

## Garant

### GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, G: G1/4 inch



#### Order data

Order number	133327 G1/4
GTIN	4062406081126
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**

##### Advantage:

**Particularly strong, optimum self-guidance** and **no recutting** when reversed.

##### Application:

**For Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).

Tool material: HSS E PM

Threads per inch: 19

Thread Ø: 13.16 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 11 mm

Shank square □: 9 mm

Tapping hole Ø: 11.8 mm

#### Technical description

Thread Ø	13.16 mm
Shank square □	9 mm
Overall length L	100 mm
Tapping hole Ø	11.8 mm

Shank $\varnothing D_s$	11 mm
Tool material	HSS E PM
Thread pitch	1.337 mm
Number of clamping slots	4
Thread depth	26.32 mm
Number of cutting edges Z	4
Threads per inch	19
Thread size	G1/4
Series	GARANT Master Tap
Coating	TiAlN
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
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
Type of product	Tap