

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

Order number	134270 M2,5
GTIN	4045197075239
Item class	11H

**Description****Version:****Hard chrome-plated surface** for reduced edge build-up and increased tool life.**Application:**Suitable for materials with tensile strength **up to maximum 450N/mm<sup>2</sup>**.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.45 mm

Overall length L: 50 mm

Shank  $\varnothing D_s$ : 2.8 mmShank square  $\square$ : 2.1 mmTapping hole  $\varnothing$ : 2.05 mm**Technical description**

Number of cutting edges Z	3
Number of clamping slots	3
Thread pitch	0.45 mm
Thread $\varnothing$	2.5 mm
Tapping hole $\varnothing$	2.05 mm
Standard	DIN 371
Shank $\varnothing D_s$	2.8 mm
Overall length L	50 mm

Shank square <input type="checkbox"/>	2.1 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	5 mm
Thread type	M
Thread size	M2.5
Coating	Hard chrome
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
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	yellow
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable	23 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	27 m/min	P
CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		

wet maximum

suitable