

Garant**GARANT Master Tap INOX machine tap HSS-E-PM Form C 6GX, TiAlN, M: M24****Order data**

Order number	135737 M24
GTIN	4062406209896
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**

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 376

Tolerance class: ISO 3X 6GX

Thread pitch: 3 mm

Overall length L: 160 mm

Shank Ø D_s: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 21 mm

Technical description

Tool material	HSS E PM
Thread pitch	3 mm
Overall length L	160 mm
Thread Ø	24 mm

Number of cutting edges Z	4
Shank square □	14.5 mm
Thread type	M
Number of clamping slots	4
Shank Ø D _s	18 mm
Thread size	M24
Thread depth	60 mm
Tolerance class	ISO 3X 6GX
Standard	DIN 376
Tapping hole Ø	21 mm
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
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
Series	GARANT Master Tap
Type of product	Tap