

**Garant**
**GARANT Master Tap machine tap Form B 6HX, ALTiX, M: M5**

**Order data**

Order number	132721 M5
GTIN	4045197900395
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

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**

Number of clamping slots	3
Thread depth	15 mm
Tool material	HSS E PM
Shank square $\square$	4.9 mm
Thread $\varnothing$	5 mm
Standard	DIN 371
Thread pitch	0.8 mm

Shank $\varnothing D_s$	6 mm
Tolerance class	ISO 2X 6HX
Taper lead angle	8.66 degrees
Tapping hole $\varnothing$	4.2 mm
Number of cutting edges Z	3
Overall length L	70 mm
Thread type	M
Thread size	M5
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

## Accessories

GARANT Master Tap through hole machine taps for metric threads M3-12

146435 M3-12