

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

Order number	137816 G1/8
GTIN	4045197705785
Item class	11H

Description**Version:**

Sturdy version with right-hand helix and shank to DIN 1835-B. Special geometry for **general-purpose use** on machines with **synchronised spindle drive**. The tap is controlled by the synchronising spindle of the machine. Special **TiAlN-S coating** for optimum tool life. 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_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 8.8 mm

Technical description

Tapping hole Ø	8.8 mm
Number of cutting edges Z	3
Number of clamping slots	3

Thread Ø	9.73 mm
Thread pitch	0.907 mm
Threads per inch	28
Tool material	HSS E PM
Shank Ø D _s	8 mm
Overall length L	90 mm
Shank square □	6.2 mm
Thread depth	29.19 mm
Thread size	G1/8
Coating	TiAlN
Thread type	G
Flank angle	55 degrees
Standard	Manufacturer's standard
Taper lead form	C
Helix angle	40 degrees
Shank	DIN 1835 B with h6
Through-coolant	yes
Application for type of drilling	up to 3×D for blind holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Machine tap for synchronous machining
Colour ring	green
Type of product	Tap