

Garant
GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNF: 3/4-16

Order data

Order number	138007 3/4-16
GTIN	4062406210274
Item class	111

Description
Version:
GARANT Master Tap INOX:

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

The 45° helix angle of the chip flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- **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**

Application:

For UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 374

Threads per inch: 16

Thread Ø: 19.05 mm

Overall length L: 110 mm

Shank Ø D_s: 14 mm

Shank square □: 11 mm

Tapping hole Ø: 17.5 mm

Technical description

Overall length L	110 mm
Threads per inch	16

Shank square □	11 mm
Thread Ø	19.05 mm
Tool material	HSS E PM
Thread pitch	1.587 mm
Thread depth	47.625 mm
Standard	DIN 374
Tapping hole Ø	17.5 mm
Thread size	3/4-16 UNF
Number of clamping slots	4
Number of cutting edges Z	4
Thread type	UNF
Shank Ø D _s	14 mm
Series	GARANT Master Tap
Coating	TiAlN
Flank angle	60 degrees
Tolerance class	2BX
Taper lead form	C
Helix angle	45 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Type of product	Tap