

**Garant****Machine tap HSS-E-PM, nitrided + vaporised, M: M5****Order data**

Order number	132420 M5
GTIN	4045197071545
Item class	11H

**Description****Version:****Strong spiral point. Guide section with oil grooves, but without chip flutes.****Advantage:****Particularly strong, optimum self-guidance and no recutting** when reversed.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.8 mm

Overall length L: 70 mm

Shank Ø D<sub>s</sub>: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.2 mm

**Technical description**

Thread Ø	5 mm
Number of cutting edges Z	3
Thread pitch	0.8 mm
Tapping hole Ø	4.2 mm
Number of clamping slots	3
Standard	DIN 371
Shank Ø D <sub>s</sub>	6 mm
Overall length L	70 mm

Shank square <input type="checkbox"/>	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	10 mm
Thread type	M
Thread size	M5
Coating	nitrided + vaporised
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for through 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
Hybrids	suitable		
Ti > 850 N/mm <sup>2</sup>	suitable	6 m/min	S
Inconel	suitable	2 m/min	S
MMC	suitable only under restricted conditions		
Oil	suitable		
wet maximum	suitable		