

Garant
Machine tap HSS-E-PM, Hard chrome, M: M20

Order data

Order number	131120 M20
GTIN	4045197068644
Item class	11H

Description
Version:
Strong spiral point.
Callout:

Oil groove

Guide thread

Lead-in

Spiral point

Application:
Hard chrome-plated surface for reduced edge build-up and increased tool life.

Thread type: M

Tool material: HSS E PM

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

Tapping hole \varnothing	17.5 mm
Thread \varnothing	20 mm
Number of clamping slots	3
Thread pitch	2.5 mm

Number of cutting edges Z	3
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 PM
Thread depth	60 mm
Thread type	M
Thread size	M20
Coating	Hard chrome
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 dynamic machining
Colour ring	yellow
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	28 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable only under restricted conditions	23 m/min	N

Steel < 500 N/mm ²	suitable only under restricted conditions	27 m/min	P
CuZn	suitable only under restricted conditions	28 m/min	N
Oil	suitable		
wet maximum	suitable		