

Machine tap for wire thread inserts HSS-E-PM, TiCN, EG-M: EG-M4



Order data

Order number	138200 EG-M4
GTIN	4045197866912
Item class	11H

Description

Version:

Tap to **DIN 40435** (similar to DIN 371 / DIN 376).

Achieves outstanding tool life, due to high-quality substrate and TiCN coating. For wide application range of different materials.

Application:

For production of AC mounting thread to metric ISO threads **DIN 8140** for **STI** (Screw Thread Insert) wire thread inserts.

Note:

Please ensure without fail to state the correct **tapping drill Ø** (see table)!

Tool material: HSS E PM Standard: DIN 40435 Tolerance class: 6H mod. Thread pitch: 0.7 mm Overall length L: 70 mm Shank \varnothing D_s: 6 mm

Shank square \square : 4.9 mm Tapping hole \varnothing : 4.2 mm

Technical description

Number of clamping slots	3
Standard	DIN 40435
Shank square □	4.9 mm
Tolerance class	6H mod.
Number of cutting edges Z	3

Tapping hole Ø 4.2 mm Tool material HSS E PM Thread Ø 4 mm Shank Ø D₂ 6 mm Thread pitch 0.7 mm Thread depth 12 mm Thread size M4 Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Type of product Tap	Overall length L	70 mm
Thread Ø 4 mm Shank Ø D₃ 6 mm Thread pitch 0.7 mm Thread depth 12 mm Thread size M4 Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Tapping hole Ø	4.2 mm
Shank Ø D₃6 mmThread pitch0.7 mmThread depth12 mmThread sizeM4CoatingTiCNThread typeEG-MFlank angle60 degreesTaper lead formEHelix angle45 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreen	Tool material	HSS E PM
Thread pitch 0.7 mm Thread depth 12 mm Thread size M4 Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Thread Ø	4 mm
Thread depth 12 mm Thread size M4 Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Shank Ø D _s	6 mm
Thread size Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring M4 Application M5 M4 M6 M6 M6 M6 M7 M8 M8 M8 M9 M8 M9 M9 M9 M9 M9	Thread pitch	0.7 mm
Coating TiCN Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Tippe of threading tool Machine tap for dynamic machining Colour ring TiCN EG-M 45 degrees 45 degrees 45 degrees Application for type of drilling up to 3×D for blind holes right-hand Type of threading tool Golour ring Tiphe of dynamic machining	Thread depth	12 mm
Thread type EG-M Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Thread size	M4
Flank angle 60 degrees Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Coating	TiCN
Taper lead form E Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Colour ring E 45 degrees Plain shank with h9 up to 3×D for blind holes right-hand Machine tap for dynamic machining green	Thread type	EG-M
Helix angle Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring As degrees Plain shank with h9 no up to 3×D for blind holes right-hand Machine tap for dynamic machining green	Flank angle	60 degrees
Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Taper lead form	E
Through-coolant no Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Helix angle	45 degrees
Application for type of drilling up to 3×D for blind holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Shank	Plain shank with h9
Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green	Through-coolant	no
Type of threading tool Colour ring Machine tap for dynamic machining green	Application for type of drilling	up to 3×D for blind holes
Colour ring green	Cutting direction	right-hand
	Type of threading tool	Machine tap for dynamic machining
Type of product Tap	Colour ring	green
	Type of product	Тар