

Garant

GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNF: 1/4-28



Order data

Order number	138007 1/4-28
GTIN	4062406210212
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 371

Threads per inch: 28

Thread Ø: 6.35 mm

Overall length L: 80 mm

Shank Ø D_s: 7 mm

Shank square □: 5.5 mm

Tapping hole Ø: 5.5 mm

Technical description

Number of clamping slots	3
Tool material	HSS E PM
Tapping hole Ø	5.5 mm

Thread Ø	6.35 mm
Thread pitch	0.907 mm
Overall length L	80 mm
Thread depth	15.88 mm
Shank Ø D _s	7 mm
Thread size	1/4-28 UNF
Number of cutting edges Z	3
Standard	DIN 371
Threads per inch	28
Thread type	UNF
Shank square □	5.5 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