

**Garant**
**Tapping head, Type: 20/2**

**Order data**

Order number	334100 20/2
GTIN	4045197152350
Item class	31M

**Description**
**Version:**

- **With built-in reversing gears for automatic return. After reaching the thread depth, the unit automatically reverses by raising the machine spindle (low-wear ball system!).**
- **Accelerated return (approx. factor  $1.8 \times n_{\max}$ ).**
- **Length compensation in tension.**
- **With anti-rotation arm.**
- **Maintenance-free**
- **For cutting right- and left-hand threads.**
- **With quick-change collet system.**

**Application:**

For automatic tapping on non-reversing machines with manual feed. For tapping through holes (with collets No. 335420; 335430) and blind holes (with inserts No. 335610; 335620).

**Optional extras:**

For quick-change tapping collets see: No. 335420; 335430 (**without** safety clutch), No. 335610; 335620 (**with** safety clutch).

Thread range: M8 – M20

maximum speed, advance: 500 rpm

Length compensation in tension: 16.5 mm

Length from the machine spindle: 170 mm

L<sub>1</sub>: 86 mm

Disengagement travel B: 8 mm

## Technical description

maximum speed, advance	500 rpm
External Ø D	100 mm
Ø D <sub>1</sub>	31 mm
Thread range	M8 – M20
L <sub>1</sub>	86 mm
Length from the machine spindle	170 mm
Disengagement travel B	8 mm
Length compensation in tension	16.5 mm
Ø D <sub>2</sub>	50 mm
Morse taper MT	2
Type of product	Tapping head

## Accessories

Quick-change insert with safety slip clutch Tap shank Ø 11 mm	335620 11
Quick-change insert with safety slip clutch Tap shank Ø 6 mm	335620 6
Quick-change collet without safety slip clutch Tap shank Ø 7 mm	335430 7
Quick-change insert with safety slip clutch Tap shank Ø 7 mm	335620 7
Quick-change insert with safety slip clutch Tap shank Ø 16 mm	335620 16
Quick-change collet without safety slip clutch Tap shank Ø 16 mm	335430 16
Quick-change collet without safety slip clutch Tap shank Ø 10 mm	335430 10

Quick-change collet without safety slip clutch Tap shank Ø 8 mm	335430 8
Quick-change insert with safety slip clutch Tap shank Ø 10 mm	335620 10
Quick-change collet without safety slip clutch Tap shank Ø 14 mm	335430 14
Quick-change collet without safety slip clutch Tap shank Ø 9 mm	335430 9
Quick-change insert with safety slip clutch Tap shank Ø 14 mm	335620 14
Quick-change insert with safety slip clutch Tap shank Ø 9 mm	335620 9
Quick-change insert with safety slip clutch Tap shank Ø 8 mm	335620 8
Quick-change insert with safety slip clutch Tap shank Ø 12 mm	335620 12
Quick-change collet without safety slip clutch Tap shank Ø 12 mm	335430 12
Quick-change collet without safety slip clutch Tap shank Ø 11 mm	335430 11
Quick-change collet without safety slip clutch Tap shank Ø 6 mm	335430 6