

GARANT Master Tap machine tap for wire thread inserts HSS-E-PM, AlTiX, EG-M: EG-M6



Order data

Order number	133560 EG-M6
GTIN	4062406208295
Item class	111

Description

Version:

Tap to DIN 40435 (similar to DIN 371 / DIN 376).

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.

Application:

For production of EG mounting thread according to metric ISO thread **DIN 8140** for **STI wire thread inserts** (Screw Thread Insert).

Note:

Please ensure without fail the correct **tapping drill** Ø (see table)!

Tool material: HSS E PM Standard: DIN 40435 Tolerance class: 6HX mod. Thread pitch: 1 mm Overall length L: 90 mm Shank \varnothing D_s: 8 mm

Shank square \square : 6.2 mm Tapping hole \varnothing : 6.3 mm

Technical description

Thread Ø	6 mm
Shank Ø D _s	8 mm

Thread depth Overall length L Overall l	Thread size	M6
Thread pitch 1 mm Number of clamping slots 3 Shank square □ 6.2 mm Tool material HSS E PM Tapping hole Ø 6.3 mm Number of cutting edges Z 3 Standard DIN 40435 Tolerance class 6HX mod. Coating AITIX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Thread depth	18 mm
Number of clamping slots 3 Shank square □ 6.2 mm Tool material HSS E PM Tapping hole Ø 6.3 mm Number of cutting edges Z 3 Standard DIN 40435 Tolerance class 6HX mod. Coating AITIX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Overall length L	90 mm
Shank square □ 6.2 mm Tool material HSS E PM Tapping hole Ø 6.3 mm Number of cutting edges Z 3 Standard DIN 40435 Tolerance class 6HX mod. Coating AlTiX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Thread pitch	1 mm
Tool material HSS E PM Tapping hole Ø 6.3 mm Number of cutting edges Z 3 Standard DIN 40435 Tolerance class 6HX mod. Coating AlTiX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Number of clamping slots	3
Tapping hole Ø Number of cutting edges Z Standard DIN 40435 Tolerance class 6HX mod. Coating AITIX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series 6ARANT Master Tap	Shank square □	6.2 mm
Number of cutting edges Z Standard DIN 40435 Tolerance class 6HX mod. Coating AITIX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Colour ring Series 3 3 3 3 3 AITIX AITIX PEG-M FIGHA EG-M B Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes right-hand Type of threading tool Machine tap for dynamic machining GARANT Master Tap	Tool material	HSS E PM
Standard DIN 40435 Tolerance class 6HX mod. Coating AITIX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Tapping hole ∅	6.3 mm
Tolerance class Coating AlTiX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Colour ring Series 6HX mod. AlTiX AlTiX AlTiX B B Flank 60 degrees B Plain shank with h9 right hand mo Application for type of drilling Altine tap for dynamic machining GARANT Master Tap	Number of cutting edges Z	3
Coating AlTiX Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Standard	DIN 40435
Thread type EG-M Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Tolerance class	6HX mod.
Flank angle 60 degrees Taper lead form B Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Coating	AlTiX
Taper lead form Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series B Plain shank with h9 no up to 3×D for through holes right-hand Machine tap for dynamic machining green GARANT Master Tap	Thread type	EG-M
Shank Plain shank with h9 Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Flank angle	60 degrees
Through-coolant no Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Taper lead form	В
Application for type of drilling up to 3×D for through holes Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Shank	Plain shank with h9
Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring green Series GARANT Master Tap	Through-coolant	no
Type of threading tool Colour ring Series Machine tap for dynamic machining green GARANT Master Tap	Application for type of drilling	up to 3×D for through holes
Colour ring green Series GARANT 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