

Garant

GARANT Master Tap INOX machine tap HSS-E-PM Form C, TiAlN, G: G1/8 inch



Order data

Order number	137750 G1/8
GTIN	4062406081225
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**

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: 28

Thread Ø: 9.73 mm

Overall length L: 90 mm

Shank Ø D_s: 7 mm

Shank square □: 5.5 mm

Tapping hole Ø: 8.8 mm

Technical description

Thread depth	24.325 mm
Threads per inch	28
Thread Ø	9.73 mm
Number of clamping slots	3

Thread pitch	0.907 mm
Shank $\varnothing D_s$	7 mm
Shank square \square	5.5 mm
Number of cutting edges Z	3
Tapping hole \varnothing	8.8 mm
Overall length L	90 mm
Tool material	HSS E PM
Thread size	G1/8
Series	GARANT Master Tap
Coating	TiAlN
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
Taper lead form	C
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