Garant

GARANT Master Tap machine tap HSS-E-PM IC / Form C 6HX, AlTiX, M: M20

Order data

Order number	135965 M20
GTIN	4045197899668
Item class	111

Description

Version:

With internal coolant feed.

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.
- $\cdot\,$ 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 376 Tolerance class: ISO 2X 6HX Thread pitch: 2.5 mm Overall length L: 140 mm Shank \emptyset D_s: 16 mm Shank square \Box : 12 mm Tapping hole \emptyset : 17.5 mm

Technical description

Tapping hole Ø	17.5 mm
Shank Ø D _s	16 mm
Thread Ø	20 mm
Overall length L	140 mm
Shank square 🗆	12 mm
Number of cutting edges Z	4

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Data sheet

Number of clamping slots4Tolerance classISO 2X 6HXThread depth50 mmTool materialHSS E PMThread pitch2.5 mmThread typeMThread sizeM20CoatingAlTiXFlank angle60 degreesThread standardJIN 13Taper lead formCHalix angle40 degreesShankPlain shank with P9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesType of threading toolMachine tapfordynamic machiningColour ringGARANT Master TapSpecifiesGARANT Master TapType of productTap	Standard	DIN 376
Thread depth50 mmTool materialHSS E PMThread pitch2.5 mmThread typeMThread sizeM20CoatingAITiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Number of clamping slots	4
Tool materialHSS E PMThread pitch2.5 mmThread typeMThread sizeM20CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesCutting directionMachine tap for dynamic machiningColour ringGRANT Master Tap	Tolerance class	ISO 2X 6HX
Thread pitch2.5 mmThread typeMThread sizeM20CoatingAlTiXFlank 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 depth	50 mm
Thread typeMThread sizeM20CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringgreenSeriesGARANT Master Tap	Tool material	HSS E PM
Thread sizeM20CoatingAlTiXFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesCutting directionright-handType of threading toolMachine tap for dynamic machiningColour ringGARANT Master Tap	Thread pitch	2.5 mm
CoatingAlTixFlank angle60 degreesThread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication for type of drillingup to 2.5×D for blind holesCutting directionMachine tap for dynamic machiningType of threading toolgreenSeriesGARANT Master Tap	Thread type	М
Flank angle60 degreesFlank angleDIN 13Thread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication 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	M20
Thread standardDIN 13Taper lead formCHelix angle40 degreesShankPlain shank with h9Through-coolantyesApplication 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-coolantyesApplication 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-coolantyesApplication 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-coolantyesApplication 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-coolantyesApplication 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	yes
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