

Garant
GARANT Master Form Steel fluteless machine tap with oil grooves HSS-E-PM IC, TiAlN, MF: 5X0,5

Order data

Order number	139290 5X0,5
GTIN	4062406375126
Item class	11I

Description
Version:
GARANT Master Form Steel:

The latest generation of **high-performance fluteless taps** are specially developed for **use in steels**.

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

DIN 2174 (≈ DIN 371 ≤ M10; DIN 376 ≥ M12).

With internal coolant feed laterally from the grooves. Permits the longest possible tool life when machining through holes and blind holes.

Tolerance class: ISO 2X 6HX

Thread pitch: 0.5 mm

Overall length L: 70 mm

Shank Ø D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø guide value: 4.8 mm

Technical description

Thread size	M5×0.5
Tapping hole Ø guide value	4.8 mm
Series	GARANT Master Steel
Thread pitch	0.5 mm

Shank Ø D _s	6 mm
Thread Ø	5 mm
Number of clamping slots	5
Overall length L	70 mm
Shank square □	4.9 mm
Number of cutting edges Z	5
Thread depth	15 mm
Tolerance class	ISO 2X 6HX
Coating	TiAlN
Thread type	MF
Flank angle	60 degrees
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	yes
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