

**Garant****Machine tap with interrupted thread, uncoated, M: M6****Order data**

Order number	131650 M6
GTIN	4045197069931
Item class	11H

**Description****Version:****Spiral point.**

With interrupted thread, this **reduces torque** and **improves distribution of the lubricant**.

**Advantage:**

**Ideally suited for use on resilient materials and thin-walled components.** Low frictional resistance, thus no material deformation is caused.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1 mm

Overall length L: 80 mm

Shank  $\varnothing$  D<sub>s</sub>: 6 mm

Shank square □: 4.9 mm

Tapping hole  $\varnothing$ : 5 mm

**Technical description**

Number of cutting edges Z	3
Tapping hole $\varnothing$	5 mm
Thread pitch	1 mm
Number of clamping slots	3
Thread $\varnothing$	6 mm
Standard	DIN 371

Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Shank square $\square$	4.9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	18 mm
Thread type	M
Thread size	M6
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 <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
GG(G)	suitable only under restricted conditions	9 m/min	K
Oil	suitable		

wet maximum

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