

Garant**GARANT Master Tap INOX machine tap HSS-E-PM Form E, TiAlN, G: G1 inch****Order data**

Order number	137752 G1
GTIN	4062406210359
Item class	11I

Description**Version:****GARANT Master Tap INOX:**

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

The 45° helix angle of the chip flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- **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**

Form E (1.5-2 turns lead chamfer).

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: 11

Thread Ø: 33.25 mm

Overall length L: 160 mm

Shank Ø D_s: 25 mm

Shank square □: 20 mm

Tapping hole Ø: 30.75 mm

Technical description

Number of clamping slots	6
Shank Ø D _s	25 mm
Threads per inch	11

Shank square ☐	20 mm
Thread size	G1
Thread Ø	33.25 mm
Thread pitch	2.309 mm
Tool material	HSS E PM
Tapping hole Ø	30.75 mm
Thread depth	83.125 mm
Number of cutting edges Z	6
Overall length L	160 mm
Series	GARANT Master Tap
Coating	TiAlN
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
Taper lead form	E
Helix angle	45 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Type of product	Tap