

Garant**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 12-28****Order data**

Order number	138010 12-28
GTIN	4062406209278
Item class	11I

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 UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 28

Thread Ø: 5.48 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.7 mm

Technical description

Thread type	UNF
Tool material	HSS E PM
Thread Ø	5.48 mm
Tapping hole Ø	4.7 mm
Thread pitch	0.907 mm

Thread size	12-28 UNF
Standard	DIN 371
Shank Ø D _s	6 mm
Threads per inch	28
Number of clamping slots	3
Thread depth	13.73 mm
Shank square □	4.9 mm
Number of cutting edges Z	3
Overall length L	80 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