

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM, TiAlN, G: G3/8**

**Order data**

Order number	139395 G3/8
GTIN	4045197705884
Item class	11H

**Description**
**Version:**

**DIN 2189** ( $\approx$  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**.

Special **TiAlN coating**, highly suitable **for aluminium alloys**.

**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  $\varnothing$ : 16.662 mm

Overall length L: 100 mm

Shank  $\varnothing$  D<sub>s</sub>: 12 mm

Shank square  $\square$ : 9 mm

**Technical description**

Number of cutting edges Z	6
Thread pitch	1.337 mm
Threads per inch	19
Number of clamping slots	6
Thread $\varnothing$	16.662 mm
Shank $\varnothing$ D <sub>s</sub>	12 mm
Shank square $\square$	9 mm

Overall length L	100 mm
Tapping hole $\varnothing$ with guide value	16.05 mm
Thread depth	49.98 mm
Thread size	G3/8
Coating	TiAlN
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 3xD for blind holes and through holes
Cutting direction	right-hand
Colour ring	yellow