

Garant
Fluteless machine tap with oil grooves HSS-E-PM, TiN, M: 12X1

Order data

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|--------------|---------------|
| Order number | 139265 12X1 |
| GTIN | 4045197509550 |
| Item class | 11H |

Description
Version:

DIN 2174 (≈ DIN 374). **With oil grooves; optimum lubrication effect even in deeper threads.** The **innovative polygon form** permits a wide application spectrum. The **multi-function layer structure** achieves **maximum service life** even in **high-tensile materials**.

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 100 mm

Shank $\varnothing D_s$: 9 mm

Shank square \square : 7 mm

Tapping hole \varnothing with guide value: 11.55 mm

Technical description

| | |
|---|------------|
| Number of clamping slots | 6 |
| Number of cutting edges Z | 6 |
| Thread \varnothing | 12 mm |
| Shank $\varnothing D_s$ | 9 mm |
| Shank square \square | 7 mm |
| Overall length L | 100 mm |
| Tapping hole \varnothing with guide value | 11.55 mm |
| Thread depth | 36 mm |
| Thread pitch | 1 mm |
| Tolerance class | ISO 2X 6HX |

| | |
|----------------------------------|---|
| Thread size | M12×1 |
| Coating | TiN |
| Thread type | MF |
| Flank angle | 60 degrees |
| Tool material | HSS E PM |
| Standard | DIN 2174 |
| Thread standard | DIN 13 |
| Taper lead form | C |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| Application for type of drilling | up to 3×D for blind holes and through holes |
| Cutting direction | right-hand |
| Colour ring | green |
| Type of product | Fluteless tap |