

Garant**Machine tap HSS-E, vaporised, M: M10****Order data**

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|--------------|---------------|
| Order number | 132640 M10 |
| GTIN | 4045197072351 |
| Item class | 11H |

Description**Version:****Guide section with oil grooves**, but without chip flutes.

Size M1.7, M2.3, and M2.6 with old DIN profile.

With spiral point. Tolerance class: ISO 2 6H**Technical description**

| | |
|----------------------------|----------|
| Number of cutting edges Z | 3 |
| Tapping hole \varnothing | 8.5 mm |
| Thread \varnothing | 10 mm |
| Number of clamping slots | 3 |
| Thread pitch | 1.5 mm |
| Standard | DIN 371 |
| Shank $\varnothing D_s$ | 10 mm |
| Overall length L | 100 mm |
| Shank square \square | 8 mm |
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Thread depth | 30 mm |
| Thread type | M |
| Thread size | M10 |

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|----------------------------------|-----------------------------------|
| Coating | vaporised |
| Flank angle | 60 degrees |
| 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 | green |
| 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 |
| Steel < 1100 N/mm ² | suitable only under restricted conditions | 6 m/min | P |
| INOX < 900 N/mm ² | suitable | 6 m/min | M |
| CuZn | suitable only under restricted conditions | 13 m/min | N |
| Uni | suitable | | |
| Oil | suitable | | |
| wet maximum | suitable only under restricted conditions | | |