

**Garant**
**Machine tap for cast iron, nitrided, M: M6**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 132500 M6     |
| GTIN         | 4045197071781 |
| Item class   | 11H           |

**Description**
**Version:**
**With straight flutes and short chamfer lead (2 – 3 turns).**
**Callout:**

4 cutting edges (from size M5).

4 flutes (from size M5).

Particularly wear resistant due to nitrided surface (13 2500).

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 80 mm

 Shank  $\varnothing D_s$ : 6 mm

 Shank square  $\square$ : 4.9 mm

 Tapping hole  $\varnothing$ : 5 mm

**Technical description**

|                            |         |
|----------------------------|---------|
| Number of clamping slots   | 4       |
| Thread $\varnothing$       | 6 mm    |
| Number of cutting edges Z  | 4       |
| Thread pitch               | 1 mm    |
| Tapping hole $\varnothing$ | 5 mm    |
| Standard                   | DIN 371 |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Shank $\varnothing D_s$          | 6 mm                              |
| Overall length L                 | 80 mm                             |
| Shank square $\square$           | 4.9 mm                            |
| Tolerance class                  | ISO 2X 6HX                        |
| Tool material                    | HSS E                             |
| Thread depth                     | 18 mm                             |
| Thread type                      | M                                 |
| Thread size                      | M6                                |
| Coating                          | nitrided                          |
| Flank angle                      | 60°                               |
| Thread standard                  | DIN 13                            |
| Taper lead form                  | C                                 |
| Shank                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| Application for type of drilling | up to 3xD for blind holes         |
| Application for type of drilling | up to 3xD 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                               | $V_c$    | ISO code |
|-------------|---|----------|----------|
| GG          | suitable                                  | 13 m/min | K        |
| GGG         | suitable only under restricted conditions | 9 m/min  | K        |
| wet maximum | suitable                                  |          |          |
| dry         | suitable only under restricted conditions |          |          |

