

## Garant

### GARANT Master Tap INOX machine tap HSS-E-PM IC / Form B 6HX, TiAlN, M: M20



#### Order data

Order number	132190 M20
GTIN	4062406080914
Item class	111

#### Description

##### Version:

With internal coolant supply

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

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

##### Standard:

With internal coolant supply

##### GARANT Master Tap INOX:

powerful tap, specially developed for **tapping to high process reliability in rust-resistant and acid-resistant steels** and also **duplex materials**.

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

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 mm

Shank square  $\square$ : 12 mm

Tapping hole  $\varnothing$ : 17.5 mm

#### Technical description

Tapping hole Ø	17.5 mm
Shank Ø D <sub>s</sub>	16 mm
Tool material	HSS E PM
Overall length L	140 mm
Thread pitch	2.5 mm
Standard	DIN 376
Shank square □	12 mm
Number of cutting edges Z	3
Number of clamping slots	3
Thread type	M
Thread Ø	20 mm
Tolerance class	ISO 2X 6HX
Thread depth	60 mm
Thread size	M20
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	B
Shank	Plain shank with h9
Through-coolant	yes
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

