

**Garant**
**Fluteless machine tap with oil grooves HSS-E-PM, TiN, M: 20X1,5**

**Order data**

Order number	139260 20X1,5
GTIN	4045197509512
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: 125 mm

Shank  $\varnothing D_s$ : 16 mm

Shank square  $\square$ : 12 mm

Tapping hole  $\varnothing$  with guide value: 19.35 mm

**Technical description**

Number of clamping slots	8
Number of cutting edges Z	8
Thread $\varnothing$	20 mm
Shank $\varnothing D_s$	16 mm
Shank square $\square$	12 mm
Overall length L	125 mm
Tapping hole $\varnothing$ with guide value	19.35 mm
Thread depth	60 mm
Thread pitch	1.5 mm

Tolerance class	ISO 2X 6HX
Thread size	M20×1.5
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	blue
Type of product	Fluteless tap