

Garant
Machine tap, vaporised, M: M6

Order data

Order number	135450 M6
GTIN	4045197076847
Item class	11H

Description
Version:

 Size M2.6 to the old DIN profile. **HSS-E**

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 $\varnothing D_s$: 6 mm

 Shank square \square : 4.9 mm

 Tapping hole \varnothing : 5 mm

Technical description

Number of cutting edges Z	3
Number of clamping slots	3
Thread \varnothing	6 mm
Thread pitch	1 mm
Tapping hole \varnothing	5 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	12 mm
Thread type	M
Thread size	M6
Coating	vaporised
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind 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 only under restricted conditions	15 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	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