

## Machine tap HSS-E-PM, TiCN, M: M6



### **Order data**

Order number	132055 M6
GTIN	4045197648709
Item class	11H

### **Description**

#### **Version:**

### Sturdy version.

#### **Recommendation:**

For **very hard steels, TOOLOX** and **HARDOX materials** we recommend **deviating from the DIN data** (see table) by drilling the tapping hole  $\varnothing$  **0.05** to **0.3 mm** larger. For use only with a length compensation chuck – even on machines with synchronised spindle drives.

Thread type: M

Tool material: HSS E PM Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm Overall length L: 80 mm Shank Ø D<sub>s</sub>: 6 mm Shank square □: 4.9 mm

Tapping hole Ø: 5 mm

# **Technical description**

Thread pitch	1 mm
Tapping hole ∅	5 mm
Thread Ø	6 mm
Number of clamping slots	3
Number of cutting edges Z	3
Standard	DIN 371
Shank Ø D <sub>s</sub>	6 mm

Shank square □ 4.9 mm  Tolerance class ISO 2X 6HX  Tool material HSS E PM  Thread depth 9 mm  Thread type M  Thread size M6  Coating TiCN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form C  Shank Plain shank with h9  Through-coolant no  Application for type of drilling up to 1.5×D for blind holes and through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining  Colour ring red  Type of product  Tap	Overall length L	80 mm
Tool material HSS E PM Thread depth 9 mm Thread type M Thread size M6 Coating TiCN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 1.5×D for blind holes and through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring red	•	4.9 mm
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Thread type M Thread size M6 Coating TiCN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 1.5×D for blind holes and through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring red	Tool material	HSS E PM
Thread size  Coating  TiCN  Flank angle  60 degrees  Thread standard  DIN 13  Taper lead form  C  Shank  Plain shank with h9  Through-coolant  no  Application for type of drilling  Cutting direction  Type of threading tool  Colour ring  M6  M6  M6  TiCN  Flank  Plain shank  U  U  U  U  U  D  To  U  U  D  To  To  To  To  To  To  To  To  To	Thread depth	9 mm
Coating TiCN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form C  Shank Plain shank with h9  Through-coolant no  Application for type of drilling up to 1.5×D for blind holes and through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining  Colour ring red	Thread type	M
Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 1.5×D for blind holes and through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring red	Thread size	M6
Thread standard  Taper lead form  C  Shank  Plain shank with h9  Through-coolant  no  Application for type of drilling  Cutting direction  Type of threading tool  Colour ring  DIN 13  DIN 13  C  Machine tap for dynamic machining  red	Coating	TiCN
Taper lead form  C Shank  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Type of threading tool  Colour ring  C Plain shank with h9  Application for type of drilling  up to 1.5×D for blind holes and through holes  right-hand  Machine tap for dynamic machining	Flank angle	60 degrees
Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Colour ring Plain shank with h9 no up to 1.5×D for blind holes and through holes right-hand Machine tap for dynamic machining red	Thread standard	DIN 13
Through-coolant no  Application for type of drilling up to 1.5×D for blind holes and through holes  Cutting direction right-hand  Type of threading tool Machine tap for dynamic machining  Colour ring red	Taper lead form	С
Application for type of drilling  up to 1.5×D for blind holes and through holes  Cutting direction  Type of threading tool  Colour ring  up to 1.5×D for blind holes  right-hand  Machine tap for dynamic machining  red	Shank	Plain shank with h9
Application for type of drilling  Holes and through holes  Cutting direction  Type of threading tool  Colour ring  Machine tap for dynamic machining  red	Through-coolant	no
Type of threading tool  Colour ring  Machine tap for dynamic machining  red	Application for type of drilling	·
Colour ring red	Cutting direction	right-hand
	Type of threading tool	Machine tap for dynamic machining
Type of product Tap	Colour ring	red
	Type of product	Тар