

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, MF: 20X1,5**

**Order data**

Order number	132905 20X1,5
GTIN	4045197901040
Item class	111

**Description**
**Version:**

**GARANT Master Tap Universal taps**, 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.**

Thread type: MF

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 125 mm

Shank  $\varnothing D_s$ : 16 mm

Shank square  $\square$ : 12 mm

Tapping hole  $\varnothing$ : 18.5 mm

**Technical description**

Number of clamping slots	4
Thread pitch	1.5 mm
Shank $\varnothing D_s$	16 mm
Tolerance class	ISO 2X 6HX
Shank square $\square$	12 mm
Number of cutting edges Z	4

Standard	DIN 374
Tapping hole Ø	18.5 mm
Overall length L	125 mm
Thread Ø	20 mm
Thread depth	60 mm
Tool material	HSS E PM
Thread type	MF
Thread size	M20×1.5
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
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
Series	GARANT Master Tap
Type of product	Tap