

Garant
Machine tap HSS-E, nitrided and vaporised, M: M10

Order data

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|--------------|---------------|
| Order number | 131920 M10 |
| GTIN | 4045197070692 |
| Item class | 11H |

Description
Version:
With spiral point.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 100 mm

 Shank $\varnothing D_s$: 10 mm

 Shank square \square : 8 mm

 Tapping hole \varnothing : 8.5 mm

Technical description

| | |
|----------------------------|---------|
| Number of clamping slots | 3 |
| Thread pitch | 1.5 mm |
| Tapping hole \varnothing | 8.5 mm |
| Number of cutting edges Z | 3 |
| Thread \varnothing | 10 mm |
| Standard | DIN 371 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 100 mm |
| Shank square \square | 8 mm |

| | |
|----------------------------------|-----------------------------------|
| Tolerance class | ISO 2X 6HX |
| Tool material | HSS E |
| Thread depth | 30 mm |
| Thread type | M |
| Thread size | M10 |
| Coating | nitrided and vaporised |
| 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 | red |
| Type of product | Tap |

User data

| | Suitability | V _c | ISO code |
|--------------------------------|-------------------------------------------|----------------|----------|
| Steel < 500 N/mm ² | suitable only under restricted conditions | 15 m/min | P |
| Steel < 750 N/mm ² | suitable only under restricted conditions | 15 m/min | P |
| Steel < 900 N/mm ² | suitable | 15 m/min | P |
| Steel < 1100 N/mm ² | suitable | 6 m/min | P |
| Oil | suitable | | |
| wet maximum | suitable only under restricted conditions | | |

