

**Garant**
**Fluteless machine tap without oil grooves HSS-E-PM 6HX, TiN, M: M1**

**Order data**

Order number	139125 M1
GTIN	4045197649683
Item class	11H

**Description**
**Version:**

 Size M1 - M1.4– **tolerance class:** ISO 1X / 4HX

**DIN 2174** ( $\approx$  **DIN 371**  $\leq$  M10;  $\approx$  **DIN 376**  $\geq$  M12).

 The **innovative polygon form** permits a wide application spectrum. The **multi-function layer structure** achieves **maximum service life** even in **high-tensile materials**.

Tolerance class: ISO 1X 4HX

Thread pitch: 0.25 mm

Overall length L: 40 mm

 Shank  $\varnothing D_s$ : 2.5 mm

 Shank square  $\square$ : 2.1 mm

 Tapping hole  $\varnothing$  with guide value: 0.9 mm

**Technical description**

Number of cutting edges Z	1
Thread $\varnothing$	1 mm
Thread pitch	0.25 mm
Number of clamping slots	1
Shank $\varnothing D_s$	2.5 mm
Shank square $\square$	2.1 mm
Overall length L	40 mm
Tapping hole $\varnothing$ with guide value	0.9 mm
Tolerance class	ISO 1X 4HX

Thread depth	1.5 mm
Thread size	M1
Coating	TiN
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	no
Application for type of drilling	up to 1.5×D for blind holes and through holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap