

**Garant**
**Solid carbide machine tap, TiAlN, M: 8X1**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 132862 8X1    |
| GTIN         | 4045197073945 |
| Item class   | 11H           |

**Description**
**Version:**

**Particularly sturdy version.** For the highest performance demands.

**Recommendation:**

For **very hard steels, TOOLOX** and **HARDOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole  $\varnothing$  **0.05** to **0.3mm** larger.

For use only with a length compensation chuck – even on machines with synchronised spindle drives.

Thread type: MF

Tool material: Solid carbide

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 90 mm

Shank  $\varnothing$  D<sub>s</sub>: 8 mm

Shank square □: 6.2 mm

Tapping hole  $\varnothing$ : 7 mm

**Technical description**

|                                    |      |
|------------------------------------|------|
| Number of cutting edges Z          | 5    |
| Thread pitch                       | 1 mm |
| Thread $\varnothing$               | 8 mm |
| Number of clamping slots           | 5    |
| Tapping hole $\varnothing$         | 7 mm |
| Shank $\varnothing$ D <sub>s</sub> | 8 mm |

|                                  |   |
|----------------------------------|---|
| Overall length L                 | 90 mm                                       |
| Shank square □                   | 6.2 mm                                      |
| Tolerance class                  | ISO 2X 6HX                                  |
| Tool material                    | Solid carbide                               |
| Standard                         | DIN 371                                     |
| Thread depth                     | 16 mm                                       |
| Thread type                      | MF  |
| Thread size                      | M8×1  |
| Coating                          | TiAlN                                       |
| Flank angle                      | 60 degrees                                  |
| Thread standard                  | DIN 13                                      |
| Taper lead form                  | D   |
| Shank                            | Parallel shank to h6                        |
| Through-coolant                  | no  |
| Application for type of drilling | up to 2×D for blind holes and through holes |
| Cutting direction                | right-hand                                  |
| Type of threading tool           | Machine tap for dynamic machining           |
| Colour ring                      | red   |
| Type of product                  | Tap   |