

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, G: G5/8 inch**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 133327 G5/8   |
| GTIN         | 4062406081157 |
| Item class   | 111           |

**Description**
**Version:**
**GARANT Master Tap INOX:**

Powerful tap, specially developed for **tapping to high process reliability in stainless and acid-resistant steels** and also **duplex materials**.

- **HSS-E-PM tool material for maximum wear resistance**
- **The latest generation of TiAlN multi-layer coating**
- **Parameterised flute geometry for optimum chip formation and torsional rigidity**

**Advantage:**

**Particularly strong, optimum self-guidance** and **no recutting** when reversed.

**Application:**

**For Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).

Tool material: HSS E PM

Threads per inch: 14

Thread Ø: 22.91 mm

Overall length L: 125 mm

Shank Ø D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 21 mm

**Technical description**

|                           |          |
|---------------------------|----------|
| Shank square □            | 14.5 mm  |
| Thread pitch              | 1.814 mm |
| Number of cutting edges Z | 4        |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Tapping hole Ø                   | 21 mm                             |
| Overall length L                 | 125 mm                            |
| Number of clamping slots         | 4                                 |
| Thread depth                     | 45.82 mm                          |
| Thread Ø                         | 22.91 mm                          |
| Shank Ø D <sub>s</sub>           | 18 mm                             |
| Tool material                    | HSS E PM                          |
| Threads per inch                 | 14                                |
| Thread size                      | G5/8                              |
| Series                           | GARANT Master Tap                 |
| Coating                          | TiAlN                             |
| Thread type                      | G                                 |
| Flank angle                      | 55 degrees                        |
| Standard                         | DIN 5156                          |
| Taper lead form                  | B                                 |
| Shank                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| 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                      | blue                              |
| Type of product                  | Tap                               |