

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 4-48

Order data

Order number	138010 4-48
GTIN	4062406209230
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 UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 48

Thread Ø: 2.84 mm

Overall length L: 56 mm

Shank Ø D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.4 mm

Technical description

Overall length L	56 mm
Standard	DIN 371
Thread depth	7.13 mm
Shank Ø D _s	3.5 mm
Threads per inch	48

Thread size	4-48 UNF
Tool material	HSS E PM
Number of cutting edges Z	3
Shank square □	2.7 mm
Thread pitch	0.529 mm
Tapping hole Ø	2.4 mm
Thread type	UNF
Thread Ø	2.84 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