

Garant**Machine tap, vaporised, M: M3****Order data**

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|--------------|---------------|
| Order number | 135150 M3 |
| GTIN | 4045197076106 |
| Item class | 11H |

Description**Version:**

With conically offset guide thread (3 – 4 full threads, then tapered towards the rear).

Particularly for recessed blind hole threads where the swarf generated remains in the tap flutes.

Advantage:

The tapered guide section allows the tap to be reversed with greatly reduced risk of chips jamming and causing damage to the tap.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 0.5 mm

Overall length L: 56 mm

Shank Ø D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.5 mm

Technical description

| | |
|---------------------------|---------|
| Number of clamping slots | 3 |
| Number of cutting edges Z | 3 |
| Tapping hole Ø | 2.5 mm |
| Thread Ø | 3 mm |
| Thread pitch | 0.5 mm |
| Standard | DIN 371 |

| | |
|----------------------------------|--|
| Shank Ø D _s | 3.5 mm |
| Overall length L | 56 mm |
| Shank square □ | 2.7 mm |
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Thread depth | 9 mm |
| Thread type | M |
| Thread size | M3 |
| 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 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 | | |