

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNC: 5-40**

**Order data**

Order number	137857 5-40
GTIN	4062406210014
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: 40

Thread Ø: 3.17 mm

Overall length L: 56 mm

Shank Ø D<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.65 mm

**Technical description**

Thread depth	7.95 mm
Threads per inch	40
Standard	DIN 371
Thread Ø	3.17 mm
Tool material	HSS E PM

Number of clamping slots	3
Number of cutting edges Z	3
Shank $\varnothing D_s$	3.5 mm
Tapping hole $\varnothing$	2.65 mm
Thread size	5-40 UNC
Thread pitch	0.635 mm
Thread type	UNC
Shank square $\square$	2.7 mm
Overall length L	56 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