

Garant

GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, MF: 16X1,5



Order data

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|--------------|---------------|
| Order number | 137053 16X1,5 |
| GTIN | 4062406081782 |
| Item class | 111 |

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: 1.5 mm

Overall length L: 100 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 14.5 mm

Technical description

| | |
|---------------------------|---------|
| Standard | DIN 374 |
| Number of cutting edges Z | 4 |
| Thread Ø | 16 mm |
| Thread type | MF |

| | |
|----------------------------------|-----------------------------------|
| Thread depth | 40 mm |
| Tapping hole \varnothing | 14.5 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Number of clamping slots | 4 |
| Overall length L | 100 mm |
| Shank square \square | 9 mm |
| Tolerance class | ISO 2X 6HX |
| Tool material | HSS E PM |
| Thread pitch | 1.5 mm |
| Thread size | M16x1.5 |
| 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 |