

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNC: 6-32**

**Order data**

Order number	137857 6-32
GTIN	4062406210021
Item class	111

**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 371

Threads per inch: 32

Thread Ø: 3.51 mm

Overall length L: 56 mm

Shank Ø D<sub>s</sub>: 4 mm

Shank square □: 3 mm

Tapping hole Ø: 2.85 mm

**Technical description**

Number of cutting edges Z	3
Thread pitch	0.794 mm
Standard	DIN 371
Tapping hole Ø	2.85 mm
Shank square □	3 mm

Shank $\varnothing D_s$	4 mm
Thread size	6-32 UNC
Thread depth	8.8 mm
Thread $\varnothing$	3.51 mm
Number of clamping slots	3
Tool material	HSS E PM
Threads per inch	32
Overall length L	56 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