

**Garant**
**Machine tap Form B, vaporised, M: M20**

**Order data**

Order number	132150 M20
GTIN	4045197071224
Item class	11H

**Description**
**Version:**

Particularly sturdy design.

**Guide section with oil grooves**, but without chip flutes. **Lead chamfer form B, with strong spiral point**. Size M2.6 to the old DIN profile.

**Advantage:**

**Optimum self-guidance** and **no recutting** when reversed.

Thread type: M

Tool material: HSS E

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2.5 mm

Overall length L: 140 mm

Shank  $\varnothing$  D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole  $\varnothing$ : 17.5 mm

**Technical description**

Thread pitch	2.5 mm
Number of clamping slots	3
Tapping hole $\varnothing$	17.5 mm
Number of cutting edges Z	3
Thread $\varnothing$	20 mm
Standard	DIN 376

Shank $\varnothing D_s$	16 mm
Overall length L	140 mm
Shank square $\square$	12 mm
Tolerance class	ISO 2X 6HX
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	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 <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	6 m/min	M

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