

Garant
Machine tap, uncoated, M: M5

Order data

Order number	134200 M5
GTIN	4045197075024
Item class	11H

Description
Version:

Two spiral flutes with **polished** chip space.

Advantage:

Reliable swarf evacuation, due to the high helix angle and wide flutes.

Application:

Suitable for tensile strength up to maximum 300 N/mm².

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.8 mm

Overall length L: 70 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.2 mm

Technical description

Tapping hole Ø	4.2 mm
Thread Ø	5 mm
Number of cutting edges Z	2
Thread pitch	0.8 mm
Number of clamping slots	2
Standard	DIN 371

Shank $\varnothing D_s$	6 mm
Overall length L	70 mm
Shank square \square	4.9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	15 mm
Thread type	M
Thread size	M5
Coating	uncoated
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 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V_c	ISO code
Aluminium	suitable	13 m/min	N
Aluminium (short chipping)	suitable	13 m/min	N
PMMA acrylic	suitable	30 m/min	N
PEEK	suitable	30 m/min	N
Oil	suitable		

wet maximum

suitable only under
restricted conditions