

Garant**Machine tap HSS-E-PM, Hard chrome, M: M3****Order data**

Order number	131120 M3
GTIN	4045197068569
Item class	11H

Description**Version:****Strong spiral point.****Callout:**

Oil groove

Guide thread

Lead-in

Spiral point

Application:**Hard chrome-plated surface** for reduced edge build-up and increased tool life.

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 \varnothing D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole \varnothing : 2.5 mm**Technical description**

Thread \varnothing	3 mm
Tapping hole \varnothing	2.5 mm
Number of cutting edges Z	3
Thread pitch	0.5 mm

Number of clamping slots	3
Standard	DIN 371
Shank $\varnothing D_s$	3.5 mm
Overall length L	56 mm
Shank square \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	Hard chrome
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 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable only under restricted conditions	23 m/min	N

Steel < 500 N/mm ²	suitable only under restricted conditions	27 m/min	P
CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		
wet maximum	suitable		