

Garant
GARANT Master Tap machine tap HSS-E-PM, ALTiX, UNC: 5/8-11

Order data

Order number	137870 5/8-11
GTIN	4045197901606
Item class	111

Description
Version:

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 UNC uniform coarse threads ASME – B1.1.

Thread type: UNC

Tool material: HSS E PM

Standard: DIN 376

Threads per inch: 11

Thread Ø: 15.88 mm

Overall length L: 110 mm

Shank Ø D_s: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 13.5 mm

Technical description

Overall length L	110 mm
Thread depth	39.7 mm
Thread size	5/8-11 UNC
Shank square □	9 mm
Number of clamping slots	3

Thread pitch	2.309 mm
Thread type	UNC
Shank $\varnothing D_s$	12 mm
Thread \varnothing	15.88 mm
Standard	DIN 376
Tapping hole \varnothing	13.5 mm
Tool material	HSS E PM
Number of cutting edges Z	3
Threads per inch	11
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