

Garant
Machine tap for synchronised spindles HSS-E-PM Form C, DLC, G: G1/4 inch

Order data

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|--------------|---------------|
| Order number | 137344 G1/4 |
| GTIN | 4045197705532 |
| 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 use with **emulsion** (fat content minimum 8%).

Application:

For Whitworth parallel pipe threads DIN-ISO 228/1 (threads that do not form a seal within the connection).

Note:

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

Tool material: HSS E PM

Threads per inch: 19

Thread Ø: 13.16 mm

Overall length L: 100 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 11.8 mm

Technical description

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|---------------------------|----------|
| Number of cutting edges Z | 4 |
| Tapping hole Ø | 11.8 mm |
| Number of clamping slots | 4 |
| Thread pitch | 1.337 mm |

| | |
|----------------------------------|---------------------------------------|
| Threads per inch | 19 |
| Thread Ø | 13.16 mm |
| Tool material | HSS E PM |
| Shank Ø D _s | 12 mm |
| Overall length L | 100 mm |
| Shank square □ | 9 mm |
| Thread depth | 32.9 mm |
| Thread size | G1/4 |
| Coating | DLC |
| Thread type | G |
| Flank angle | 55 degrees |
| Standard | Manufacturer's standard |
| 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 |