

Garant
Machine tap, left-hand thread HSS-E 6H, nitrided and vaporised, M-LH: M12

Order data

Order number	132800 M12
GTIN	4045197072849
Item class	11H

Description
Version:

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

Advantage:

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

Thread type: M-LH

Tool material: HSS E

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

Number of cutting edges Z	3
Thread \varnothing	12 mm
Thread pitch	1.75 mm
Number of clamping slots	3
Tapping hole \varnothing	10.2 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
Thread depth	36 mm
Thread type	M-LH
Thread size	M12 LH
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	left-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P
Steel < 1100 N/mm ²	suitable	6 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N

Uni	suitable
Oil	suitable
wet maximum	suitable only under restricted conditions