

Garant**GARANT Master Tap INOX machine tap extra long HSS-E-PM Form C 6HX, TiAlN, M: M5****Order data**

Order number	135739 M5
GTIN	4062406209919
Item class	11I

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**

With extra long shank. Shank to DIN 371.

Advantage:

Designed for tapping threads where access is difficult.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 0.8 mm

Overall length L: 140 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.2 mm

Technical description

Number of cutting edges Z	3
Thread size	M5
Thread pitch	0.8 mm

Number of clamping slots	3
Overall length L	140 mm
Tolerance class	ISO 2X 6HX
Tapping hole Ø	4.2 mm
Shank Ø D _s	6 mm
Thread type	M
Standard	Manufacturer's standard
Thread depth	12.5 mm
Shank square □	4.9 mm
Tool material	HSS E PM
Thread Ø	5 mm
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