



## Machine tap HSS-E, vaporised, M: M16



### Order data

Order number	132645 M16
GTIN	4062406088149
Item class	12H

### Description

#### Version:

**Spiral point with oil grooves.**

**Guide section with oil grooves,** but without chip flutes.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2 6H

Thread pitch: 2 mm

Overall length L: 110 mm

Shank  $\varnothing$  D<sub>s</sub>: 12 mm

Shank square  $\square$ : 9 mm

Tapping hole  $\varnothing$ : 14 mm

### Technical description

Overall length L	110 mm
Number of cutting edges Z	3
Thread depth	48 mm
Tapping hole $\varnothing$	14 mm
Thread pitch	2 mm
Thread $\varnothing$	16 mm
Tool material	HSS E
Thread type	M

Number of clamping slots	3
Tolerance class	ISO 2 6H
Standard	DIN 376
Shank square □	9 mm
Shank Ø D <sub>s</sub>	12 mm
Thread size	M16
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 <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	11 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	12 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	8 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	7 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable only under restricted conditions	4 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	4 m/min	M

CuZn	suitable only under restricted conditions	12 m/min	N
Uni	suitable		
Oil	suitable		