

Garant**Machine tap HSS-E-PM, TiN / vaporised, M: 10X1****Order data**

Order number	136290 10X1
GTIN	4045197883544
Item class	11H

Description**Version:**

With special TiN coating and vaporised cutting surfaces.

For controlled swarf evacuation and avoidance of clogging.

Especially suitable for problem materials.

For use with **emulsion** (fat content minimum 8%).

Recommendation:

For **TOOLOX materials we recommend deviating from the DIN data** (see table) by drilling the tapping hole $\varnothing$ **0.05 to 0.3 mm** larger.

Thread type: MF

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 90 mm

Shank $\varnothing$ D_s: 7 mm

Shank square □: 5.5 mm

Tapping hole $\varnothing$: 9 mm

Technical description

Thread pitch	1 mm
Tool material	HSS E PM
Standard	DIN 374
Number of cutting edges Z	3
Shank $\varnothing$ D _s	7 mm

Shank square □	5.5 mm
Thread Ø	10 mm
Tapping hole Ø	9 mm
Number of clamping slots	3
Overall length L	90 mm
Tolerance class	ISO 2 6H
Thread depth	30 mm
Thread type	MF
Thread size	M10×1
Coating	TiN / vaporised
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap