

Garant
Machine tap HSS-E, nitrided and vaporised, M: M12

Order data

Order number	131920 M12
GTIN	4045197070708
Item class	11H

Description
Version:
With spiral point.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2X 6HX

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

Number of cutting edges Z	3
Tapping hole \varnothing	10.2 mm
Thread pitch	1.75 mm
Number of clamping slots	3
Thread \varnothing	12 mm
Standard	DIN 376
Shank $\varnothing D_s$	9 mm
Overall length L	110 mm
Shank square \square	7 mm

Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	36 mm
Thread type	M
Thread size	M12
Coating	nitrided and 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 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap

User data

	Suitability	V _c	ISO code
Steel < 500 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P
Steel < 1100 N/mm ²	suitable	6 m/min	P
Oil	suitable		
wet maximum	suitable only under restricted conditions		

