

Machine tap for synchronised spindles HSS-E-PM IC / Form B 6HX, TiAIN, M: M6



Order data

Order number	132745 M6
GTIN	4045197507839
Item class	11H

Description

Version:

Sturdy version with lead-in taper 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 coating for optimum tool life.

Can be used with **emulsion** (fat content minimum 8%).

Withinternal coolant feed 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: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm Overall length L: 80 mm Shank Ø D₄: 6 mm

Shank square □: 4.9 mm

Tapping hole Ø: 5 mm

Technical description

Number of clamping slots	3
Number of cutting edges Z	3
Tapping hole ∅	5 mm

Thread pitch Standard Shank Ø D, Goverall length L Shank square □ Tolerance class ISO 2X 6HX Tool material Thread depth Thread depth Thread size M6 Coating TiAlN Flank angle Go degrees Thread standard Taper lead form Shank DIN 1835 B with h6 Through-coolant Application for type of drilling Culting direction Type of threading tool Colour ring Tolerance Tapen Manufacturer's standard Annufacturer's standard Annuf	Thread Ø	6 mm
Shank Ø D, 6 mm Overall length L 80 mm Shank square □ 4.9 mm Tolerance class ISO 2X 6HX Tool material HSS E PM Thread depth 18 mm Thread type M Thread size M6 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper til synkron bearbejdning Colour ring green	Thread pitch	1 mm
Overall length L 80 mm Shank square □ 4.9 mm Tolerance class ISO 2X 6HX Tool material HSS E PM Thread depth 18 mm Thread type M Thread size M6 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper till synkron bearbejdning Colour ring green	Standard	Manufacturer's standard
Shank square □4.9 mmTolerance classISO 2X 6HXTool materialHSS E PMThread depth18 mmThread typeMThread sizeM6CoatingTiAINFlank angle60 degreesThread standardDIN 13Taper lead formBShankDIN 1835 B with h6Through-coolantyesApplication for type of drillingup to 3×D for through holesCutting directionright-handShank toleranceh6Type of threading toolMaskinsnittapper til synkron bearbejdningColour ringgreen	Shank Ø D _s	6 mm
Tolerance class Tool material Thread depth Thread depth Thread type M Thread size M6 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring TiSO 2X 6HX HSS E PM 18 mm Maskinsnittapper till synkron bearbeigdning Colour ring Type of threading tool Type of colour ring Tis Day 18 mm Maskinsnittapper till synkron bearbeigdning Golour ring Type of threading tool	Overall length L	80 mm
Tool material HSS E PM Thread depth 18 mm Thread type M Thread size M6 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool green Colour ring green	Shank square □	4.9 mm
Thread depth Thread type M Thread size M6 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling Up to 3×D for through holes Cutting direction Type of threading tool Colour ring Thread size M6 Maskinsnittapper till synkron bearbejdning Colour ring Type of threading tool Colour ring TiAlN B B DIN 13 B M6 DIN 13 B M6 Maskinsnittapper till synkron bearbejdning Green	Tolerance class	ISO 2X 6HX
Thread type M Thread size M6 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper til synkron bearbejdning Colour ring green	Tool material	HSS E PM
Thread size Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling Cutting direction Type of threading tool Colour ring M6 TiAIN M6 Tolain B M1 DIN 13 DIN 1835 B with h6 Up to 3×D for through holes right-hand Maskinsnittapper till synkron bearbejdning Green	Thread depth	18 mm
Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper til synkron bearbejdning Colour ring green	Thread type	M
Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper til synkron bearbejdning Colour ring green	Thread size	M6
Thread standard Taper lead form B Shank DIN 1835 B with h6 Through-coolant yes Application for type of drilling Cutting direction Type of threading tool Type of threading tool Colour ring DIN 13 B Maskinsnittapper till synkron bearbejdning Green	Coating	TiAIN
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Shank Through-coolant Application for type of drilling Cutting direction Shank tolerance Type of threading tool Colour ring DIN 1835 B with h6 yes up to 3×D for through holes right-hand h6 Maskinsnittapper till synkron bearbejdning green	Thread standard	DIN 13
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Application for type of drilling up to 3×D for through holes Cutting direction right-hand Shank tolerance h6 Type of threading tool Maskinsnittapper til synkron bearbejdning Colour ring green	Shank	DIN 1835 B with h6
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Type of threading tool Colour ring Maskinsnittapper til synkron bearbejdning green	Cutting direction	right-hand
Colour ring synkron bearbejdning green	Shank tolerance	h6
	Type of threading tool	• •
Type of product Tap	Colour ring	green
	Type of product	Тар