

**Garant**
**Synchronised fluteless machine tap with oil grooves Solid carbide, TiAlN, M: M8**

**Order data**

Order number	139242 M8
GTIN	4045197365613
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: 1.25 mm

Overall length L: 90 mm

Shank  $\varnothing D_s$ : 8 mm

Shank square  $\square$ : 6.2 mm

Tapping hole  $\varnothing$  with guide value: 7.45 mm

**Technical description**

Thread $\varnothing$	8 mm
Thread pitch	1.25 mm
Number of clamping slots	6
Number of cutting edges Z	6
Shank $\varnothing D_s$	8 mm
Shank square $\square$	6.2 mm

Overall length L	90 mm
Tapping hole Ø with guide value	7.45 mm
Tolerance class	ISO 2X 6HX
Thread depth	24 mm
Thread size	M8
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