

**Garant**
**GARANT Master Tap machine tap HSS-E-PM Form E 6HX, AlTiX, M: M6**

**Order data**

Order number	136152 M6
GTIN	4045197900234
Item class	111

**Description**
**Version:**
**Form E** (1.5-2 turns lead chamfer)

**Universal taps**, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for a high degree of wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

 Shank  $\varnothing D_s$ : 6 mm

 Shank square  $\square$ : 4.9 mm

 Tapping hole  $\varnothing$ : 5 mm

**Technical description**

Shank square $\square$	4.9 mm
Tool material	HSS E PM
Tolerance class	ISO 2X 6HX
Overall length L	80 mm
Thread depth	15 mm
Number of clamping slots	3

Number of cutting edges Z	3
Tapping hole Ø	5 mm
Thread Ø	6 mm
Shank Ø D <sub>s</sub>	6 mm
Thread pitch	1 mm
Standard	DIN 371
Thread type	M
Thread size	M6
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	E
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
Series	GARANT Master Tap
Type of product	Tap