

**Garant**
**Machine tap HSS-E-PM, nitrided + vaporised, M: M12**

**Order data**

Order number	132420 M12
GTIN	4045197071583
Item class	11H

**Description**
**Version:**

**Strong spiral point. Guide section with oil grooves, but without chip flutes.**

**Advantage:**

**Particularly strong, optimum self-guidance and no recutting** when reversed.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank  $\varnothing D_s$ : 12 mm

Shank square  $\square$ : 9 mm

Tapping hole  $\varnothing$ : 10.2 mm

**Technical description**

Number of cutting edges Z	3
Tapping hole $\varnothing$	10.2 mm
Thread $\varnothing$	12 mm
Thread pitch	1.75 mm
Number of clamping slots	3
Standard	DIN 376
Shank $\varnothing D_s$	12 mm
Overall length L	110 mm

Shank square <input type="checkbox"/>	9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Thread depth	24 mm
Thread type	M
Thread size	M12
Coating	nitrided + vaporised
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 2×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	pink
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	ISO code
Hybrids	suitable		
Ti > 850 N/mm <sup>2</sup>	suitable	6 m/min	S
Inconel	suitable	2 m/min	S
MMC	suitable only under restricted conditions		
Oil	suitable		
wet maximum	suitable		