

Garant
Machine tap Form B, vaporised, M: M6

Order data

Order number	132150 M6
GTIN	4045197071163
Item class	11H

Description
Version:

Particularly sturdy design.

Guide section with oil grooves, but without chip flutes. **Lead chamfer form B, with strong spiral point**. Size M2.6 to the old DIN profile.

Advantage:

Optimum self-guidance and **no recutting** when reversed.

Thread type: M

Tool material: HSS E

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
Tapping hole \varnothing	5 mm
Number of clamping slots	3
Standard	DIN 371

Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Shank square \square	4.9 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	18 mm
Thread type	M
Thread size	M6
Coating	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	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
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
Steel < 900 N/mm ²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M

CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		