

**Garant**
**Machine tap Form B, extra long, uncoated, M: M20**

**Order data**

Order number	131760 M20
GTIN	4045197070302
Item class	11H

**Description**
**Version:**
**With spiral point.**
**With extra long shank.**
**≤ M10:Shank to DIN 371;**
**≥ M12:Shank to DIN 376.**
**Advantage:**
**Designed for tapping threads where access is difficult.**

Thread type: M

Tool material: HSS E

Standard: Manufacturer's standard

Tolerance class: ISO 2 6H

Thread pitch: 2.5 mm

Overall length L: 280 mm

 Shank Ø D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 17.5 mm

**Technical description**

Thread Ø	20 mm
Tapping hole Ø	17.5 mm
Number of cutting edges Z	4
Number of clamping slots	4
Thread pitch	2.5 mm
Standard	Manufacturer's standard

Shank $\varnothing D_s$	16 mm
Overall length L	280 mm
Shank square $\square$	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	60 mm
Thread type	M
Thread size	M20
Coating	uncoated
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 conventional machining
Colour ring	without
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
Oil	suitable		
wet maximum	suitable only under restricted conditions		

