

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, MF: 18X1**

**Order data**

Order number	132905 18X1
GTIN	4062406278908
Item class	11I

**Description**
**Version:**

**GARANT Master Tap 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.**

Thread type: MF

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 110 mm

Shank  $\varnothing D_s$ : 14 mm

Shank square  $\square$ : 11 mm

Tapping hole  $\varnothing$ : 16.5 mm

**Technical description**

Thread pitch	1 mm
Number of clamping slots	4
Thread $\varnothing$	18 mm
Shank $\varnothing D_s$	14 mm
Number of cutting edges Z	4
Thread size	M18x1

Tapping hole Ø	16.5 mm
Overall length L	110 mm
Standard	DIN 374
Shank square □	11 mm
Thread depth	54 mm
Thread type	MF
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap