

Garant
Machine tap, vaporised, M: M20

Order data

Order number	135300 M20
GTIN	4045197076434
Item class	11H

Description
Version:

With strong right-hand chip flutes, for optimum swarf evacuation.

Recommendation:

For **TOOLOX materials we recommend deviating from the DIN data** (see table) by drilling the tapping hole \varnothing **0.05 to 0.3 mm** larger.

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 □: 12 mm

Tapping hole \varnothing : 17.5 mm

Technical description

Number of cutting edges Z	4
Tapping hole \varnothing	17.5 mm
Thread pitch	2.5 mm
Number of clamping slots	4
Thread \varnothing	20 mm
Standard	DIN 376
Shank \varnothing D _s	16 mm

Overall length L	140 mm
Shank square □	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	40 mm
Thread type	M
Thread size	M20
Coating	vaporised
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	red
Type of product	Tap

User data

	Suitability	V _c	ISO code
Steel < 500 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P
Steel < 1100 N/mm ²	suitable	6 m/min	P
TOOLOX 33	suitable	3 m/min	H
Oil	suitable		

wet maximum

suitable only under
restricted conditions