

Garant
Fluteless machine tap with oil grooves HSS-E-PM IC / Form C 6HX, TiAlN, M: M8

Order data

Order number	139202 M8
GTIN	4062406383480
Item class	11I

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.**

DIN 2174 (≈ DIN 371 ≤ M10; ≈ DIN 376 ≥ M12). With oil grooves; optimum lubrication effect even in deeper threads.

Tolerance class: ISO 2X/6HX.

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: 1.25 mm

Overall length L: 90 mm

Shank Ø D_s: 8 mm

Shank square □: 6.2 mm

Tapping hole Ø guide value: 7.45 mm

Technical description

Shank Ø D _s	8 mm
Shank square □	6.2 mm
Series	GARANT Master Steel
Thread depth	24 mm

Overall length L	90 mm
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	5
Tapping hole Ø guide value	7.45 mm
Thread pitch	1.25 mm
Number of clamping slots	5
Thread Ø	8 mm
Thread size	M8
Coating	TiAlN
Thread type	M
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 3xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	without
Type of product	Fluteless tap