

## Garant

### GARANT Master Tap INOX machine tap HSS-E-PM Form C 6HX, TiAlN, M: M2,5



#### Order data

Order number	135732 M2,5
GTIN	4062406075262
Item class	111

#### Description

##### Version:

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

**The 45° helix angle** of the flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- **HSS-E-PM tool material for a high degree of wear resistance**
- **The latest generation of TiAlN multi-layer coating**
- **Parameterised flute geometry for optimum chip formation and torsional rigidity**

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.45 mm

Overall length L: 50 mm

Shank  $\varnothing D_s$ : 2.8 mm

Shank square  $\square$ : 2.1 mm

Tapping hole  $\varnothing$ : 2.05 mm

#### Technical description

Standard	DIN 371
Number of cutting edges Z	3
Thread $\varnothing$	2.5 mm
Tool material	HSS E PM
Tapping hole $\varnothing$	2.05 mm

Thread type	M
Overall length L	50 mm
Number of clamping slots	3
Tolerance class	ISO 2X 6HX
Thread depth	6.25 mm
Shank square □	2.1 mm
Shank $\varnothing D_s$	2.8 mm
Thread pitch	0.45 mm
Thread size	M2.5
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	45 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	blue
Series	GARANT Master Tap
Type of product	Tap