

**Garant**
**Carbide machine tap, uncoated, M: M6**

**Order data**

Order number	131140 M6
GTIN	4045197068781
Item class	11H

**Description**
**Version:**

For use with **emulsion** (fat content minimum 8%). **Solid carbide version.**

**Advantage:**

**Particularly strong, optimal self-guidance.**

Thread type: M

Tool material: Carbide

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$ : 5 mm

**Technical description**

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

Overall length L	80 mm
Shank square □	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	Carbide
Thread depth	18 mm
Thread type	M
Thread size	M6
Coating	uncoated
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	C
Shank	Parallel shank to h6
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes
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 <sub>c</sub>	ISO code
Alu plastics	suitable	18 m/min	N
Aluminium (short chipping)	suitable	35 m/min	N
Alu > 10% Si	suitable	28 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	30 m/min	P
CuZn	suitable only under restricted conditions	24 m/min	N

Graphite, GRP, CRP	suitable	10 m/min	N
Oil	suitable		
wet maximum	suitable		
dry	suitable		