Garant

# Machine tap, vaporised, M: M10

## Order data

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|---|---|
| Order number | 135450 M10 |
| GTIN | 4045197076861 |
| Item class | 11H |

## Description

**Version:**
Size M2.6 to the old DIN profile. **HSS-E**
Thread type: M
Tool material: HSS E
Standard: DIN 371
Tolerance class: ISO 2 6H
Thread pitch: 1.5 mm
Overall length L: 100 mm
Shank ⌀ $D_s$: 10 mm
Shank square ☐: 8 mm
Tapping hole ⌀: 8.5 mm

## Technical description

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

| | |
|---|---|
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Thread depth | 20 mm |
| Thread type | M |
| Thread size | M10 |
| 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 2×D for blind holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for dynamic machining |
| Colour ring | blue |
| 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/mm² | suitable only under restricted conditions | 15 m/min | P |
| Steel < 750 N/mm² | suitable only under restricted conditions | 15 m/min | P |
| Steel < 900 N/mm² | suitable only under restricted conditions | 15 m/min | P |
| INOX < 900 N/mm² | suitable | 6 m/min | M |
| CuZn | suitable only under restricted conditions | 13 m/min | N |

| | |
|---|---|
| Oil | suitable |
| wet maximum | suitable only under restricted conditions |