# Garant

### GARANT Master Tap machine tap Form B 6GX, AlTiX, M: M8



#### Order data

Order number	132724 M8
GTIN	4045197900524
Item class	111

### Description

Version:

Tolerance class: ISO 3X/6GX

Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- HSS-E-PM tool material for a high degree of wear resistance.
- · Reduced coefficient of friction due to the new high-performance coating.
- · Special geometry for optimum swarf evacuation.

Thread type: M Tool material: HSS E PM Standard: DIN 371 Tolerance class: ISO 3X 6GX Thread pitch: 1.25 mm Overall length L: 90 mm Shank Ø D₅: 8 mm Shank square □: 6.2 mm Tapping hole Ø: 6.8 mm

#### **Technical description**

Standard	DIN 371
Number of clamping slots	3
Thread depth	24 mm
Tool material	HSS E PM
Shank Ø D <sub>s</sub>	8 mm
Shank square 🗆	6.2 mm
Thread Ø	8 mm

© Hoffmann GmbH Qualitätswerkzeuge

# Data sheet

Tapping hole Ø6.8 mmNumber of cutting edges Z3Thread pitch1.25 mmOverall length L90 mmThread typeMThread sizeM8CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantup to 3×D for through holesCutting directionmoType of threading toolMachine tap for dynamic machiningColour ringGARANT Master TapSeriesGARANT Master TapType of productTap	Tolerance class	ISO 3X 6GX
Thread pitch1.25 mmOverall length L90 mmThread typeMThread sizeM8CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Tapping hole Ø	6.8 mm
Overall length L90 mmThread typeMThread sizeM8CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolgreenColour ringGARANT Master Tap	Number of cutting edges Z	3
Thread typeMThread sizeM8CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread pitch	1.25 mm
Thread sizeM8CoatingAITiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantup to 3×D for through holesApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Overall length L	90 mm
CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantup to 3×D for through holesApplication for type of drillingup to 3×D for through holesCutting directionMachine tap for dynamic machiningType of threading toolgreenSeriesGARANT Master Tap	Thread type	М
Flank angle60 degreesThread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantNoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread size	M8
Thread standardDIN 13Taper lead formBShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Coating	Altix
Taper lead formBShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Flank angle	60 degrees
ShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread standard	DIN 13
Through-coolantnoApplication for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Taper lead form	В
Application for type of drillingup to 3×D for through holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Shank	Plain shank with h9
Cutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Through-coolant	no
Type of threading tool Machine tap for dynamic machining   Colour ring green   Series GARANT Master Tap	Application for type of drilling	up to 3×D for through holes
Colour ringgreenSeriesGARANT Master Tap	Cutting direction	right-hand
Series GARANT Master Tap	Type of threading tool	Machine tap for dynamic machining
	Colour ring	green
Type of product Tap	Series	GARANT Master Tap
	Type of product	Тар