

Garant
Machine tap, vaporised, M: M4

Order data

Order number	131100 M4
GTIN	4045197068460
Item class	11H

Description
Version:
Strong spiral point.

Guide section with oil grooves, but without chip flutes. **Particularly strong, optimal self-guidance with no recutting** on reversal.

Sizes M2.3 and M2.6 to the old DIN profile.

Callout:

Oil groove

Guide thread

Lead-in

Spiral point

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.7 mm

Overall length L: 63 mm

Shank \varnothing D_s: 4.5 mm

Shank square \square : 3.4 mm

Tapping hole \varnothing : 3.3 mm

Technical description

Thread \varnothing	4 mm
Number of cutting edges Z	2
Tapping hole \varnothing	3.3 mm
Thread pitch	0.7 mm

Number of clamping slots	2
Standard	DIN 371
Shank $\varnothing D_s$	4.5 mm
Overall length L	63 mm
Shank square \square	3.4 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	12 mm
Thread type	M
Thread size	M4
Coating	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	yellow
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	13 m/min	N
Aluminium (short chipping)	suitable	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P

CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable		