

Garant
GARANT Master Tap machine tap HSS-E-PM Form C, ALTiX, M: M5

Order data

Order number	135960 M5
GTIN	4045197900005
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 2X/6HX**.

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

Tolerance class	ISO 2X 6HX
Shank square \square	4.9 mm
Tapping hole \varnothing	4.2 mm
Tool material	HSS E PM
Thread \varnothing	5 mm
Overall length L	70 mm
Number of clamping slots	3

Number of cutting edges Z	3
Thread depth	12.5 mm
Shank $\varnothing D_s$	6 mm
Standard	DIN 371
Thread pitch	0.8 mm
Thread type	M
Thread size	M5
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	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 blind hole machine taps for metric threads M3-12

146735 M3-12