

Garant
GARANT Master Tap INOX machine tap HSS-E-PM Form B 6GX, TiAlN, M: M5

Order data

Order number	132193 M5
GTIN	4062406209308
Item class	111

Description
Version:

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

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

Tolerance class: ISO 3X/6GX. For components which are **galvanised** or shrink slightly when hardened.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 3X 6GX

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

Thread size	M5
Thread pitch	0.8 mm
Tapping hole \varnothing	4.2 mm
Thread depth	15 mm
Thread type	M

Shank square □	4.9 mm
Thread Ø	5 mm
Standard	DIN 371
Shank Ø D _s	6 mm
Overall length L	70 mm
Tool material	HSS E PM
Number of cutting edges Z	3
Tolerance class	ISO 3X 6GX
Number of clamping slots	3
Coating	TiAlN
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	blue
Series	GARANT Master Tap
Type of product	Tap