Garant

GARANT Master Tap machine tap HSS-E-PM, AlTiX, MF: 11X1



Order data

Order number	137160 11X1
GTIN	4062406209025
Item class	111

Description

Version:

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

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

Thread type: MF Tool material: HSS E PM Standard: DIN 374 Tolerance class: ISO 2X 6HX Thread pitch: 1 mm Overall length L: 90 mm Shank \emptyset D_s: 8 mm Shank square \Box : 6.2 mm Tapping hole \emptyset : 10 mm

Technical description

Tolerance class	ISO 2X 6HX
Thread type	MF
Tool material	HSS E PM
Thread depth	27.5 mm
Overall length L	90 mm
Shank square 🗆	6.2 mm

Number of cutting edges Z3Number of clamping slots3Thread pitch1 mmTapping hole Ø10 mmThread Ø11 mmStandard0IN 374Thread sizeM11×1Coating60 degreesThread standard0LIN 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 TapType of productTap	Shank \emptyset D _s	8 mm
Thread pitch1 mmTapping hole Ø10 mmThread Ø11 mmStandardDIN 374StandardM11×1CoatingAITiXFlank 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 toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Number of cutting edges Z	3
Tapping hole Ø10 mmThread Ø11 mmStandardDIN 374StandardM11×1CoatingAITiXFlank 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 clamping slots	3
Thread Ø11 mmStandardDIN 374StandardM11×1Thread sizeAlTiXCoating60 degreesFlank 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	Thread pitch	1 mm
StandardDIN 374StandardDIN 374Thread sizeM11×1CoatingAITiXFlank 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 directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Tapping hole Ø	10 mm
Thread sizeM11×1CoatingAlTiXFlank 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 toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Thread Ø	11 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 holesType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Standard	DIN 374
Flank 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	Thread size	M11×1
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 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 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 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 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