

Garant
Fluteless machine tap with oil grooves HSS-E-PM Form E 6HX, TiN, M: M20

Order data

Order number	139185 M20
GTIN	4045197533753
Item class	11H

Description
Version:

DIN 2174 (\approx DIN 371 \leq M10; \approx DIN 376 \geq M12). **With oil grooves; optimum lubrication effect even in deeper threads.**

Tolerance class: ISO 2X/6HX.

Form E (lead-in: 1.5 – 2 turns) **for deep threads with short run-out.** The thread is tapped almost to the bottom of the hole.

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: 2.5 mm

Overall length L: 140 mm

Shank \varnothing D_s: 16 mm

Shank square □: 12 mm

Tapping hole \varnothing with guide value: 18.85 mm

Technical description

Thread pitch	2.5 mm
Thread \varnothing	20 mm
Number of cutting edges Z	8
Number of clamping slots	8
Shank \varnothing D _s	16 mm
Shank square □	12 mm
Overall length L	140 mm

Tapping hole Ø with guide value	18.85 mm
Tolerance class	ISO 2X 6HX
Thread depth	60 mm
Thread size	M20
Coating	TiN
Thread type	M
Flank angle	60 degrees
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	E
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