

## Garant

### Machine tap for synchronised spindles HSS-E-PM internal cooling, TiAlN, M: M8



#### Order data

Order number	132285 M8
GTIN	4045197507785
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: 1.25 mm

Overall length L: 90 mm

Shank  $\varnothing D_s$ : 8 mm

Shank square  $\square$ : 6.2 mm

Tapping hole  $\varnothing$ : 6.8 mm

#### Technical description

Thread $\varnothing$	8 mm
Thread pitch	1.25 mm
Number of clamping slots	3
Tapping hole $\varnothing$	6.8 mm

Number of cutting edges Z	3
Standard	Manufacturer's standard
Shank $\varnothing D_s$	8 mm
Overall length L	90 mm
Shank square $\square$	6.2 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	20 mm
Thread type	M
Thread size	M8
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