

Garant
Machine tap for synchronised spindles HSS-E-PM IC / Form C, DLC, M: M16

Order data

Order number	134285 M16
GTIN	4045197649331
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%).

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

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: 2 mm

Overall length L: 110 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 14 mm

Technical description

Number of clamping slots	3
Number of cutting edges Z	3
Thread pitch	2 mm
Tapping hole Ø	14 mm

Thread Ø	16 mm
Standard	Manufacturer's standard
Shank Ø D _s	12 mm
Overall length L	110 mm
Shank square □	9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	40 mm
Thread type	M
Thread size	M16
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	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