

**Garant****GARANT Master Tap machine tap HSS-E-PM Form C, AlTiX, M: M7****Order data**

Order number	135960 M7
GTIN	4062406208844
Item class	11I

**Description****Version:**

**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.**

Corresponds to **ISO 2X/6HX**.

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 Ø D<sub>s</sub>: 7 mm

Shank square □: 5.5 mm

Tapping hole Ø: 6 mm

**Technical description**

Number of clamping slots	3
Standard	DIN 371
Tool material	HSS E PM
Thread Ø	7 mm
Thread depth	17.5 mm
Thread pitch	1 mm
Thread type	M

Number of cutting edges Z	3
Tapping hole Ø	6 mm
Overall length L	80 mm
Shank square □	5.5 mm
Shank Ø D <sub>s</sub>	7 mm
Tolerance class	ISO 2X 6HX
Thread size	M7
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
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
Series	GARANT Master Tap
Type of product	Tap