

Garant
Machine tap HSS-E-PM, TiCN, G: G3/8

Order data

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|--------------|---------------|
| Order number | 137410 G3/8 |
| GTIN | 4045197273420 |
| Item class | 11H |

Description
Version:

For use with **emulsion** (fat content minimum 8%).

Application:

For Whitworth parallel pipe threads DIN-ISO 228/1 (threads that do not form a seal within the connection).

Recommendation:

For **TOOLOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole \varnothing **0.05** to **0.3 mm** larger.

Tool material: HSS E PM

Threads per inch: 19

Thread \varnothing : 16.66 mm

Overall length L: 100 mm

Shank \varnothing D_s: 12 mm

Shank square □: 9 mm

Tapping hole \varnothing : 15.25 mm

Technical description

| | |
|----------------------------|----------|
| Tapping hole \varnothing | 15.25 mm |
| Thread \varnothing | 16.66 mm |
| Number of clamping slots | 4 |
| Number of cutting edges Z | 4 |
| Threads per inch | 19 |
| Thread pitch | 1.337 mm |

| | |
|----------------------------------|-----------------------------------|
| Tool material | HSS E PM |
| Shank $\varnothing D_s$ | 12 mm |
| Overall length L | 100 mm |
| Shank square \square | 9 mm |
| Thread depth | 33.32 mm |
| Thread size | G3/8 |
| Coating | TiCN |
| Thread type | G |
| Flank angle | 55 degrees |
| Standard | DIN 5156 |
| Taper lead form | C |
| Helix angle | 40 degrees |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| Application for type of drilling | up to 2xD for blind holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for dynamic machining |
| Colour ring | red |
| Type of product | Tap |