Garant

GARANT Master Tap machine tap left-hand thread HSS-E-PM 6HX, AlTiX, M-LH: M5



Order data

Order number	136190 M5
GTIN	4045197900609
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.

Thread type: M-LH Tool material: HSS E PM Standard: DIN 371 Tolerance class: ISO 2X 6HX Thread pitch: 0.8 mm Overall length L: 70 mm Shank \emptyset D_s: 6 mm Shank square \Box : 4.9 mm Tapping hole \emptyset : 4.2 mm

Technical description

Standard	DIN 371
Thread pitch	0.8 mm
Tolerance class	ISO 2X 6HX
Shank square 🗆	4.9 mm
Thread Ø	5 mm
Shank Ø D₅	6 mm

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Tool materialHSS E PMNumber of clamping slots3Tapping hole Ø4.2 mmThread depth12.5 mmNumber of cutting edges Z3Thread typeM-LHThread sizeMS LHCoating60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionMachine tap for dynamic machiningColour ringGARANT Master TapType of productTap	Overall length L	70 mm
Tapping hole Ø4.2 mmTapping hole Ø4.2 mmThread depth12.5 mmNumber of cutting edges Z3Thread typeM-LHThread sizeM5 LHCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5xD for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Tool material	HSS E PM
Thread depth12.5 mmNumber of cutting edges Z3Thread typeM-LHThread sizeM5 LHCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Number of clamping slots	3
Number of cutting edges Z3Thread typeM-LHThread sizeM5 LHCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantup to 2.5xD for blind holesCutting directionleft-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Tapping hole Ø	4.2 mm
Thread typeM-LHThread sizeM5 LHCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread depth	12.5 mm
Thread sizeM5 LHCoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionleft-handType of threading toolgreenColour ringGARANT Master Tap	Number of cutting edges Z	3
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 holesType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread type	M-LH
Flank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread size	M5 LH
Thread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantNoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Coating	Altix
Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantNoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Flank angle	60 degrees
Helix angle40 degreesShankPlain shank with h9Through-coolantnoApplication for type of drillingup to 2.5×D for blind holesCutting directionIeft-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 directionleft-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 directionleft-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 directionleft-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Shank	Plain shank with h9
Cutting directionIeft-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 2.5×D for blind holes
Colour ring green Series GARANT Master Tap	Cutting direction	left-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