

**Machine tap HSS-E, vaporised, M: M20****Order data**

Order number	132645 M20
GTIN	4062406088156
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: 2.5 mm

Overall length L: 140 mm

Shank Ø D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 17.5 mm

**Technical description**

Number of clamping slots	3
Tolerance class	ISO 2 6H
Shank square □	12 mm
Number of cutting edges Z	3
Tapping hole Ø	17.5 mm
Thread type	M
Thread Ø	20 mm
Shank Ø D <sub>s</sub>	16 mm

Tool material	HSS E
Thread depth	60 mm
Thread pitch	2.5 mm
Standard	DIN 376
Overall length L	140 mm
Thread size	M20
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		