

**Garant**
**Carbide machine tap, uncoated, M: M4**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 132570 M4     |
| GTIN         | 4045197072009 |
| Item class   | 11H           |

**Description**
**Version:**
**Very sturdy, with short chamfer lead (2 – 3 turns). Solid carbide version.**
**Advantage:**
**Optimum self-guidance.**

Thread type: M

Tool material: Carbide

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.7 mm

Overall length L: 63 mm

 Shank  $\varnothing D_s$ : 4.5 mm

 Shank square  $\square$ : 3.4 mm

 Tapping hole  $\varnothing$ : 3.3 mm

**Technical description**

|                            |         |
|----------------------------|---------|
| Number of clamping slots   | 4       |
| Number of cutting edges Z  | 4       |
| Thread $\varnothing$       | 4 mm    |
| Tapping hole $\varnothing$ | 3.3 mm  |
| Thread pitch               | 0.7 mm  |
| Standard                   | DIN 371 |
| Shank $\varnothing D_s$    | 4.5 mm  |
| Overall length L           | 63 mm   |

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Shank square <input type="checkbox"/> | 3.4 mm                            |
| Tolerance class                       | ISO 2X 6HX                        |
| Tool material                         | Carbide                           |
| Thread depth                          | 12 mm                             |
| Thread type                           | M                                 |
| Thread size                           | M4                                |
| Coating                               | uncoated                          |
| Flank angle                           | 60°                               |
| Thread standard                       | DIN 13                            |
| Taper lead form                       | C                                 |
| Shank                                 | Parallel shank to h6              |
| Through-coolant                       | no                                |
| Application for type of drilling      | up to 3×D for blind holes         |
| 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                           | white                             |
| Type of product                       | Tap                               |

## User data

|             | Suitability                               | V <sub>c</sub> | ISO code |
|-------------|-------------------------------------------|----------------|----------|
| GG(G)       | suitable                                  | 16 m/min       | K        |
| CuZn        | suitable                                  | 20 m/min       | N        |
| wet maximum | suitable                                  |                |          |
| dry         | suitable only under restricted conditions |                |          |