

Garant
GARANT Master Tap machine tap HSS-E-PM Form C 6GX, AlTiX, M: M6

Order data

| | |
|--------------|---------------|
| Order number | 136158 M6 |
| GTIN | 4045197900128 |
| Item class | 11I |

Description
Version:
Tolerance class: ISO 3X/6GX

For components which are galvanised or shrink slightly when hardened.

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.**

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 3X 6GX

Thread pitch: 1 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 6 mm

Shank square \square : 4.9 mm

Tapping hole \varnothing : 5 mm

Technical description

| | |
|----------------------------|------------|
| Thread pitch | 1 mm |
| Number of clamping slots | 3 |
| Tapping hole \varnothing | 5 mm |
| Overall length L | 80 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Tolerance class | ISO 3X 6GX |

| | |
|----------------------------------|-----------------------------------|
| Tool material | HSS E PM |
| Thread Ø | 6 mm |
| Shank square □ | 4.9 mm |
| Number of cutting edges Z | 3 |
| Standard | DIN 371 |
| Thread depth | 15 mm |
| Thread type | M |
| Thread size | M6 |
| 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 |