

Garant**GARANT Master Tap INOX machine tap extra long HSS-E-PM Form C 6HX, TiAlN, M: M12****Order data**

Order number	135739 M12
GTIN	4062406209957
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 376.

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: 1.75 mm

Overall length L: 220 mm

Shank Ø D_s: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.2 mm

Technical description

Thread pitch	1.75 mm
Thread depth	30 mm

Shank Ø D _s	9 mm
Thread Ø	12 mm
Tool material	HSS E PM
Overall length L	220 mm
Standard	Manufacturer's standard
Shank square □	7 mm
Number of clamping slots	4
Thread size	M12
Thread type	M
Tolerance class	ISO 2X 6HX
Tapping hole Ø	10.2 mm
Number of cutting edges Z	4
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