

Garant
Machine tap HSS-E-PM, TiCN, G: G1/2

Order data

Order number	137410 G1/2
GTIN	4045197273437
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: 14

Thread \varnothing : 20.96 mm

Overall length L: 125 mm

Shank \varnothing D_s: 16 mm

Shank square □: 12 mm

Tapping hole \varnothing : 19 mm

Technical description

Thread \varnothing	20.96 mm
Threads per inch	14
Tapping hole \varnothing	19 mm
Number of cutting edges Z	4
Number of clamping slots	4
Thread pitch	1.814 mm

Tool material	HSS E PM
Shank $\varnothing D_s$	16 mm
Overall length L	125 mm
Shank square \square	12 mm
Thread depth	41.92 mm
Thread size	G1/2
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