

Garant**Spiral point tap short, uncoated, M: M4****Order data**

Order number	131450 M4
GTIN	4045197069757
Item class	11H

Description**Version:****With spiral point.****Application:****As hand or machine tap.**

Thread type: M

Tool material: HSS E

Standard: DIN 352

Tolerance class: ISO 2 6H

Thread pitch: 0.7 mm

Overall length L: 45 mm

Shank $\varnothing D_s$: 4.5 mmShank square \square : 3.4 mmTapping hole \varnothing : 3.3 mm**Technical description**

Number of clamping slots	3
Tapping hole \varnothing	3.3 mm
Thread \varnothing	4 mm
Number of cutting edges Z	3
Thread pitch	0.7 mm
Standard	DIN 352
Shank $\varnothing D_s$	4.5 mm

Overall length L	45 mm
Shank square □	3.4 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	12 mm
Thread type	M
Thread size	M4
Coating	uncoated
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 conventional machining
Colour ring	without
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
Oil	suitable		
wet maximum	suitable only under restricted conditions		

