

Garant

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



Order data

Order number	132190 M12
GTIN	4062406080884
Item class	111

Description

Version:

With internal coolant supply

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:

With internal coolant supply

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

Shank $\varnothing D_s$	9 mm
Tapping hole \varnothing	10.2 mm
Tolerance class	ISO 2X 6HX
Thread type	M
Shank square \square	7 mm
Tool material	HSS E PM
Number of cutting edges Z	3
Thread pitch	1.75 mm
Standard	DIN 376
Thread depth	36 mm
Thread \varnothing	12 mm
Number of clamping slots	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	yes
Application for type of drilling	up to 3xD 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

