

## Garant

### Machine tap for synchronised spindles HSS-E-PM internal cooling, TiAlN, M: M6



#### Order data

Order number	132285 M6
GTIN	4045197507778
Item class	11H

#### Description

##### Version:

**Sturdy design with spiral point 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. Special **TiAlN-S coating** 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: 1 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$ : 5 mm

#### Technical description

Number of cutting edges Z	3
Thread $\varnothing$	6 mm
Tapping hole $\varnothing$	5 mm
Thread pitch	1 mm

Number of clamping slots	3
Standard	Manufacturer's standard
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Shank square $\square$	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	15 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 2.5xD for through holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Machine tap for synchronous machining
Colour ring	blue
Type of product	Tap