

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, MF: 16X1,5**

**Order data**

Order number	132875 16X1,5
GTIN	4062406081041
Item class	111

**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: 1.5 mm

Overall length L: 100 mm

Shank  $\varnothing D_s$ : 12 mm

Shank square  $\square$ : 9 mm

Tapping hole  $\varnothing$ : 14.5 mm

**Technical description**

Shank $\varnothing D_s$	12 mm
Shank square $\square$	9 mm
Thread depth	48 mm
Standard	DIN 374
Overall length L	100 mm

Number of cutting edges Z	4
Tool material	HSS E PM
Tolerance class	ISO 2X 6HX
Thread Ø	16 mm
Tapping hole Ø	14.5 mm
Thread pitch	1.5 mm
Thread type	MF
Number of clamping slots	4
Thread size	M16×1.5
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