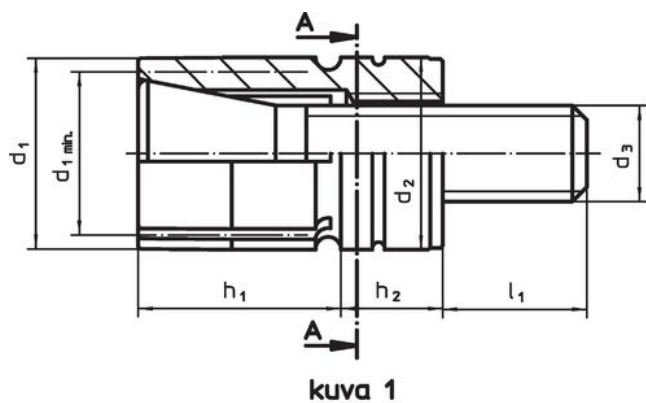
Remove from body.

Screw-in centering clamping elements and tighten using the wrench size (WS<sub>2</sub>).

### Toiminto

It is operated using the conical clamping screw (WS<sub>1</sub>). This expands the body by up to 0.7 mm.

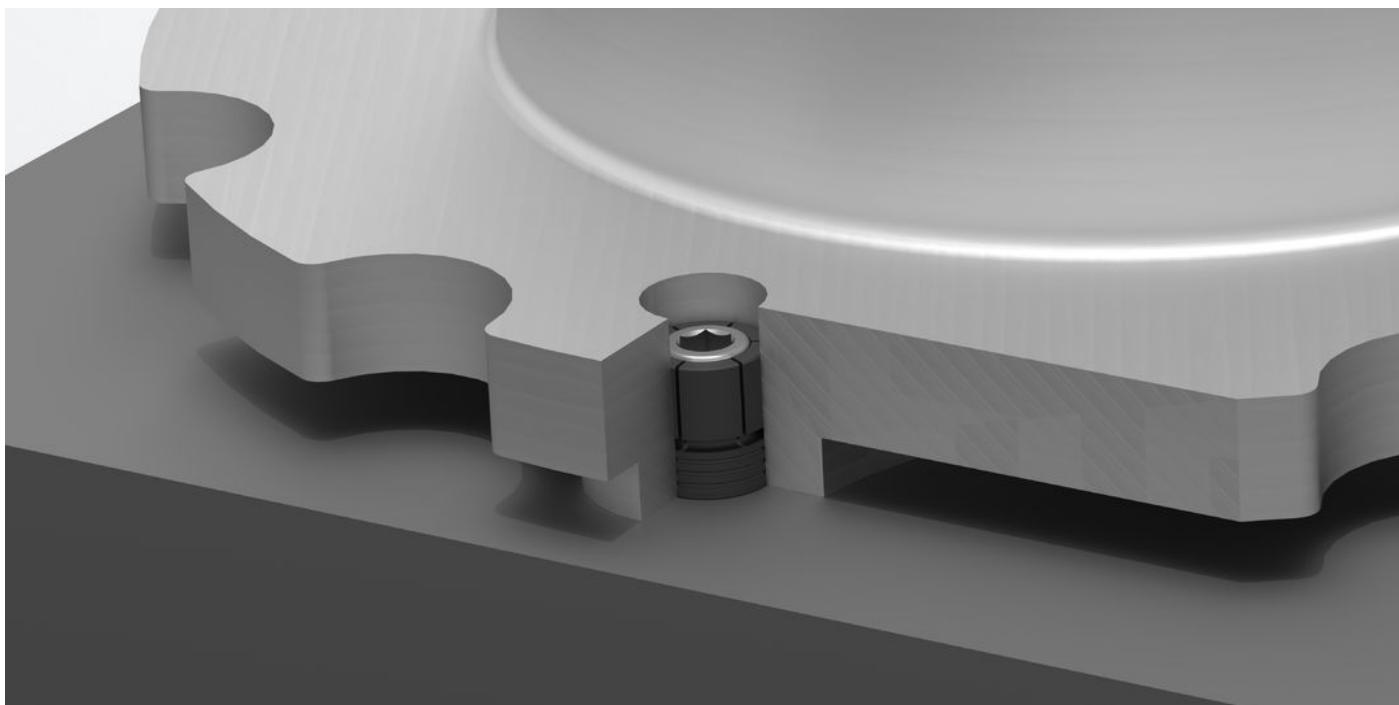
## Piirustus



## Tilaustiedot

| Ulkomitat                           |                        |                          |                |                |                |                |                | AV<br>AV <sub>1</sub> | Leukojen -<br>lukumäärä | Kiinnitys-<br>voima<br>max.<br>[kN] | Kivistysmomentti<br>max.<br>[Nm] | Kiinnitys-<br>poraus<br>[mm] | <br>[g] | Til.nro    |
|-------------------------------------|------------------------|--------------------------|----------------|----------------|----------------|----------------|----------------|-----------------------|-------------------------|-------------------------------------|----------------------------------|------------------------------|----------------------------------------------------------------------------------------------|------------|
| d <sub>1</sub>                      | d <sub>1</sub><br>min. | d <sub>2</sub><br>-0,025 | d <sub>3</sub> | d <sub>4</sub> | h <sub>1</sub> | h <sub>2</sub> | l <sub>1</sub> | [mm]                  |                         |                                     |                                  |                              |                                                                                              |            |
| [mm]                                |                        |                          |                |                |                |                |                | [mm]                  |                         | [kN]                                | [Nm]                             | [mm]                         | [g]                                                                                          |            |
| press-fit – Kuva 1, Automaattiteräs |                        |                          |                |                |                |                |                |                       |                         |                                     |                                  |                              |                                                                                              |            |
| 12                                  | 10,5                   | 12                       | M6             | M8             | 12,7           | 6,35           | 11,1           | 5                     | 6                       | 8,5                                 | 17                               | 12                           | 17                                                                                           | 23340.0512 |

## Sovellusesimerkki



## Vaatimuksenmukaisuus

### RoHS-yhteensopiva

Täyttävät direktiivin 2011/65/EU ja direktiivin 2015/863 vaatimukset

### Ei sisällä SVHC-aineita

Ei sisällä yli 0,1 % w/w SVHC-aineita - SVHC-luettelo 23.01.2024.

### Ei sisällä Prop 65 aineita

Ei sisällä Prop 65 -aineita  
<https://www.P65Warnings.ca.gov/>

### Ei sisällä konfliktimineraaleja

Tämä tuote ei sisällä "konfliktimineraaleiksi" luokiteltuja aineita, kuten tantaalia, tinaa, kultaa tai volframia Kongon demokraattisesta tasavallasta tai sen naapurimaista."