

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 12-24

Order data

| | |
|--------------|---------------|
| Order number | 137870 12-24 |
| GTIN | 4045197901552 |
| Item class | 111 |

Description
Version:

GARANT Master Tap Universal tap, designed for use in a wide spectrum of materials with high process reliability.

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

Application:

For UNC uniform coarse threads ASME – B1.1.

Thread type: UNC

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 24

Thread Ø: 5.49 mm

Overall length L: 80 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 4.5 mm

Technical description

| | |
|---------------------------|----------|
| Number of cutting edges Z | 2 |
| Standard | DIN 371 |
| Tapping hole Ø | 4.5 mm |
| Thread pitch | 1.058 mm |
| Number of clamping slots | 2 |

| | |
|----------------------------------|-----------------------------------|
| Shank $\varnothing D_s$ | 6 mm |
| Threads per inch | 24 |
| Shank square \square | 4.9 mm |
| Tool material | HSS E PM |
| Thread \varnothing | 5.49 mm |
| Overall length L | 80 mm |
| Thread type | UNC |
| Thread depth | 13.73 mm |
| Thread size | 12-24 UNC |
| Series | GARANT Master Tap |
| Coating | AlTiX |
| Flank angle | 60 degrees |
| Tolerance class | 2BX |
| 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 |
| Type of product | Tap |