

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 5-44**

**Order data**

Order number	138010 5-44
GTIN	4062406209247
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: 44

Thread Ø: 3.17 mm

Overall length L: 56 mm

Shank Ø D<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.7 mm

**Technical description**

Thread Ø	3.17 mm
Tool material	HSS E PM
Thread type	UNF
Threads per inch	44
Tapping hole Ø	2.7 mm

Number of clamping slots	3
Thread size	5-44 UNF
Overall length L	56 mm
Thread pitch	0.577 mm
Number of cutting edges Z	3
Shank $\varnothing D_s$	3.5 mm
Standard	DIN 371
Thread depth	7.95 mm
Shank square $\square$	2.7 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