

Garant
GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNC: 5/8-11

Order data

Order number	137857 5/8-11
GTIN	4062406210113
Item class	11I

Description
Version:

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

Application:

For UNC uniform coarse threads ASME – B1.1.

Thread type: UNC

Tool material: HSS E PM

Standard: DIN 376

Threads per inch: 11

Thread Ø: 15.88 mm

Overall length L: 110 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 13.5 mm

Technical description

Shank square □	9 mm
Thread Ø	15.88 mm
Overall length L	110 mm
Thread type	UNC

Thread size	5/8-11 UNC
Thread pitch	2.309 mm
Thread depth	39.7 mm
Standard	DIN 376
Tapping hole Ø	13.5 mm
Number of clamping slots	4
Shank Ø D _s	12 mm
Number of cutting edges Z	4
Threads per inch	11
Tool material	HSS E PM
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