

**Garant**
**GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 7/8-9**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 137870 7/8-9  |
| GTIN         | 4045197901620 |
| Item class   | 11I           |

**Description**
**Version:**

**GARANT Master Tap Universal tap**, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for maximum wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

**Application:**

**For UNC uniform coarse threads** ASME – B1.1.

Thread type: UNC

Tool material: HSS E PM

Standard: DIN 376

Threads per inch: 9

Thread Ø: 22.23 mm

Overall length L: 140 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 19.5 mm

**Technical description**

|                        |           |
|------------------------|-----------|
| Thread size            | 7/8-9 UNC |
| Shank Ø D <sub>s</sub> | 18 mm     |
| Overall length L       | 140 mm    |
| Thread Ø               | 22.23 mm  |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Thread type                      | UNC                               |
| Number of cutting edges Z        | 4                                 |
| Thread pitch                     | 2.822 mm                          |
| Thread depth                     | 55.58 mm                          |
| Tool material                    | HSS E PM                          |
| Number of clamping slots         | 4                                 |
| Standard                         | DIN 376                           |
| Tapping hole Ø                   | 19.5 mm                           |
| Threads per inch                 | 9                                 |
| Shank square □                   | 14.5 mm                           |
| Series                           | GARANT Master Tap                 |
| Coating                          | AlTiX                             |
| Flank angle                      | 60 degrees                        |
| Tolerance class                  | 2BX                               |
| Taper lead form                  | C                                 |
| Helix angle                      | 40 degrees                        |
| Shank                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| Application for type of drilling | up to 2.5×D for blind holes       |
| Cutting direction                | right-hand                        |
| Type of threading tool           | Machine tap for dynamic machining |
| Colour ring                      | green                             |
| Type of product                  | Tap                               |