

**Garant**
**Tapping head MLA IC 50 bar, HSK-A 100, Tapping range: M1-12**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 338115 M1-12  |
| GTIN         | 4062406112097 |
| Item class   | 31M           |

**Description**
**Version:**

- With minimum length adjustment (MLA), by means of a damping element.
- Increases tool life of taps by up to 300 %.
- Internal coolant supply up to 50 bar.
- Secure clamping for ER collets in quick-change tapping collets.
- Run-out of shank taper to the tapping collet taper < 3 µm.

**Application:**

On machining centres with synchronised spindles.

- For compensating the difference in pitch between tap/synchronised spindle.
- For compensating the pitch tolerances of taps.

**Optional extras:**

ER collets, see No. 308881-309240 (size ER11 / 16 / 25). ER tapping collets with square drive spigot, see No. 309399 - 309413 (Size ER 11 /16 / 25).

Quick-change tapping collets and extensions, see No. 338120 – 338142.

See No. 308600 - 308806 for pull studs.

Coolant feed pipes for HSK, see No. 309880.

Plug-in sockets for HSK, see No. 309890.

**Note:**

Maximum speed 4000 rpm.

Shape: A

Tapping range: M1 - M12

Length compensation by compression: 0.2 mm

Length compensation by tension: 1 mm

External  $\varnothing$  D: 43 mm  
Internal  $\varnothing$  D<sub>1</sub>: 20 mm  
Overhang dimension A: 70 mm

## Technical description

|                                       |                       |
|---------------------------------------|-----------------------|
| Length compensation by tension        | 1 mm                  |
| Length compensation by compression    | 0.2 mm                |
| Internal $\varnothing$ D <sub>1</sub> | 20 mm                 |
| External $\varnothing$ D              | 43 mm                 |
| Overhang dimension A                  | 70 mm                 |
| suitable for ER size                  | 11 / 16               |
| Series                                | MLA                   |
| Tapping range                         | M1 - M12              |
| Adapter                               | HSK-A 100             |
| Arbor standard                        | DIN 69893             |
| Through-coolant                       | yes, with max. 50 bar |
| Shape                                 | A                     |
| Type of product                       | Tapping head          |