

Garant**Machine tap HSS-E-PM, Hard chrome, M: M14****Order data**

Order number	134270 M14
GTIN	4045197075314
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/mm²**.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 110 mm

Shank Ø D_s: 11 mm

Shank square □: 9 mm

Tapping hole Ø: 12 mm

Technical description

Thread Ø	14 mm
Tapping hole Ø	12 mm
Thread pitch	2 mm
Number of cutting edges Z	3
Number of clamping slots	3
Standard	DIN 376
Shank Ø D _s	11 mm

Overall length L	110 mm
Shank square □	9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	28 mm
Thread type	M
Thread size	M14
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 _c	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 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