

**Garant****Machine tap HSS-E-PM Form CS, uncoated, M: M3****Order data**

Order number	131290 M3
GTIN	4045197069481
Item class	11H

**Description****Version:****With spiral point.**(Form CS) 2 – -3 turns chamfer lead – **with spiral point.****Advantage:**

Greater wear resistance.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 56 mm

Shank Ø D<sub>s</sub>: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.5 mm

**Technical description**

Thread Ø	3 mm
Thread pitch	0.5 mm
Number of clamping slots	3
Tapping hole Ø	2.5 mm
Number of cutting edges Z	3
Standard	DIN 371
Shank Ø D <sub>s</sub>	3.5 mm

Overall length L	56 mm
Shank square □	2.7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	9 mm
Thread type	M
Thread size	M3
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	CS
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	15 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	18 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	9 m/min	P
Oil	suitable		

wet maximum

suitable only under  
restricted conditions