

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 5/16-24**

**Order data**

Order number	138010 5/16-24
GTIN	4045197901767
Item class	111

**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 UNF uniform fine threads ASME – B1.1.**

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 24

Thread Ø: 7.94 mm

Overall length L: 90 mm

Shank Ø D<sub>s</sub>: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 6.9 mm

**Technical description**

Overall length L	90 mm
Thread pitch	1.058 mm
Shank square □	6.2 mm
Thread depth	19.85 mm
Thread Ø	7.94 mm
Thread size	5/16-24 UNF

Tool material	HSS E PM
Threads per inch	24
Standard	DIN 371
Number of cutting edges Z	3
Shank $\varnothing D_s$	8 mm
Thread type	UNF
Tapping hole $\varnothing$	6.9 mm
Number of clamping slots	3
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