

Garant
GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNC: 12-24

Order data

Order number	137857 12-24
GTIN	4062406210052
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: 24

Thread Ø: 5.49 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.5 mm

Technical description

Thread pitch	1.058 mm
Tapping hole Ø	4.5 mm
Shank Ø D _s	6 mm
Thread depth	13.73 mm
Standard	DIN 371

Tool material	HSS E PM
Shank square <input type="checkbox"/>	4.9 mm
Threads per inch	24
Number of clamping slots	3
Number of cutting edges Z	3
Thread \emptyset	5.49 mm
Overall length L	80 mm
Thread type	UNC
Thread size	12-24 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