

**Garant****GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, MF: 5X0,5****Order data**

Order number	132875 5X0,5
GTIN	4062406080938
Item class	11I

**Description****Version:****GARANT Master Tap INOX:**

Powerful tap, specially developed for **tapping to high process reliability in stainless and acid-resistant steels** and also **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**

Thread type: MF

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 0.5 mm

Overall length L: 70 mm

Shank Ø D<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 4.5 mm

**Technical description**

Thread Ø	5 mm
Number of clamping slots	3
Shank square □	2.7 mm
Standard	DIN 374
Tool material	HSS E PM
Tolerance class	ISO 2X 6HX

Thread pitch	0.5 mm
Thread type	MF
Shank Ø D <sub>s</sub>	3.5 mm
Thread depth	15 mm
Number of cutting edges Z	3
Overall length L	70 mm
Tapping hole Ø	4.5 mm
Thread size	M5×0.5
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