

Garant

GARANT Master Tap machine tap for wire thread inserts HSS-E-PM, AlTiX, EG-M: EG-M20



Order data

Order number	138210 EG-M20
GTIN	4062406208950
Item class	111

Description

Version:

Tap to DIN 40435 (similar to DIN 371 / DIN 376).

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

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

Application:

For production of AC mounting thread to metric ISO threads **DIN 8140** for **STI** (Screw Thread Insert) wire thread inserts.

Note:

Please ensure without fail to state the correct **tapping drill Ø (see table)!**

Tool material: HSS E PM

Standard: DIN 40435

Tolerance class: 6HX mod.

Thread pitch: 2.5 mm

Overall length L: 160 mm

Shank Ø D_s: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 20.75 mm

Technical description

Number of cutting edges Z	4
Thread pitch	2.5 mm

Thread depth	60 mm
Tool material	HSS E PM
Shank $\varnothing D_s$	18 mm
Thread \varnothing	20 mm
Standard	DIN 40435
Shank square \square	14.5 mm
Thread size	M20
Overall length L	160 mm
Number of clamping slots	4
Tapping hole \varnothing	20.75 mm
Tolerance class	6HX mod.
Coating	AlTiX
Thread type	EG-M
Flank angle	60 degrees
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