

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

**Order data**

Order number	139198 M8
GTIN	4062406383428
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: 1.25 mm

Overall length L: 90 mm

Shank  $\varnothing$  D<sub>s</sub>: 8 mm

Shank square □: 6.2 mm

Tapping hole  $\varnothing$  guide value: 7.45 mm

**Technical description**

Series	GARANT Master Steel
Shank $\varnothing$ D <sub>s</sub>	8 mm
Tapping hole $\varnothing$ guide value	7.45 mm
Tolerance class	ISO 2X 6HX
Thread $\varnothing$	8 mm

Number of cutting edges Z	5
Shank square □	6.2 mm
Thread pitch	1.25 mm
Thread depth	24 mm
Overall length L	90 mm
Number of clamping slots	5
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	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