

Garant
Machine taps extra long HSS-E-PM, TiAlN, M: M12

Order data

Order number	134655 M12
GTIN	4045197705181
Item class	11H

Description
Version:
With extra long shank.

 Special **TiAlN coating**, highly suitable for **aluminium alloys**.

All sizes: Shank to DIN 376 (= shank Ø relieved), outstandingly suitable for use up to great depths.

Advantage:

 Designed **for tapping threads where access is difficult**.

Application:

 Suitable for materials with tensile strength **up to maximum 450N/mm²**.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2 6H

Thread pitch: 1.75 mm

Overall length L: 180 mm

 Shank Ø D_s: 9 mm

Shank square □: 7 mm

Tapping hole Ø: 10.2 mm

Technical description

Thread pitch	1.75 mm
Tapping hole Ø	10.2 mm
Number of cutting edges Z	3
Thread Ø	12 mm
Number of clamping slots	3

Standard	Manufacturer's standard
Shank $\varnothing D_s$	9 mm
Overall length L	180 mm
Shank square \square	7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	36 mm
Thread type	M
Thread size	M12
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
Helix angle	40 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3xD for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	yellow
Type of product	Tap