

# GARANT Master Tap INOX machine tap HSS-E-PM IC / Form B 6HX, TiAIN, M: M8



### **Order data**

Order number	132190 M8
GTIN	4062406080860
Item class	111

## **Description**

#### **Version:**

With internal coolant supply

High-performance tap, specially developed for **good process reliability in stainless and acid- resistant steels** and **duplex materials.** 

- · HSS-E-PM tool material for maximum wear resistance
- · The latest generation of TiALN multi-layer coating
- Parameterised flute geometry for optimum chip formation and torsional rigidity Standard:

With internal coolant supply

## **GARANT Master Tap INOX:**

powerful tap, specially developed for tapping to high process reliability in rust-resistant and acid-resistant steels and also duplex materials.

- · HSS-E-PM tool material for a high degree of wear resistance
- · The latest generation of TiALN multi-layer coating
- · Parameterised chip flute geometry for optimum chip formation and torsional stiffness

Thread type: M

Tool material: HSS E PM Standard: DIN 371

Tolerance class: ISO 2X 6HX Thread pitch: 1.25 mm Overall length L: 90 mm Shank Ø D<sub>s</sub>: 8 mm

Shank square  $\square$ : 6.2 mm Tapping hole  $\varnothing$ : 6.8 mm

## **Technical description**

Overall length L       90 mm         Shank Ø D,       8 mm         Thread type       M         Shank square □       6.2 mm         Thread Ø       8 mm         Number of cutting edges Z       3         Tapping hole Ø       6.8 mm         Thread pitch       1.25 mm         Tool material       HSS E PM         Thread depth       24 mm         Standard       DIN 371         Number of clamping slots       3         Thread size       M8         Coating       TiAIN         Flank angle       60 degrees         Thread standard       DIN 13         Taper lead form       B         Shank       Plain shank with h9         Through-coolant       yes         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         Colour ring       blue         Series       GARANT Master Tap         Type of product       Tap	Tolerance class	ISO 2X 6HX
Thread type       M         Shank square □       6.2 mm         Thread Ø       8 mm         Number of cutting edges Z       3         Tapping hole Ø       6.8 mm         Thread pitch       1.25 mm         Tool material       HSS E PM         Thread depth       24 mm         Standard       DIN 371         Number of clamping slots       3         Thread size       M8         Coating       TiAlN         Flank angle       60 degrees         Thread standard       DIN 13         Taper lead form       B         Shank       Plain shank with h9         Through-coolant       yes         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         Colour ring       blue         Series       GARANT Master Tap	Overall length L	90 mm
Shank square □ 6.2 mm  Thread Ø 8 mm  Number of cutting edges Z 3  Tapping hole Ø 6.8 mm  Thread pitch 1.25 mm  Tool material HSS E PM  Thread depth 24 mm  Standard DIN 371  Number of clamping slots 3  Thread size M8  Coating TiAIN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Shank Plain shank with h9  Through-coolant yes  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  Colour ring blue  Series GARANT Master Tap	Shank Ø D <sub>s</sub>	8 mm
Thread Ø 8 mm  Number of cutting edges Z 3 Tapping hole Ø 6.8 mm  Thread pitch 1.25 mm  Tool material HSS E PM  Thread depth 24 mm  Standard DIN 371  Number of clamping slots 3 Thread size M8  Coating TiAIN  Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Shank Plain shank with h9  Through-coolant yes  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  Colour ring blue  Series GARANT Master Tap	Thread type	M
Number of cutting edges Z       3         Tapping hole Ø       6.8 mm         Thread pitch       1.25 mm         Tool material       HSS E PM         Thread depth       24 mm         Standard       DIN 371         Number of clamping slots       3         Thread size       M8         Coating       TiAIN         Flank angle       60 degrees         Thread standard       DIN 13         Taper lead form       B         Shank       Plain shank with h9         Through-coolant       yes         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         Colour ring       blue         Series       GARANT Master Tap	Shank square □	6.2 mm
Tapping hole Ø6.8 mmThread pitch1.25 mmTool materialHSS E PMThread depth24 mmStandardDIN 371Number of clamping slots3Thread sizeM8CoatingTiAINFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringblueSeriesGARANT Master Tap	Thread Ø	8 mm
Thread pitch Tool material Tool material Thread depth Standard Standard DIN 371 Number of clamping slots Thread size M8 Coating TiAIN Flank angle Flank angle Tool material Thread standard DIN 13 Taper lead form B Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Flank angle Machine tap for dynamic machining Colour ring Series GARANT Master Tap	Number of cutting edges Z	3
Tool material Thread depth 24 mm Standard DIN 371 Number of clamping slots 3 Thread size M8 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series GARANT Master Tap	Tapping hole ∅	6.8 mm
Thread depth Standard DIN 371 Number of clamping slots Thread size M8 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Series GARANT Master Tap	Thread pitch	1.25 mm
StandardDIN 371Number of clamping slots3Thread sizeM8CoatingTiAINFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringblueSeriesGARANT Master Tap	Tool material	HSS E PM
Number of clamping slots Thread size M8 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form B Shank Plain shank with h9 Through-coolant yes Application for type of drilling Cutting direction Tiype of threading tool Machine tap for dynamic machining Colour ring Series GARANT Master Tap	Thread depth	24 mm
Thread size  Coating  TiAIN  Flank angle  60 degrees  Thread standard  DIN 13  Taper lead form  B  Shank  Plain shank with h9  Through-coolant  yes  Application for type of drilling  Cutting direction  Type of threading tool  Colour ring  Series  M8  TiAIN  Flank  Plain shank  plain shank with h9  Through-coolant  yes  up to 3×D for through holes  right-hand  Machine tap for dynamic machining  GARANT Master Tap	Standard	DIN 371
Coating Flank angle  DIN 13  Taper lead form  B Shank Plain shank with h9  Through-coolant yes Application for type of drilling Cutting direction Tippe of threading tool Machine tap for dynamic machining Colour ring Series GARANT Master Tap	Number of clamping slots	3
Flank angle 60 degrees  Thread standard DIN 13  Taper lead form B  Shank Plain shank with h9  Through-coolant yes  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  Colour ring blue  Series GARANT Master Tap	Thread size	M8
Thread standard  Taper lead form  B  Shank  Plain shank with h9  Through-coolant  Application for type of drilling  Cutting direction  Type of threading tool  Colour ring  Series  DIN 13  B  R  Machine tap for dynamic machining  blue  Series  GARANT Master Tap	Coating	TiAIN
Taper lead form B Shank Plain shank with h9 Through-coolant yes 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 Colour ring blue Series GARANT Master Tap	Flank angle	60 degrees
Shank Plain shank with h9 Through-coolant yes 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 Colour ring blue Series GARANT Master Tap	Thread standard	DIN 13
Through-coolant yes  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  Colour ring blue  Series GARANT Master Tap	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  Colour ring blue  Series GARANT Master Tap	Shank	Plain shank with h9
Cutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringblueSeriesGARANT Master Tap	Through-coolant	yes
Type of threading tool  Colour ring  blue  Series  GARANT Master Tap	Application for type of drilling	up to 3×D for through holes
Colour ring blue Series GARANT Master Tap	Cutting direction	right-hand
Series GARANT Master Tap	Type of threading tool	Machine tap for dynamic machining
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Type of product Tap	Series	GARANT Master Tap
	Type of product	Тар