

Garant
Machine tap, TiCN, M: M20

Order data

Order number	135370 M20
GTIN	4045197076762
Item class	11H

Description
Version:

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

For use with **emulsion** (fat content minimum 8%).

Improved wear characteristics due to optimised HSS-E tool material

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

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

Shank $\varnothing D_s$	16 mm
Overall length L	140 mm
Shank square \square	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	40 mm
Thread type	M
Thread size	M20
Coating	TiCN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
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