

Garant

GARANT Master Tap machine tap left-hand thread HSS-E-PM 6HX, AlTiX, M-LH: M20



Order data

Order number	136190 M20
GTIN	4045197900678
Item class	111

Description

Version:

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-LH

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 Ø	20 mm
Tool material	HSS E PM
Overall length L	140 mm
Number of clamping slots	4
Shank Ø D _s	16 mm
Tapping hole Ø	17.5 mm

Number of cutting edges Z	4
Thread depth	50 mm
Thread pitch	2.5 mm
Standard	DIN 376
Tolerance class	ISO 2X 6HX
Shank square □	12 mm
Thread type	M-LH
Thread size	M20 LH
Coating	AlTiX
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
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	left-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap