

Garant
Machine tap for synchronised spindles HSS-E-PM Form C, DLC, M: M6

Order data

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|--------------|---------------|
| Order number | 134275 M6 |
| GTIN | 4045197649157 |
| Item class | 11H |

Description
Version:

Sturdy version with right-hand helix and shank to DIN 1835-B. Special geometry for use on machines with **synchronised spindle drives**. The tap is controlled by the synchronising spindle of the machine. With the latest generation of special **DLC coating sp²** for optimum tool life. For use with **emulsion** (fat content minimum 8%).

Note:

For use on synchronised spindles, the **GARANT** quick-change tapping chuck **No. 338100 – 338121 with minimum length adjustment (MLA)** ensures maximum process reliability.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 5 mm

Technical description

| | |
|---------------------------|------|
| Number of cutting edges Z | 3 |
| Number of clamping slots | 3 |
| Thread Ø | 6 mm |
| Tapping hole Ø | 5 mm |
| Thread pitch | 1 mm |

| Standard | Manufacturer's standard |
|----------------------------------|---------------------------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 80 mm |
| Shank square \square | 4.9 mm |
| Tolerance class | ISO 2X 6HX |
| Tool material | HSS E PM |
| Thread depth | 15 mm |
| Thread type | M |
| Thread size | M6 |
| Coating | DLC |
| Flank angle | 60 degrees |
| Thread standard | DIN 13 |
| Taper lead form | C |
| Helix angle | 40 degrees |
| Shank | DIN 1835 B to h6 |
| Through-coolant | no |
| Application for type of drilling | up to 2.5×D for blind holes |
| Cutting direction | right-hand |
| Shank tolerance | h6 |
| Type of threading tool | Machine tap for synchronous machining |
| Colour ring | yellow |
| Type of product | Tap |