



## Machine tap HSS-E 6H, TiN, M× pitch: 12X1



#### Order data

Order number	132900 12X1
GTIN	4045197074324
Item class	11H

## **Description**

#### **Version:**

## Strong spiral point.

**Guide section with oil grooves,** but without chip flutes.

For use with **emulsion** (fat content minimum 8%).

### **Advantage:**

**Particularly strong, optimum self-guidance** and **no recutting** when reversed. Versatile in use, TiN coated for reduced edge build—up and higher cutting speeds.

Note:

### **NEW GENERATION AVAILABLE!**

Recommended successor product is No. 132905.

Thread type: MF Tool material: HSS E Norm: DIN 374

Tolerance class: ISO 2 6H Thread pitch: 1 mm

Overall length L<sub>tot</sub>: 100 mm

Shank Ø: 9 mm Shank square: 7 mm Tapping hole Ø: 11 mm

# **Technical description**

Number of cutting edges Z	3
Tapping hole ∅	11 mm
Number of clamping slots	3



Thread Ø 12 mm  Thread pitch 1 mm  Shank Ø 9 mm  Overall length L <sub>tot</sub> 100 mm  Shank square 7 mm  Tolerance class ISO 2 6H  Tool material HSS E  Norm DIN 374  Thread depth 36 mm  Thread type MF  Thread size 12×1  Coating TiN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Skaft Plain shank with h9  Through-coolant no  Application for type of drilling up to 3×D for through holes  Cutting direction received.	Taper lead angle	50 degrees
Shank Ø9 mmOverall length L₀t100 mmShank square7 mmTolerance classISO 2 6HTool materialHSS ENormDIN 374Thread depth36 mmThread typeMFThread size12×1CoatingTiNFlank angle60 degreesThread standardDIN 13Taper lead formBSkaftPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machining	Thread Ø	12 mm
Overall length L <sub>tot</sub> 100 mm  Shank square 7 mm  Tolerance class ISO 2 6H  Tool material HSS E  Norm DIN 374  Thread depth 36 mm  Thread type MF  Thread size 12×1  Coating TiN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Skaft Plain shank with h9  Through-coolant no  Application for type of drilling up to 3×D for through holes  Cutting direction Tight-hand  Type of threading tool Machine tap for dynamic machining	Thread pitch	1 mm
Shank square 7 mm Tolerance class ISO 2 6H Tool material HSS E Norm DIN 374 Thread depth 36 mm Thread type MF Thread size 12×1 Coating TiN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Skaft Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction Tipned Shank of Machine tap for dynamic machining	Shank Ø	9 mm
Tolerance class  Tool material  Norm  DIN 374  Thread depth  36 mm  Thread type  MF  Thread size  12×1  Coating  TiN  Flank angle  60 degrees  Thread standard  DIN 13  Taper lead form  Skaft  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Tiso  Machine tap for dynamic machining	Overall length L <sub>tot</sub>	100 mm
Tool material HSS E Norm DIN 374 Thread depth 36 mm Thread type MF Thread size 12×1 Coating TiN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Skaft Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining	Shank square	7 mm
Norm Thread depth Thread type MF Thread size Tlav1 Coating TinN Flank angle Flank angle Flored standard Tinead	Tolerance class	ISO 2 6H
Thread depth Thread type  MF Thread size  12×1  Coating  TiN Flank angle  60 degrees  Thread standard  DIN 13  Taper lead form  B  Skaft  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Type of threading tool  Machine tap for dynamic machining	Tool material	HSS E
Thread type Thread size Thread size Toating TiN  Flank angle Flank angle Thread standard Tinn  B  Skaft DIN 13  Taper lead form B  Skaft Plain shank with h9  Through-coolant no  Application for type of drilling Up to 3×D for through holes  Cutting direction Type of threading tool Machine tap for dynamic machining	Norm	DIN 374
Thread size  Coating  TiN  Flank angle  60 degrees  Thread standard  DIN 13  Taper lead form  B  Skaft  Plain shank with h9  Through-coolant  no  Application for type of drilling  Cutting direction  Type of threading tool  12×1  TiN  B  Plain shank  plain shank with h9  up to 3×D for through holes  right-hand  Machine tap for dynamic machining	Thread depth	36 mm
Coating TiN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Skaft Plain shank with h9  Through-coolant no  Application for type of drilling up to 3×D for through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining	Thread type	MF
Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Skaft Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining	Thread size	12×1
Thread standard  Taper lead form  B  Skaft  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Type of threading tool  DIN 13  B  Quantity 13  Plain shank with h9  up to 3×D for through holes  right-hand  Machine tap for dynamic machining	Coating	TiN
Taper lead form  Skaft  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Type of threading tool  B  Plain shank with h9  no  up to 3×D for through holes  right-hand  Machine tap for dynamic machining	Flank angle	60 degrees
Skaft Plain shank with h9  Through-coolant no  Application for type of drilling up to 3×D for through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining	Thread standard	DIN 13
Through-coolant no  Application for type of drilling up to 3×D for through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining	Taper lead form	В
Application for type of drilling up to 3×D for through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining	Skaft	Plain shank with h9
Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining	Through-coolant	no
Type of threading tool  Machine tap for dynamic machining	Application for type of drilling	up to 3×D for through holes
	Cutting direction	right-hand
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