

Garant
Machine tap HSS-E-PM, nitrided, M: M20

Order data

Order number	135750 M20
GTIN	4045197077509
Item class	11H

Description
Version:
Sturdy design, with 15° right-hand chip flutes.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2.5 mm

Overall length L: 140 mm

 Shank $\varnothing D_s$: 16 mm

 Shank square \square : 12 mm

 Tapping hole \varnothing : 17.5 mm

Technical description

Number of clamping slots	4
Number of cutting edges Z	4
Thread \varnothing	20 mm
Thread pitch	2.5 mm
Tapping hole \varnothing	17.5 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 PM
Thread depth	40 mm
Thread type	M
Thread size	M20
Coating	nitrided
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	15°
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	pink
Type of product	Tap

User data

	Suitability	V _c	ISO code
Steel < 900 N/mm ²	suitable only under restricted conditions	18 m/min	P
Steel < 1100 N/mm ²	suitable	9 m/min	P
Steel < 1400 N/mm ²	suitable	3 m/min	P
Ti > 850 N/mm ²	suitable	4 m/min	S
Oil	suitable		
wet maximum	suitable		