

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 1/2-13

Order data

Order number	137870 1/2-13
GTIN	4045197901590
Item class	11I

Description
Version:

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for maximum wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Application:

For UNC uniform coarse threads ASME – B1.1.

Thread type: UNC

Tool material: HSS E PM

Standard: DIN 376

Threads per inch: 13

Thread Ø: 12.7 mm

Overall length L: 110 mm

Shank Ø D_s: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.8 mm

Technical description

Thread size	1/2-13 UNC
Tapping hole Ø	10.8 mm
Thread depth	31.75 mm
Shank square □	7 mm
Overall length L	110 mm

Number of clamping slots	3
Tool material	HSS E PM
Standard	DIN 376
Thread type	UNC
Thread Ø	12.7 mm
Number of cutting edges Z	3
Thread pitch	1.954 mm
Threads per inch	13
Shank Ø D _s	9 mm
Series	GARANT Master Tap
Coating	AlTiX
Flank angle	60 degrees
Tolerance class	2BX
Taper lead form	C
Helix angle	40 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	green
Type of product	Tap