

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

Order number	137160 18X1
GTIN	4062406281212
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 Ø D_s: 14 mm

Shank square □: 11 mm

Tapping hole Ø: 17 mm

Technical description

Tolerance class	ISO 2X 6HX
Thread size	M18×1
Thread Ø	18 mm
Number of cutting edges Z	4
Tool material	HSS E PM
Tapping hole Ø	17 mm

Standard	DIN 374
Overall length L	110 mm
Thread pitch	1 mm
Shank square □	11 mm
Number of clamping slots	4
Shank Ø D _s	14 mm
Thread type	MF
Thread depth	45 mm
Coating	AlTiX
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 2.5×D for blind 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