

## Garant

### Machine tap for synchronised spindles HSS-E-PM internal cooling, TiAlN, M: 10X1



#### Order data

Order number	132955 10X1
GTIN	4045197705044
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: MF

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 90 mm

Shank  $\varnothing D_s$ : 10 mm

Shank square  $\square$ : 8 mm

Tapping hole  $\varnothing$ : 9 mm

#### Technical description

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole $\varnothing$	9 mm
Thread $\varnothing$	10 mm

Thread pitch	1 mm
Shank $\varnothing D_s$	10 mm
Overall length L	90 mm
Shank square $\square$	8 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Standard	Manufacturer's standard
Thread depth	30 mm
Thread type	MF
Thread size	M10x1
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 3xD for through holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Machine tap for synchronous machining
Colour ring	green
Type of product	Tap