Garant

Machine tap for synchronised spindles HSS-E-PM internal cooling, TiAlN, M: M8



Order data

Order number	132070 M8
GTIN	4045197507723
Item class	11H

Description

Version:

Sturdy design with spiral point and shank to DIN 1835-B. Special geometry for use on machines with **synchronised spindle drives.** The tap is controlled by the synchronising spindle of the machine.

Special **TiAlN coating** for optimum tool life. For use with **emulsion** (fat content minimum 8%). **With internal coolant supply** for maximum tool life.

Recommendation:

For **TOOLOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole \emptyset **0.05** to **0.3 mm** larger.

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.

Thread type: M Tool material: HSS E PM Standard: Manufacturer's standard Tolerance class: ISO 2X 6HX Thread pitch: 1.25 mm Overall length L: 90 mm Shank \emptyset D₃: 8 mm Shank square \Box : 6.2 mm Tapping hole \emptyset : 6.8 mm

Technical description

Thread Ø	8 mm
Thread pitch	1.25 mm

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Number of cutting edges Z3StandardManufacturer's standardShank Ø D,8 mmOverall length L90 mmShank square □6.2 mmTolerance classISO 2X 6HXTool materialHSS E PMThread depth20 mmThread sizeM8CoatingTiAlNFlank angle60 degreesThread standardDIN 13Taper lead form8ShankDIN 1835 B with h6Through-coolantyesApplication for type of drillingup to 2.5xD for through holesCutting directionn6Shank toleranceh6Shank toleranceMachine tap for synchronous machiningColour ringred	Number of clamping slots	3
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