

Garant
Machine tap 6G DIN 371, uncoated, M: M6

Order data

Order number	131300 M6
GTIN	4045197069634
Item class	11H

Description
Version:
With spiral point.
Tolerance class ISO 3 / 6G = oversize 0.02 – 0.04 mm.

Application:

For components which are **galvanised** after threading or shrink slightly when hardened.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 3 6G

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

Overall length L	80 mm
Shank square □	4.9 mm
Tolerance class	ISO 3 6G
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 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		

