

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM, TiN, G: G1/4**

**Order data**

Order number	139400 G1/4
GTIN	4045197509611
Item class	11H

**Description**
**Version:**

**DIN 2189** (≈ DIN 5156). **With oil grooves; optimum lubrication effect even in deeper threads.** The **innovative polygon form** permits a wide application spectrum. The **multi-function layer structure** achieves **maximum service life** even in **high-tensile materials**.

**Application:**

For **Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).

Thread pitch: 1.337 mm

Threads per inch: 19

Thread Ø: 13.16 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 11 mm

Shank square □: 9 mm

**Technical description**

Thread pitch	1.337 mm
Threads per inch	19
Number of cutting edges Z	6
Thread Ø	13.16 mm
Number of clamping slots	6
Shank Ø D <sub>s</sub>	11 mm
Shank square □	9 mm

Overall length L	100 mm
Tapping hole $\varnothing$ with guide value	12.55 mm
Thread depth	39.48 mm
Thread size	G1/4
Coating	TiN
Thread type	G
Flank angle	55 degrees
Tool material	HSS E PM
Standard	DIN 2189
Tolerance class	ISO 228 X
Taper lead form	C
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	blue