

## Garant

### Tapping head MLA IC 50 bar, HSK-A 63, Tapping range: M1-12



#### Order data

Order number	338110 M1-12
GTIN	4062406112080
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.

See No. 309880 for coolant feed pipes for HSK.

See No. 309890 for plug-in sockets for HSK.

##### Note:

Maximum speed 4000 rpm.

#### Technical description

Tapping range	M1 - M12
Overhang dimension A	64 mm
Internal $\varnothing D_1$	20 mm
External $\varnothing D$	43 mm
suitable for ER size	11 / 16
Length compensation by tension	1 mm
Length compensation by compression	0.2 mm
Adapter	HSK-A 63
Arbor standard	DIN 69893
Through-coolant	yes, with max. 50 bar
Shape	A
Type of product	Tapping head