

Garant
GARANT Master Tap INOX machine tap HSS-E-PM Form E 6HX, TiAlN, M: M20

Order data

Order number	135736 M20
GTIN	4062406081652
Item class	111

Description
Version:

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

The 45° helix angle of the flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- **HSS-E-PM tool material for a high degree of wear resistance**
- **The latest generation of TiAlN multi-layer coating**
- **Parameterised flute geometry for optimum chip formation and torsional rigidity**

Form E (lead chamfer: 1.5 - 2 turns).

Thread type: M

Tool material: HSS E PM

Standard: DIN 376

Tolerance class: ISO 2X 6HX

Thread pitch: 2.5 mm

Overall length L: 140 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 17.5 mm

Technical description

Thread pitch	2.5 mm
Shank Ø D _s	16 mm
Shank square □	12 mm
Thread Ø	20 mm

Number of clamping slots	4
Standard	DIN 376
Thread depth	50 mm
Tool material	HSS E PM
Tapping hole Ø	17.5 mm
Overall length L	140 mm
Number of cutting edges Z	4
Tolerance class	ISO 2X 6HX
Thread type	M
Thread size	M20
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	E
Helix angle	45 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Series	GARANT Master Tap
Type of product	Tap