

Garant
Machine tap for synchronised spindles HSS-E-PM Form C, TiAlN, M: 8X1

Order data

Order number	137180 8X1
GTIN	4045197705259
Item class	11H

Description
Version:

Sturdy version with right-hand helix 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-S coating** for optimum tool life. For use with **emulsion** (fat content minimum 8%).

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: 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 $\varnothing D_s$: 8 mm

Shank square \square : 6.2 mm

Tapping hole \varnothing : 7 mm

Technical description

Number of clamping slots	3
Number of cutting edges Z	3
Thread \varnothing	8 mm
Tapping hole \varnothing	7 mm
Thread pitch	1 mm

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
Standard	Manufacturer's standard
Thread depth	24 mm
Thread type	MF
Thread size	M8x1
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	DIN 1835 B with h6
Through-coolant	no
Application for type of drilling	up to 3xD for blind holes
Cutting direction	right-hand
Shank tolerance	h6
Type of threading tool	Machine tap for synchronous machining
Colour ring	green
Type of product	Tap