

## Garant

### Fluteless machine tap with oil grooves extra long HSS-E-PM Form C 6HX, TiAlN, M: M5



#### Order data

Order number	139208 M5
GTIN	4062406383695
Item class	111

#### Description

##### Version:

The latest generation of **high-performance fluteless taps**, specially developed for **use in steel materials**.

- **Optimised polygon geometry for a lower torque.**
- **Multi-layer HIPIMS coating for high wear resistance.**
- **HSS-E-PM substrate for exceptional process reliability.**

**Tolerance class:** ISO 2X/6HX.

With extra long shank.

##### Advantage:

Ideal for thread forming where access is difficult.

Tolerance class: ISO 2X 6HX

Thread pitch: 0.8 mm

Overall length L: 140 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$  guide value: 4.65 mm

#### Technical description

Thread depth	15 mm
Number of cutting edges Z	5
Thread $\varnothing$	5 mm
Shank $\varnothing D_s$	6 mm
Overall length L	140 mm

Thread pitch	0.8 mm
Tolerance class	ISO 2X 6HX
Series	GARANT Master Steel
Shank square □	4.9 mm
Thread size	M5
Tapping hole Ø guide value	4.65 mm
Number of clamping slots	5
Coating	TiAlN
Thread type	M
Flank angle	60 degrees
Tool material	HSS E PM
Standard	Manufacturer's standard
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes and through holes
Cutting direction	right-hand
Colour ring	without
Type of product	Fluteless tap