

**Garant****GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 1-12****Order data**

Order number	133410 1-12
GTIN	4062406208738
Item class	11I

**Description****Version:**

**GARANT Master Tap general-purpose tap**, designed for use on 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 unified fine threads** ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 374

Threads per inch: 12

Thread Ø: 25.4 mm

Overall length L: 140 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 23.25 mm

**Technical description**

Thread size	1-12 UNF
Overall length L	140 mm
Number of cutting edges Z	4
Threads per inch	12

Tool material	HSS E PM
Standard	DIN 374
Tapping hole Ø	23.25 mm
Thread type	UNF
Thread depth	63.5 mm
Thread Ø	25.4 mm
Shank Ø D <sub>s</sub>	18 mm
Number of clamping slots	4
Shank square □	14.5 mm
Thread pitch	2.117 mm
Series	GARANT Master Tap
Coating	AlTiX
Flank angle	60 degrees
Tolerance class	2BX
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
Type of product	Tap