

Garant
Machine tap HSS-E, vaporised, M: M20

Order data

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|--------------|---------------|
| Order number | 134250 M20 |
| GTIN | 4045197075192 |
| Item class | 11H |

Description
Version:
Vaporised surface. Reduces edge build-up.

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

| | |
|----------------------------|---------|
| Tapping hole \varnothing | 17.5 mm |
| Number of cutting edges Z | 4 |
| Thread pitch | 2.5 mm |
| Thread \varnothing | 20 mm |
| Number of clamping slots | 4 |
| 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 | 60 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 3×D for blind 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 | 13 m/min | N |
| Aluminium (short chipping) | suitable | 13 m/min | N |
| Steel < 500 N/mm ² | suitable | 15 m/min | P |
| CuZn | suitable only under restricted conditions | 13 m/min | N |
| Oil | suitable | | |
| wet maximum | suitable | | |

