

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 5/16-18

Order data

Order number	137870 5/16-18
GTIN	4045197901576
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 371

Threads per inch: 18

Thread Ø: 7.94 mm

Overall length L: 90 mm

Shank Ø D_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 6.6 mm

Technical description

Thread depth	19.85 mm
Tool material	HSS E PM
Thread type	UNC
Thread Ø	7.94 mm
Overall length L	90 mm
Shank square □	6.2 mm

Tapping hole Ø	6.6 mm
Number of clamping slots	3
Number of cutting edges Z	3
Shank Ø D _s	8 mm
Thread pitch	1.411 mm
Thread size	5/16-18 UNC
Standard	DIN 371
Threads per inch	18
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