

Garant
GARANT Master Tap INOX machine tap HSS-E-PM Form B 6HX, TiAlN, M: M12

Order data

Order number	132180 M12
GTIN	4062406080808
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**

Standard:
GARANT Master Tap INOX:

powerful tap, specially developed for **tapping to high process reliability in rust-resistant and acid-resistant steels** and also **duplex materials**.

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

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 9 mm

Shank square \square : 7 mm

Tapping hole \varnothing : 10.2 mm

Technical description

Tool material	HSS E PM
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Number of clamping slots	3
Standard	DIN 376
Shank square □	7 mm
Tapping hole Ø	10.2 mm
Shank Ø D _s	9 mm
Thread pitch	1.75 mm
Thread Ø	12 mm
Thread type	M
Thread depth	36 mm
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	3
Overall length L	110 mm
Thread size	M12
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