

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM, TiN, M: 18X1,5**

**Order data**

Order number	139265 18X1,5
GTIN	4045197509581
Item class	11H

**Description**
**Version:**

**DIN 2174** ( $\approx$  DIN 374). **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**.

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm

Overall length L: 110 mm

Shank  $\varnothing D_s$ : 14 mm

Shank square  $\square$ : 11 mm

Tapping hole  $\varnothing$  with guide value: 17.35 mm

**Technical description**

Thread $\varnothing$	18 mm
Number of clamping slots	8
Number of cutting edges Z	8
Shank $\varnothing D_s$	14 mm
Shank square $\square$	11 mm
Overall length L	110 mm
Tapping hole $\varnothing$ with guide value	17.35 mm
Thread depth	54 mm
Thread pitch	1.5 mm
Tolerance class	ISO 2X 6HX

Thread size	M18×1.5
Coating	TiN
Thread type	MF
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 3×D for blind holes and through holes
Cutting direction	right-hand
Colour ring	green
Type of product	Fluteless tap