

**Garant**
**Machine tap HSS-E-PM, TiCN, G: G1**

**Order data**

Order number	137410 G1
GTIN	4045197273451
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: 11

Thread  $\varnothing$ : 33.25 mm

Overall length L: 160 mm

Shank  $\varnothing$  D<sub>s</sub>: 25 mm

Shank square □: 20 mm

Tapping hole  $\varnothing$ : 30.75 mm

**Technical description**

Number of cutting edges Z	4
Number of clamping slots	4
Thread $\varnothing$	33.25 mm
Thread pitch	2.309 mm
Tapping hole $\varnothing$	30.75 mm
Threads per inch	11

Tool material	HSS E PM
Shank $\varnothing D_s$	25 mm
Overall length L	160 mm
Shank square $\square$	20 mm
Thread depth	66.5 mm
Thread size	G1
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