

Garant

Synchronised fluteless machine tap with oil grooves Solid carbide, TiAlN, M: M3



Order data

Order number	139242 M3
GTIN	4045197273468
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.

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: 0.5 mm

Overall length L: 56 mm

Shank $\varnothing D_s$: 6 mm

Shank square \square : 4.9 mm

Tapping hole \varnothing with guide value: 2.8 mm

Technical description

Number of cutting edges Z	5
Number of clamping slots	5
Thread \varnothing	3 mm
Thread pitch	0.5 mm
Shank $\varnothing D_s$	6 mm
Shank square \square	4.9 mm

Overall length L	56 mm
Tapping hole Ø with guide value	2.8 mm
Tolerance class	ISO 2X 6HX
Thread depth	9 mm
Thread size	M3
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	no
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