

**Garant**
**GARANT Master Tap machine tap Form B 6HX, ALTiX, M: M3,5**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 132721 M3,5   |
| GTIN         | 4045197984166 |
| Item class   | 11I           |

**Description**
**Version:**

**Universal taps**, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for a high degree of wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.6 mm

Overall length L: 56 mm

Shank Ø D<sub>s</sub>: 4 mm

Shank square □: 3 mm

Tapping hole Ø: 2.9 mm

**Technical description**

|                           |         |
|---------------------------|---------|
| Standard                  | DIN 371 |
| Thread depth              | 7 mm    |
| Number of cutting edges Z | 3       |
| Shank Ø D <sub>s</sub>    | 4 mm    |
| Tapping hole Ø            | 2.9 mm  |
| Shank square □            | 3 mm    |
| Thread pitch              | 0.6 mm  |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Overall length L                 | 56 mm                             |
| Number of clamping slots         | 3                                 |
| Tolerance class                  | ISO 2X 6HX                        |
| Tool material                    | HSS E PM                          |
| Taper lead angle                 | 8 degrees                         |
| Thread Ø                         | 3.5 mm                            |
| Thread type                      | M                                 |
| Thread size                      | M3.5                              |
| Coating                          | AlTiX                             |
| Flank angle                      | 60 degrees                        |
| Thread standard                  | DIN 13                            |
| Taper lead form                  | B                                 |
| Shank                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| Application for type of drilling | up to 3×D for through holes       |
| Cutting direction                | right-hand                        |
| Type of threading tool           | Machine tap for dynamic machining |
| Colour ring                      | green                             |
| Series                           | GARANT Master Tap                 |
| Type of product                  | Tap                               |

## Accessories

GARANT Master Tap through hole machine taps for metric threads M3-12

146435 M3-12