

Machine tap for synchronised spindles HSS-E-PM Form C, TiAIN, M: 10X1,25



Order data

Order number	137180 10X1,25
GTIN	4045197705273
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%).

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: 1.25 mm Overall length L: 100 mm Shank Ø D_s: 10 mm Shank square □: 8 mm Tapping hole Ø: 8.8 mm

Technical description

Thread Ø	10 mm
Number of cutting edges Z	3
Tapping hole Ø	8.8 mm
Thread pitch	1.25 mm
Number of clamping slots	3

Overall length L 100 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 M10×1.25 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 40 degrees Shank DIN 1835 B with h6 Through-coolant no 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 Standard Manufacturer's standard Thread depth 30 mm Thread type MF Thread size M10×1.25 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle Shank DIN 1835 B with h6 Through-coolant Application for type of drilling Cutting direction Shank tolerance Type of threading tool Colour ring General Standard ABS E PM Manufacturer's standard Mnounfacturer's standard Mnounf	Overall length L	100 mm
Tool material HSS E PM Standard Manufacturer's standard Thread depth 30 mm Thread type MF Thread size M10×1.25 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 40 degrees Shank DIN 1835 B with h6 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Shank tolerance h6 Type of threading tool green Colour ring green	Shank square □	8 mm
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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
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Type of product Tap	Colour ring	green
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