

Garant**Machine tap HSS-E, vaporised, MF: 5X0,5****Order data**

Order number	137050 5X0,5
GTIN	4045197079473
Item class	11H

Description**Version:**

Surface vaporised for reduced edge build-up.

Thread type: MF

Tool material: HSS E

Standard: DIN 374

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 70 mm

Shank Ø D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 4.5 mm

Technical description

Number of clamping slots	3
Thread Ø	5 mm
Tapping hole Ø	4.5 mm
Thread pitch	0.5 mm
Number of cutting edges Z	3
Shank Ø D _s	3.5 mm
Overall length L	70 mm
Shank square □	2.7 mm
Tolerance class	ISO 2 6H

Tool material	HSS E
Standard	DIN 374
Thread depth	10 mm
Thread type	MF
Thread size	M5×0.5
Coating	vaporised
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 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
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 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 only under restricted conditions	15 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N

Oil	suitable
wet maximum	suitable only under restricted conditions