

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 7/8-14**

**Order data**

Order number	133410 7/8-14
GTIN	4045197901903
Item class	111

**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 374

Threads per inch: 14

Thread Ø: 22.23 mm

Overall length L: 125 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 20.4 mm

**Technical description**

Tapping hole Ø	20.4 mm
Threads per inch	14
Shank Ø D <sub>s</sub>	18 mm
Thread size	7/8-14 UNF

Thread Ø	22.23 mm
Shank square □	14.5 mm
Thread pitch	1.814 mm
Thread depth	66.69 mm
Thread type	UNF
Number of cutting edges Z	3
Standard	DIN 374
Tool material	HSS E PM
Overall length L	125 mm
Number of clamping slots	3
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