

Garant
GARANT Master Tap machine tap HSS-E-PM Form C, ALTiX, M: M1

Order data

Order number	135960 M1
GTIN	4062406208745
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 a high degree of wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Corresponds to **ISO 1X/4HX**.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 1X 4HX

Thread pitch: 0.25 mm

Overall length L: 40 mm

Shank $\varnothing D_s$: 2.5 mm

Shank square \square : 2.1 mm

Tapping hole \varnothing : 0.75 mm

Technical description

Tapping hole \varnothing	0.75 mm
Number of clamping slots	2
Standard	DIN 371
Shank square \square	2.1 mm
Number of cutting edges Z	2
Thread \varnothing	1.1 mm
Tool material	HSS E PM

Tolerance class	ISO 1X 4HX
Thread type	M
Overall length L	40 mm
Thread depth	2.75 mm
Thread pitch	0.25 mm
Shank $\varnothing D_s$	2.5 mm
Thread size	M1.4
Coating	AlTiN
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