Garant

GARANT Master Tap machine tap HSS-E-PM extra long Form C 6HX, AlTiX, M: M3

Order data

Order number	134680 M3
GTIN	4045197899811
Item class	111

Description

Version:

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.

With extra long shank. Shank to DIN 371.

Advantage:

Designed for tapping threads where access is difficult.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 0.5 mm

Overall length L: 100 mm

Shank Ø D.: 3.5 mm

Shank square \Box : 2.7 mm

Tapping hole Ø: 2.5 mm

Technical description

Number of clamping slots	3
Shank square 🗆	2.7 mm
Thread pitch	0.5 mm
Tolerance class	ISO 2X 6HX
Thread size	M3

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Number of cutting edges Z3Thread Ø3 mmThread typeMTapping hole Ø2.5 mmStandardManufacturer's standardShank Ø D,3.5 mmTool materialHSS E PMThread depth7.5 mmCoatingAITIXFlank angle600 degreesThread standardDIN 13Taper lead formCHelix angle400 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5xD for blind holesType of threading toolMachine tap for dynamic machiningColour ringGARANT Master TapType of productTap	Overall length L	100 mm
Thread typeMTapping hole Ø2.5 mmStandardManufacturer's standardShank Ø D,3.5 mmTool materialHSS E PMThread depth7.5 mmCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Number of cutting edges Z	3
Tapping hole Ø2.5 mmStandardManufacturer's standardShank Ø D,3.5 mmTool materialHSS E PMThread depth7.5 mmCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5xD for blind holesType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread Ø	3 mm
StandardManufacturer's standardShank Ø D,3.5 mmTool materialHSS E PMTool material7.5 mmCoatingAlTiXCoating60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread type	М
Shank Ø D,3.5 mmTool materialHSS E PMThread depth7.5 mmCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Tapping hole Ø	2.5 mm
Tool materialHSS E PMThread depth7.5 mmCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolgreenColour ringgreenSeriesGARANT Master Tap	Standard	Manufacturer's standard
Thread depth7.5 mmCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesType of threading toolright-handColour ringgreenSeriesGARANT Master Tap	Shank Ø D _s	3.5 mm
CoatingAITIXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantup to 2.5×D for blind holesApplication for type of drillingup to 2.5×D for blind holesCutting directionMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Tool material	HSS E PM
Flank angle60 degreesFlank angleDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread depth	7.5 mm
Thread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantNoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Coating	Altix
Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantNoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Flank angle	60 degrees
Helix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread standard	DIN 13
ShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Taper lead form	C
Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Helix angle	40 degrees
Application for type of drillingup to 2.5×D for blind 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 toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Application for type of drilling	up to 2.5×D for blind 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