

## Garant

### Synchronised fluteless machine tap with oil grooves Solid carbide IC, TiAlN, M: M5



#### Order data

Order number	139243 M5
GTIN	4045197365644
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 internal coolant supply laterally from the grooves; recommended for through and blind holes.**

##### 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: 0.8 mm

Overall length L: 70 mm

Shank  $\varnothing D_s$ : 6 mm

Shank square  $\square$ : 4.9 mm

Tapping hole  $\varnothing$  with guide value: 4.65 mm

#### Technical description

Thread pitch	0.8 mm
Number of cutting edges Z	5
Number of clamping slots	5
Thread $\varnothing$	5 mm

Shank $\varnothing D_s$	6 mm
Shank square $\square$	4.9 mm
Overall length L	70 mm
Tapping hole $\varnothing$ with guide value	4.65 mm
Tolerance class	ISO 2X 6HX
Thread depth	15 mm
Thread size	M5
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 3xD for blind holes and through holes
Cutting direction	right-hand
Shank tolerance	h6
Colour ring	without
Type of product	Fluteless tap