

Garant
Machine tap, uncoated, M: M20

Order data

Order number	131850 M20
GTIN	4045197070531
Item class	11H

Description
Version:

Strong spiral point. Guide section with oil grooves, but without chip flutes.

Advantage:

Particularly strong, optimum self-guidance and no recutting when reversed.

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 \square : 12 mm

Tapping hole \varnothing : 17.5 mm

Technical description

Thread \varnothing	20 mm
Number of clamping slots	3
Tapping hole \varnothing	17.5 mm
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 <input type="checkbox"/>	12 mm
Tolerance class	ISO 2 6H
Tool material	HSS E
Thread depth	60 mm
Thread type	M
Thread size	M20
Coating	uncoated
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 conventional machining
Colour ring	without
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P
Steel < 900 N/mm ²	suitable	15 m/min	P
GG(G)	suitable only under restricted conditions	9 m/min	K
CuZn	suitable only under restricted conditions	13 m/min	N

Oil	suitable
wet maximum	suitable only under restricted conditions