

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNF: 7/8-14

Order data

Order number	138010 7/8-14
GTIN	4045197901828
Item class	111

Description
Version:

GARANT Master Tap Universal tap, 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 UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 374

Threads per inch: 14

Thread Ø: 22.23 mm

Overall length L: 125 mm

Shank Ø D_s: 18 mm

Shank square □: 14.5 mm

Tapping hole Ø: 20.4 mm

Technical description

Tapping hole Ø	20.4 mm
Thread depth	55.58 mm
Overall length L	125 mm
Thread pitch	1.814 mm

Standard	DIN 374
Shank $\varnothing D_s$	18 mm
Number of clamping slots	4
Threads per inch	14
Number of cutting edges Z	4
Shank square \square	14.5 mm
Thread size	7/8-14 UNF
Tool material	HSS E PM
Thread type	UNF
Thread \varnothing	22.23 mm
Series	GARANT Master Tap
Coating	AlTiX
Flank angle	60 degrees
Tolerance class	2BX
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
Type of product	Tap