

Garant

GARANT Master Tap INOX machine tap extra long HSS-E-PM Form C 6HX, TiAlN, M: M6



Order data

Order number	135739 M6
GTIN	4062406209926
Item class	111

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**

With extra long shank. Shank to DIN 371.

Advantage:

Designed for tapping threads where access is difficult.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 160 mm

Shank $\varnothing D_s$: 6 mm

Shank square \square : 4.9 mm

Tapping hole \varnothing : 5 mm

Technical description

Overall length L	160 mm
Number of cutting edges Z	3
Tapping hole \varnothing	5 mm

Number of clamping slots	3
Thread Ø	6 mm
Shank Ø D _s	6 mm
Shank square □	4.9 mm
Thread pitch	1 mm
Thread size	M6
Tolerance class	ISO 2X 6HX
Thread type	M
Tool material	HSS E PM
Thread depth	15 mm
Standard	Manufacturer's standard
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