

**Garant**
**Machine tap, left-hand thread HSS-E 6H, nitrided and vaporised, M-LH: M6**

**Order data**

Order number	132800 M6
GTIN	4045197072818
Item class	11H

**Description**
**Version:**

With strong spiral point. **Guide section with oil grooves**, but without chip flutes.

**Advantage:**

**Particularly strong, optimal self-guidance** and no recutting when reversed.

Thread type: M-LH

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

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 clamping slots	3
Tapping hole $\varnothing$	5 mm
Number of cutting edges Z	3
Thread pitch	1 mm
Standard	DIN 371
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm

Shank square <input type="checkbox"/>	4.9 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	18 mm
Thread type	M-LH
Thread size	M6 LH
Coating	nitrided and 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	left-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	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
Steel < 900 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	6 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N
Uni	suitable		

Oil	suitable
wet maximum	suitable only under restricted conditions