

**Garant****Machine tap HSS-E-PM, TiCN, M: M2,5****Order data**

Order number	135760 M2,5
GTIN	4045197077523
Item class	11H

**Description****Version:****Sturdy design, with 15° right-hand chip flutes.**For use with **emulsion** (fat content minimum 8%).

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.45 mm

Overall length L: 50 mm

Shank Ø D<sub>s</sub>: 2.8 mm

Shank square □: 2.1 mm

Tapping hole Ø: 2.05 mm

**Technical description**

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole Ø	2.05 mm
Thread pitch	0.45 mm
Thread Ø	2.5 mm
Standard	DIN 371
Shank Ø D <sub>s</sub>	2.8 mm
Overall length L	50 mm
Shank square □	2.1 mm

Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	5 mm
Thread type	M
Thread size	M2.5
Coating	TiCN
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	C
Helix angle	15 °
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	pink
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	23 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	13 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	7 m/min	P
Ti > 850 N/mm <sup>2</sup>	suitable	5 m/min	S
Oil	suitable		
wet maximum	suitable		