

Garant
Machine tap HSS-E-PM, TiCN, M: M20

Order data

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|--------------|---------------|
| Order number | 132055 M20 |
| GTIN | 4045197648754 |
| Item class | 11H |

Description
Version:
Sturdy version.
Recommendation:

For **very hard steels, TOOLOX** and **HARDOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole \varnothing **0.05** to **0.3 mm** larger. For use only with a length compensation chuck – even on machines with synchronised spindle drives.

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2.5 mm

Overall length L: 140 mm

 Shank \varnothing D_s: 16 mm

Shank square □: 12 mm

 Tapping hole \varnothing : 17.5 mm

Technical description

| | |
|----------------------------|---------|
| Tapping hole \varnothing | 17.5 mm |
| Number of cutting edges Z | 3 |
| Thread pitch | 2.5 mm |
| Thread \varnothing | 20 mm |
| Number of clamping slots | 3 |
| Standard | DIN 376 |

| | |
|----------------------------------|---|
| Shank $\varnothing D_s$ | 16 mm |
| Overall length L | 140 mm |
| Shank square \square | 12 mm |
| Tolerance class | ISO 2X 6HX |
| Tool material | HSS E PM |
| Thread depth | 30 mm |
| Thread type | M |
| Thread size | M20 |
| Coating | TiCN |
| Flank angle | 60 degrees |
| Thread standard | DIN 13 |
| Taper lead form | C |
| Shank | Plain shank with h9 |
| Through-coolant | no |
| Application for type of drilling | up to 1.5xD for blind holes and through holes |
| Cutting direction | right-hand |
| Type of threading tool | Machine tap for dynamic machining |
| Colour ring | red |
| Type of product | Tap |