

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

**Order data**

Order number	133410 4-48
GTIN	4062406208691
Item class	11I

**Description**
**Version:**

**GARANT Master Tap general-purpose tap**, designed for use on 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 unified 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<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.4 mm

**Technical description**

Tool material	HSS E PM
Thread type	UNF
Standard	DIN 371
Number of cutting edges Z	3
Thread Ø	2.84 mm

Number of clamping slots	3
Threads per inch	48
Tapping hole Ø	2.4 mm
Thread depth	8.52 mm
Overall length L	56 mm
Thread pitch	0.529 mm
Shank square □	2.7 mm
Thread size	4-48 UNF
Shank Ø D <sub>s</sub>	3.5 mm
Series	GARANT Master Tap
Coating	AlTiX
Flank angle	60 degrees
Tolerance class	2BX
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap