

**Garant**
**GARANT Master Tap machine tap HSS-E-PM Form E 6HX, AlTiX, M: M24**

**Order data**

Order number	136152 M24
GTIN	4045197900302
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: 3 mm

Overall length L: 160 mm

Shank  $\varnothing$  D<sub>s</sub>: 18 mm

Shank square □: 14.5 mm

Tapping hole  $\varnothing$ : 21 mm
**Technical description**

Thread pitch	3 mm
Tolerance class	ISO 2X 6HX
Tapping hole $\varnothing$	21 mm
Thread $\varnothing$	24 mm
Standard	DIN 376
Tool material	HSS E PM

Shank $\varnothing D_s$	18 mm
Thread depth	60 mm
Number of clamping slots	4
Overall length L	160 mm
Shank square $\square$	14.5 mm
Number of cutting edges Z	4
Thread type	M
Thread size	M24
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