

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

Order data

Order number	136152 M20
GTIN	4045197900296
Item class	111

Description
Version:
Form E (1.5-2 turns lead chamfer)

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for a high degree of wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

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 $\varnothing D_s$: 16 mmShank square \square : 12 mmTapping hole \varnothing : 17.5 mm
Technical description

Tolerance class	ISO 2X 6HX
Shank $\varnothing D_s$	16 mm
Number of cutting edges Z	4
Thread pitch	2.5 mm
Tool material	HSS E PM
Standard	DIN 376

Overall length L	140 mm
Number of clamping slots	4
Thread depth	50 mm
Thread Ø	20 mm
Tapping hole Ø	17.5 mm
Shank square □	12 mm
Thread type	M
Thread size	M20
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	E
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap