

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, G: G3/8 inch**

**Order data**

Order number	137805 G3/8
GTIN	4045197901101
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.**

**Application:**

**For Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).

Tool material: HSS E PM

Threads per inch: 19

Thread Ø: 16.66 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 15.25 mm

**Technical description**

Tapping hole Ø	15.25 mm
Overall length L	100 mm
Shank square □	9 mm
Number of clamping slots	2
Number of cutting edges Z	2
Tool material	HSS E PM

Thread depth	41.65 mm
Thread Ø	16.66 mm
Threads per inch	19
Shank Ø D <sub>s</sub>	12 mm
Thread pitch	1.337 mm
Thread size	G3/8
Series	GARANT Master Tap
Coating	AlTiX
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
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