

Garant
Machine tap HSS-E-PM, Hard chrome, M: M12

Order data

Order number	134270 M12
GTIN	4045197075307
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: 1.75 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 9 mm

Shank square \square : 7 mm

Tapping hole \varnothing : 10.2 mm

Technical description

Thread pitch	1.75 mm
Number of clamping slots	3
Thread \varnothing	12 mm
Tapping hole \varnothing	10.2 mm
Number of cutting edges Z	3
Standard	DIN 376
Shank $\varnothing D_s$	9 mm

Overall length L	110 mm
Shank square □	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	24 mm
Thread type	M
Thread size	M12
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 2xD 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