

**Garant****GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, MF: 8X0,75****Order data**

|              |               |
|--------------|---------------|
| Order number | 137053 8X0,75 |
| GTIN         | 4062406081706 |
| Item class   | 11I           |

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

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

**The 45° helix angle** of the flutes facilitates chip formation especially in ductile austenitic CrNi steels.

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

Thread type: MF

Tool material: HSS E PM

Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 0.75 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 7.2 mm

**Technical description**

|                           |        |
|---------------------------|--------|
| Tapping hole Ø            | 7.2 mm |
| Thread depth              | 20 mm  |
| Number of cutting edges Z | 3      |
| Thread Ø                  | 6 mm   |

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Tolerance class                  | ISO 2X 6HX                        |
| Overall length L                 | 80 mm                             |
| Number of clamping slots         | 3                                 |
| Thread type                      | MF                                |
| Tool material                    | HSS E PM                          |
| Shank square $\square$           | 4.9 mm                            |
| Thread pitch                     | 0.75 mm                           |
| Standard                         | DIN 374                           |
| Shank $\varnothing D_s$          | 6 mm                              |
| Thread size                      | M8x0.75                           |
| Coating                          | TiAlN                             |
| Flank angle                      | 60 degrees                        |
| Thread standard                  | DIN 13                            |
| Taper lead form                  | C                                 |
| Helix angle                      | 45 degrees                        |
| Shank                            | Plain shank with h9               |
| Through-coolant                  | no                                |
| 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                      | blue                              |
| Series                           | GARANT Master Tap                 |
| Type of product                  | Tap                               |