

Garant
Machine tap HSS-E-PM Form CS, uncoated, M: M12

Order data

Order number	131290 M12
GTIN	4045197069542
Item class	11H

Description
Version:
With spiral point.

 (Form CS) 2 – -3 turns chamfer lead – **with spiral point.**
Advantage:

Greater wear resistance.

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 \varnothing	12 mm
Number of cutting edges Z	3
Tapping hole \varnothing	10.2 mm
Number of clamping slots	3
Thread pitch	1.75 mm
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	36 mm
Thread type	M
Thread size	M12
Coating	uncoated
Flank angle	60°
Thread standard	DIN 13
Taper lead form	CS
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 conventional machining
Colour ring	without
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	15 m/min	N
Steel < 500 N/mm ²	suitable	18 m/min	P
Steel < 750 N/mm ²	suitable	18 m/min	P
Steel < 900 N/mm ²	suitable	18 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	9 m/min	P
Oil	suitable		

wet maximum

suitable only under
restricted conditions