

**Garant**
**Machine tap extra long HSS-E-PM, vaporised, M: M20**

**Order data**

Order number	131765 M20
GTIN	4045197532077
Item class	11H

**Description**
**Version:**
**Spiral point with oil grooves.**
**Guide section with oil grooves**, but without chip flutes.

**With extra long shank..**
**All sizes: Shank to DIN 376 (= shank Ø relieved);** means it is highly suitable for use at great depths as a **universal tap**.

**Advantage:**

Designed for tapping threads where access is difficult.

Thread type: M

Tool material: HSS E PM

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
Number of cutting edges Z	4
Number of clamping slots	4
Thread pitch	2.5 mm
Tapping hole Ø	17.5 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 PM
Thread depth	60 mm
Thread type	M
Thread size	M20
Coating	vaporised
Flank angle	60 degrees
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