

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNC: 1-8**

**Order data**

Order number	137857 1-8
GTIN	4062406210144
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: 8

Thread Ø: 25.4 mm

Overall length L: 160 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 22.25 mm

**Technical description**

Threads per inch	8
Number of clamping slots	4
Thread size	1-8 UNC
Number of cutting edges Z	4

Tool material	HSS E PM
Tapping hole $\varnothing$	22.25 mm
Shank $\varnothing D_s$	18 mm
Thread depth	63.5 mm
Standard	DIN 376
Overall length L	160 mm
Thread pitch	3.175 mm
Shank square $\square$	14.5 mm
Thread $\varnothing$	25.4 mm
Thread type	UNC
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