

Machine tap for synchronised spindles HSS-E-PM IC / Form C, TiAIN, M: 10X1



Order data

Order number	137186 10X1
GTIN	4045197705440
Item class	11H

Description

Version:

Sturdy version with right-hand helix and shank to DIN 1835-B. Special geometry for **general-purpose use** on machines with **synchronised spindle drive.** The tap is controlled by the synchronising spindle of the machine. Special **TiAIN-S coating** for optimum tool life. For use with **emulsion** (fat content minimum 8%).

With internal coolant supply for maximum tool life.

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: MF

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm Overall length L: 90 mm Shank Ø D₃: 10 mm Shank square □: 8 mm Tapping hole Ø: 9 mm

Technical description

Thread pitch	1 mm
Number of cutting edges Z	3
Number of clamping slots	3
Tapping hole Ø	9 mm
Thread ∅	10 mm

Overall length L 90 mm Shank square □ 8 mm Tolerance class ISO 2X 6HX Tool material HSS E PM Standard Manufacturer's standard Thread depth 30 mm Thread type MF Thread size M10×1 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 40 degrees Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Machine tap for synchronous machining Colour ring green Type of product Tap	Shank Ø D _s	10 mm
Tolerance class Tool material Tool material Tool material Standard Manufacturer's standard Thread depth Thread type MF Thread size M10×1 Coating TiAIN Flank angle G0 degrees Thread standard DIN 13 Taper lead form C Helix angle Shank DIN 1835 B with h6 Through-coolant Type of drilling Cutting direction Shank tolerance Type of threading tool Colour ring TiSO 2X 6HX Manufacturer's standard Manufacturer's standard Manufacturer's standard Mne Tomm Thread standard Mne TiAIN TiAIN Tough 60 degrees DIN 13 Tough 13 Tough 13 Tough 13 Tough 13 Tough 14 Tough 15 Tough 16 Tough 17 Tough 1835 B with h6 Through 1835 B with h6 Type of threading tool	Overall length L	90 mm
Tool material HSS E PM Standard Manufacturer's standard Thread depth 30 mm Thread type MF Thread size M10×1 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 40 degrees Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Colour ring green	Shank square □	8 mm
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Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Machine tap for synchronous machining Colour ring green	Shank	DIN 1835 B with h6
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Type of threading tool Colour ring Machine tap for synchronous machining green	Cutting direction	right-hand
Colour ring synchronous machining green	Shank tolerance	h6
-	Type of threading tool	· ·
Type of product Tap	Colour ring	green
	Type of product	Тар