

**Garant****GARANT Master Tap machine tap HSS-E-PM, ALTiX, MF: 4,5X0,5****Order data**

Order number	132905 4,5X0,5
GTIN	4062406208431
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: 0.5 mm

Overall length L: 70 mm

Shank Ø D<sub>s</sub>: 35 mm

Shank square □: 27 mm

Tapping hole Ø: 4 mm

**Technical description**

Thread pitch	0.5 mm
Thread depth	13.5 mm
Tapping hole Ø	4 mm
Standard	DIN 374
Number of clamping slots	3
Tool material	HSS E PM

Thread type	MF
Thread Ø	4.5 mm
Shank Ø D <sub>s</sub>	3.5 mm
Shank square □	2.7 mm
Overall length L	70 mm
Number of cutting edges Z	3
Tolerance class	ISO 2X 6HX
Thread size	M4.5×0.5
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