

**Garant**
**Machine tap for synchronised spindles HSS-E-PM IC / Form C, DLC, G: G1/8 inch**

**Order data**

Order number	137346 G1/8
GTIN	4045197705600
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 sp<sup>2</sup>**. For use with **emulsion** (fat content minimum 8%).

With **internal coolant supply** for maximum tool life.

**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: 28

Thread Ø: 9.73 mm

Overall length L: 90 mm

Shank Ø D<sub>s</sub>: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 8.8 mm

**Technical description**

Number of cutting edges Z	3
Thread pitch	0.907 mm
Tapping hole Ø	8.8 mm

Threads per inch	28
Number of clamping slots	3
Thread Ø	9.73 mm
Tool material	HSS E PM
Shank Ø D <sub>s</sub>	8 mm
Overall length L	90 mm
Shank square □	6.2 mm
Thread depth	24.33 mm
Thread size	G1/8
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	yes
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