

## Garant

### GARANT Master Tap machine tap left-hand thread HSS-E-PM 6HX, AlTiX, M-LH: M5



#### Order data

Order number	136190 M5
GTIN	4045197900609
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.**

Thread type: M-LH

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.8 mm

Overall length L: 70 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$ : 4.2 mm

#### Technical description

Standard	DIN 371
Thread pitch	0.8 mm
Tolerance class	ISO 2X 6HX
Shank square $\square$	4.9 mm
Thread $\varnothing$	5 mm
Shank $\varnothing D_s$	6 mm

Overall length L	70 mm
Tool material	HSS E PM
Number of clamping slots	3
Tapping hole Ø	4.2 mm
Thread depth	12.5 mm
Number of cutting edges Z	3
Thread type	M-LH
Thread size	M5 LH
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	left-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap