

Garant
GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, G: G1/2 inch

Order data

Order number	133327 G1/2
GTIN	4062406081140
Item class	111

Description
Version:
GARANT Master Tap INOX:

Powerful tap, specially developed for **tapping to high process reliability in stainless and acid-resistant steels** and also **duplex materials**.

- **HSS-E-PM tool material for maximum wear resistance**
- **The latest generation of TiAlN multi-layer coating**
- **Parameterised flute geometry for optimum chip formation and torsional rigidity**

Advantage:

Particularly strong, optimum self-guidance and **no recutting** when reversed.

Application:

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

Tool material: HSS E PM

Threads per inch: 14

Thread Ø: 20.96 mm

Overall length L: 125 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 19 mm

Technical description

Shank square □	12 mm
Tool material	HSS E PM
Thread Ø	20.96 mm

Tapping hole Ø	19 mm
Thread pitch	1.814 mm
Thread depth	41.92 mm
Number of cutting edges Z	4
Shank Ø D _s	16 mm
Number of clamping slots	4
Overall length L	125 mm
Threads per inch	14
Thread size	G1/2
Series	GARANT Master Tap
Coating	TiAlN
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Type of product	Tap