

Garant**GARANT Master Tap INOX machine tap HSS-E-PM Form E 6HX, TiAlN, M: M8****Order data**

Order number	135736 M8
GTIN	4062406081607
Item class	11I

Description**Version:**

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

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

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

Form E (lead chamfer: 1.5 - 2 turns).

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1.25 mm

Overall length L: 90 mm

Shank Ø D_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø: 6.8 mm

Technical description

Shank square □	6.2 mm
Thread depth	20 mm
Shank Ø D _s	8 mm
Standard	DIN 371

Tool material	HSS E PM
Tapping hole Ø	6.8 mm
Thread pitch	1.25 mm
Number of clamping slots	3
Thread Ø	8 mm
Thread type	M
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	3
Overall length L	90 mm
Thread size	M8
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	E
Helix angle	45 degrees
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
Series	GARANT Master Tap
Type of product	Tap