

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 6-40

Order data

| | |
|--------------|---------------|
| Order number | 133410 6-40 |
| GTIN | 4062406208714 |
| Item class | 11I |

Description
Version:

GARANT Master Tap general-purpose tap, designed for use on 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 UNF unified fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 40

Thread Ø: 3.51 mm

Overall length L: 56 mm

Shank Ø D_s: 4 mm

Shank square □: 3 mm

Tapping hole Ø: 2.95 mm

Technical description

| | |
|---------------------------|----------|
| Overall length L | 56 mm |
| Tool material | HSS E PM |
| Number of cutting edges Z | 3 |
| Standard | DIN 371 |
| Threads per inch | 40 |

| | |
|----------------------------------|-----------------------------------|
| Thread type | UNF |
| Thread pitch | 0.635 mm |
| Shank $\varnothing D_s$ | 4 mm |
| Tapping hole \varnothing | 2.95 mm |
| Thread \varnothing | 3.51 mm |
| Number of clamping slots | 3 |
| Shank square \square | 3 mm |
| Thread depth | 10.53 mm |
| Thread size | 6-40 UNF |
| Series | GARANT Master Tap |
| Coating | AlTiX |
| Flank angle | 60 degrees |
| Tolerance class | 2BX |
| Taper lead form | B |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| Application for type of drilling | up to 3×D for through holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for dynamic machining |
| Colour ring | green |
| Type of product | Tap |