

Garant
Machine tap, uncoated, M: M8

Order data

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|--------------|---------------|
| Order number | 134200 M8 |
| GTIN | 4045197075048 |
| Item class | 11H |

Description
Version:

Two spiral flutes with **polished** chip space.

Advantage:

Reliable swarf evacuation, due to the high helix angle and wide flutes.

Application:

Suitable for tensile strength up to maximum 300 N/mm².

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2 6H

Thread pitch: 1.25 mm

Overall length L: 90 mm

Shank Ø D_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 6.8 mm

Technical description

| | |
|---------------------------|---------|
| Number of cutting edges Z | 2 |
| Thread pitch | 1.25 mm |
| Thread Ø | 8 mm |
| Number of clamping slots | 2 |
| Tapping hole Ø | 6.8 mm |
| Standard | DIN 371 |

| | |
|----------------------------------|-----------------------------------|
| Shank $\varnothing D_s$ | 8 mm |
| Overall length L | 90 mm |
| Shank square \square | 6.2 mm |
| Tolerance class | ISO 2 6H |
| Tool material | HSS E |
| Thread depth | 24 mm |
| Thread type | M |
| Thread size | M8 |
| Coating | uncoated |
| 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 |
|----------------------------|-------------|----------|----------|
| Aluminium | suitable | 13 m/min | N |
| Aluminium (short chipping) | suitable | 13 m/min | N |
| PMMA acrylic | suitable | 30 m/min | N |
| PEEK | suitable | 30 m/min | N |
| Oil | suitable | | |

wet maximum

suitable only under
restricted conditions