

**Garant**
**GARANT Master Tap INOX machine tap HSS-E-PM Form B 6GX, TiAlN, M: M8**

**Order data**

Order number	132193 M8
GTIN	4062406209322
Item class	111

**Description**
**Version:**

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

**Tolerance class: ISO 3X/6GX.** For components which are **galvanised** or shrink slightly when hardened.

Thread type: M

Tool material: HSS E PM

Standard: DIN 371

Tolerance class: ISO 3X 6GX

Thread pitch: 1.25 mm

Overall length L: 90 mm

Shank  $\varnothing D_s$ : 8 mm

Shank square  $\square$ : 6.2 mm

Tapping hole  $\varnothing$ : 6.8 mm

**Technical description**

Tool material	HSS E PM
Thread depth	24 mm
Tapping hole $\varnothing$	6.8 mm
Thread type	M
Thread size	M8

Number of cutting edges Z	3
Thread pitch	1.25 mm
Standard	DIN 371
Tolerance class	ISO 3X 6GX
Number of clamping slots	3
Overall length L	90 mm
Thread $\varnothing$	8 mm
Shank square $\square$	6.2 mm
Shank $\varnothing D_s$	8 mm
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
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
Series	GARANT Master Tap
Type of product	Tap