

Garant**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 9/16-18****Order data**

Order number	138010 9/16-18
GTIN	4045197901798
Item class	11I

Description**Version:**

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for maximum wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Application:

For UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 374

Threads per inch: 18

Thread Ø: 14.29 mm

Overall length L: 100 mm

Shank Ø D_s: 11 mm

Shank square □: 9 mm

Tapping hole Ø: 12.9 mm

Technical description

Thread type	UNF
Standard	DIN 374
Thread size	9/16-18 UNF
Number of clamping slots	3
Shank Ø D _s	11 mm

Thread pitch	1.411 mm
Overall length L	100 mm
Threads per inch	18
Shank square □	9 mm
Thread Ø	14.29 mm
Tool material	HSS E PM
Number of cutting edges Z	3
Thread depth	35.725 mm
Tapping hole Ø	12.9 mm
Series	GARANT Master Tap
Coating	AlTiX
Flank angle	60 degrees
Tolerance class	2BX
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap