

## Garant

### GARANT Master Tap machine tap HSS-E-PM Form E 6HX, AlTiX, M: M4



#### Order data

Order number	136152 M4
GTIN	4045197900210
Item class	111

#### Description

##### Version:

**Form E** (1.5-2 turns lead chamfer)

**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: 0.7 mm

Overall length L: 63 mm

Shank  $\varnothing D_s$ : 4.5 mm

Shank square  $\square$ : 3.4 mm

Tapping hole  $\varnothing$ : 3.3 mm

#### Technical description

Tolerance class	ISO 2X 6HX
Number of clamping slots	3
Shank square $\square$	3.4 mm
Thread $\varnothing$	4 mm
Tapping hole $\varnothing$	3.3 mm
Number of cutting edges Z	3

Overall length L	63 mm
Standard	DIN 371
Thread pitch	0.7 mm
Tool material	HSS E PM
Shank $\varnothing D_s$	4.5 mm
Thread depth	10 mm
Thread type	M
Thread size	M4
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	E
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