

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 10-24

Order data

Order number	137870 10-24
GTIN	4045197901545
Item class	111

Description
Version:

GARANT Master Tap Universal tap, 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 371

Threads per inch: 24

Thread Ø: 4.83 mm

Overall length L: 70 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 3.9 mm

Technical description

Tapping hole Ø	3.9 mm
Shank square □	4.9 mm
Thread Ø	4.83 mm
Thread depth	12.08 mm
Number of clamping slots	2

Thread pitch	1.058 mm
Thread size	10-24 UNC
Shank $\varnothing D_s$	6 mm
Tool material	HSS E PM
Overall length L	70 mm
Number of cutting edges Z	2
Standard	DIN 371
Threads per inch	24
Thread type	UNC
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