



Machine tap HSS-E, vaporised, M: M6



Order data

Order number	132645 M6
GTIN	4045197648891
Item class	12H

Description

Version:

Spiral point with oil grooves.

Guide section with oil grooves, but without chip flutes. Tolerance class: ISO 2 6H

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

Thread pitch	1 mm
Number of cutting edges Z	3
Tapping hole \varnothing	5 mm
Thread \varnothing	6 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 2 6H
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	green
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	11 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	12 m/min	P
Steel < 750 N/mm ²	suitable	8 m/min	P
Steel < 900 N/mm ²	suitable	7 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm ²	suitable	4 m/min	M
CuZn	suitable only under restricted conditions	12 m/min	N

Uni	suitable
Oil	suitable