

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

**Order data**

Order number	136158 M20
GTIN	4045197900180
Item class	111

**Description**
**Version:**
**Tolerance class: ISO 3X/6GX**

For components which are galvanised or shrink slightly when hardened.

**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 3X 6GX

Thread pitch: 2.5 mm

Overall length L: 140 mm

Shank  $\varnothing$  D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole  $\varnothing$ : 17.5 mm

**Technical description**

Overall length L	140 mm
Standard	DIN 376
Number of clamping slots	4
Tolerance class	ISO 3X 6GX
Tool material	HSS E PM
Tapping hole $\varnothing$	17.5 mm

Shank square □	12 mm
Thread Ø	20 mm
Number of cutting edges Z	4
Thread depth	50 mm
Thread pitch	2.5 mm
Shank Ø D <sub>s</sub>	16 mm
Thread type	M
Thread size	M20
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	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Series	GARANT Master Tap
Type of product	Tap