

Garant
GARANT Master Tap machine tap HSS-E-PM Form C, ALTiX, M: M16

Order data

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|--------------|---------------|
| Order number | 135960 M16 |
| GTIN | 4045197900067 |
| Item class | 111 |

Description
Version:

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

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

Corresponds to **ISO 2X/6HX**.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 12 mm

Shank square \square : 9 mm

Tapping hole \varnothing : 14 mm

Technical description

| | |
|---------------------------|----------|
| Number of clamping slots | 3 |
| Shank square \square | 9 mm |
| Number of cutting edges Z | 3 |
| Thread \varnothing | 16 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Tool material | HSS E PM |

| | |
|----------------------------------|-----------------------------------|
| Thread depth | 40 mm |
| Tapping hole Ø | 14 mm |
| Overall length L | 110 mm |
| Standard | DIN 376 |
| Thread pitch | 2 mm |
| Tolerance class | ISO 2X 6HX |
| Thread type | M |
| Thread size | M16 |
| Coating | AlTiX |
| Flank angle | 60 degrees |
| Thread standard | DIN 13 |
| 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 |
| Series | GARANT Master Tap |
| Type of product | Tap |