

Garant**Tapping head, Type: 20/3****Order data**

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| Order number | 334100 20/3 |
| GTIN | 4045197152367 |
| 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. 335430) and blind holes (with inserts No. 335620).

Optional extras:

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

Technical description

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| Ø D ₁ | 31 mm |
| maximum speed, advance | 500 min ⁻¹ |
| Length from the machine spindle | 170 mm |
| Morse taper MT | 3 |
| L ₁ | 86 mm |
| Length compensation in tension | 16.5 mm |
| Disengagement travel B | 8 mm |
| Thread range | M8 – M20 |
| External Ø D | 100 mm |
| Ø D ₂ | 50 mm |
| Type of product | Tapping head |

Accessories

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| Quick-change collet with safety slip clutch Tap shank Ø 16 mm | 335620 16 |
| Quick-change collet with safety slip clutch Tap shank Ø 8 mm | 335620 8 |
| Quick-change collet 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 collet with safety slip clutch Tap shank Ø 12 mm | 335620 12 |
| Quick-change collet without safety slip clutch Tap shank Ø 14 mm | 335430 14 |
| Quick-change collet with safety slip clutch Tap shank Ø 10 mm | 335620 10 |
| Quick-change collet without safety slip clutch Tap shank Ø 16 mm | 335430 16 |
| Quick-change collet without safety slip clutch Tap shank Ø 11 mm | 335430 11 |

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| Quick-change collet without safety slip clutch Tap shank Ø 9 mm | 335430 9 |
| Quick-change collet with safety slip clutch Tap shank Ø 7 mm | 335620 7 |
| Quick-change collet without safety slip clutch Tap shank Ø 8 mm | 335430 8 |
| Quick-change collet with safety slip clutch Tap shank Ø 11 mm | 335620 11 |
| Quick-change collet without safety slip clutch Tap shank Ø 10 mm | 335430 10 |
| Quick-change collet without safety slip clutch Tap shank Ø 6 mm | 335430 6 |
| Quick-change collet without safety slip clutch Tap shank Ø 12 mm | 335430 12 |
| Quick-change collet with safety slip clutch Tap shank Ø 14 mm | 335620 14 |
| Quick-change collet with safety slip clutch Tap shank Ø 9 mm | 335620 9 |