

Garant
Fluteless machine tap with oil grooves HSS-E-PM Form E 6HX, TiAlN, M: M2

Order data

Order number	139198 M2
GTIN	4062406373559
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 (\approx **DIN 371** \leq M10; \approx **DIN 376** \geq 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: 0.4 mm

Overall length L: 45 mm

Shank \varnothing D_s: 2.8 mm

Shank square □: 2.1 mm

Tapping hole \varnothing guide value: 1.85 mm

Technical description

Tolerance class	ISO 2X 6HX
Thread size	M2
Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole \varnothing guide value	1.85 mm

Shank $\varnothing D_s$	2.8 mm
Overall length L	45 mm
Shank square \square	2.1 mm
Thread pitch	0.4 mm
Thread \varnothing	2 mm
Thread depth	6 mm
Series	GARANT Master Steel
Coating	TiAlN
Thread type	M
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 3xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	without
Type of product	Fluteless tap