

Garant
Machine tap, vaporised, M: M20

Order data

Order number	131100 M20
GTIN	4045197068538
Item class	11H

Description
Version:
Strong spiral point.
Guide section with oil grooves, but without chip flutes. **Particularly strong, optimal self-guidance** with **no recutting** on reversal.

Sizes M2.3 and M2.6 to the old DIN profile.

Callout:

Oil groove

Guide thread

Lead-in

Spiral point

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 $\varnothing D_s$: 16 mm

 Shank square \square : 12 mm

 Tapping hole \varnothing : 17.5 mm

Technical description

Thread \varnothing	20 mm
Thread pitch	2.5 mm
Number of cutting edges Z	3

Number of clamping slots	3
Tapping hole Ø	17.5 mm
Standard	DIN 376
Shank Ø D _s	16 mm
Overall length L	140 mm
Shank square □	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	60 mm
Thread type	M
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	yellow
Type of product	Tap

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	13 m/min	N
Aluminium (short chipping)	suitable	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P

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