

Garant

Synchronised fluteless machine tap with oil grooves Solid carbide IC, TiAlN, M: M12



Order data

Order number	139244 M12
GTIN	4045197273529
Item class	11H

Description

Version:

Special polygon geometry and shank to DIN 6535-HA for use on machines with **synchronised spindle drives. With oil grooves; optimal lubrication effect even in deeper threads.**

Special solid carbide tool material for high cutting speeds and long tool life. **TiAlN and anti-friction coating** ensure low wear and low tendency to edge build-up.

With axial internal coolant supply; advantageous / sufficient for **blind hole** machining.

Note:

For use on synchronised spindles, the **GARANT** quick-change tapping chuck **No. 338100 – 338121 with minimum length adjustment (MLA)** ensures very high process reliability.

Tolerance class: ISO 2X 6HX

Thread pitch: 1.75 mm

Overall length L: 110 mm

Shank $\varnothing D_s$: 12 mm

Shank square \square : 9 mm

Tapping hole \varnothing with guide value: 11.2 mm

Technical description

Thread pitch	1.75 mm
Number of clamping slots	5
Thread \varnothing	12 mm
Number of cutting edges Z	5
Shank $\varnothing D_s$	12 mm

Shank square □	9 mm
Overall length L	110 mm
Tapping hole Ø with guide value	11.2 mm
Tolerance class	ISO 2X 6HX
Thread depth	36 mm
Thread size	M12
Coating	TiAlN
Thread type	M
Flank angle	60 degrees
Tool material	Solid carbide
Standard	Manufacturer's standard
Thread standard	DIN 13
Taper lead form	C
Shank	DIN 6535 HA with h6
Through-coolant	yes
Application for type of drilling	up to 3×D for blind holes and through holes
Cutting direction	right-hand
Shank tolerance	h6
Colour ring	without
Type of product	Fluteless tap