Garant

Fluteless machine tap with oil grooves HSS-E-PM Form E 6HX, TiAIN, M: M12



Order data

Order number	139198 M12
GTIN	4062406383442
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.

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

Tolerance class: ISO 2X/6HX.

Form E (lead-in 1.5 – 2 turns) **for deep threads with short run-out.** The thread is tapped almost to the bottom of the hole. Tolerance class: ISO 2X 6HX Thread pitch: 1.75 mm Overall length L: 110 mm Shank Ø D_s: 9 mm

Shank square \Box : 7 mm Tapping hole Ø guide value: 11.2 mm

Technical description

Shank Ø D _s	9 mm
Tapping hole Ø guide value	11.2 mm
Number of clamping slots	8
Thread size	M12
Thread Ø	12 mm

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Overall length L	110 mm
Thread pitch	1.75 mm
Thread depth	36 mm
Series	GARANT Master Steel
Tolerance class	ISO 2X 6HX
Shank square 🗆	7 mm
Number of cutting edges Z	8
Coating	TiAIN
Thread type	М
Flank angle	60 degrees
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	E
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