

Garant**Machine tap HSS-E-PM, TiN / vaporised, M: 18X1,5****Order data**

Order number	136290 18X1,5
GTIN	4045197883599
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 Ø **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: 1.5 mm

Overall length L: 110 mm

Shank Ø D_s: 14 mm

Shank square □: 11 mm

Tapping hole Ø: 16.5 mm

Technical description

Thread Ø	18 mm
Thread pitch	1.5 mm
Shank Ø D _s	14 mm
Standard	DIN 374
Overall length L	110 mm

Number of clamping slots	4
Shank square □	11 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Number of cutting edges Z	4
Tapping hole Ø	16.5 mm
Thread depth	54 mm
Thread type	MF
Thread size	M18×1.5
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