

Garant

Machine tap for synchronised spindles HSS-E-PM IC / Form B 6HX, TiAlN, M: M6



Order data

Order number	132745 M6
GTIN	4045197507839
Item class	11H

Description

Version:

Sturdy version with lead-in taper 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 coating for optimum tool life.

Can be used with **emulsion** (fat content minimum 8%).

With internal coolant feed 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 very high process reliability.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 5 mm

Technical description

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole Ø	5 mm

Thread Ø	6 mm
Thread pitch	1 mm
Standard	Manufacturer's standard
Shank Ø D _s	6 mm
Overall length L	80 mm
Shank square □	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	18 mm
Thread type	M
Thread size	M6
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	B
Shank	DIN 1835 B with h6
Through-coolant	yes
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Maskinsnittapper til synkron bearbejdning
Colour ring	green
Type of product	Tap