

Garant
Machine tap for synchronised spindles HSS-E-PM IC / Form C, DLC, G: G1/2 inch

Order data

Order number	137346 G1/2
GTIN	4045197705631
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%).

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: 14

Thread Ø: 20.96 mm

Overall length L: 125 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 19 mm

Technical description

Number of cutting edges Z	5
Thread Ø	20.96 mm
Tapping hole Ø	19 mm

Thread pitch	1.814 mm
Threads per inch	14
Number of clamping slots	5
Tool material	HSS E PM
Shank $\varnothing D_s$	16 mm
Overall length L	125 mm
Shank square \square	12 mm
Thread depth	52.4 mm
Thread size	G1/2
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