

GARANT Master Tap INOX machine tap HSS-E-PM, TiAIN, MF: 24X1,5



Order data

Order number	137053 24X1,5
GTIN	4062406081829
Item class	111

Description

Version:

GARANT Master Tap INOX:

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials.**

The 45° helix angle of the flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- · HSS-E-PM tool material for a high degree of wear resistance
- · The latest generation of TiALN multi-layer coating
- · Parameterised flute geometry for optimum chip formation and torsional rigidity

Thread type: MF

Tool material: HSS E PM Standard: DIN 374

Tolerance class: ISO 2X 6HX

Thread pitch: 1.5 mm Overall length L: 140 mm Shank Ø D_s: 18 mm

Shank square □: 14.5 mm Tapping hole Ø: 22.5 mm

Technical description

Overall length L	140 mm
Tolerance class	ISO 2X 6HX
Shank Ø D _s	18 mm
Standard	DIN 374

Number of cutting edges Z 5 Thread pitch 1.5 mm Number of clamping slots 5 Thread Ø 24 mm Thread type MF Shank square □ 14.5 mm Tapping hole Ø 22.5 mm Tool material HSS E PM Thread size M24×1,5 Coating TiAlN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees 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 blue Series GARANT Master Tap Type of product Tap	Thread depth	60 mm
Number of clamping slots Thread Ø 24 mm Thread type MF Shank square □ Tapping hole Ø Tool material Thread size Coating TiAlN Flank angle Thread standard Thread standard Taper lead form C Helix angle Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Tiye of threading tool Machine tap for dynamic machining Colour ring Series SAMM Pamma Series SAMM Application for type of drilling Colour ring Series GARANT Master Tap	Number of cutting edges Z	5
Thread Ø Thread type Shank square □ Tapping hole Ø Tool material Thread size Coating TiAlN Flank angle Thread standard Taper lead form Tolelix angle Shank Through-coolant Application for type of drilling Type of threading tool Colour ring Series Park MF	Thread pitch	1.5 mm
Thread type Shank square □ 14.5 mm Tapping hole Ø 22.5 mm Tool material HSS E PM Thread size M24×1,5 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees 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 blue Series GARANT Master Tap	Number of clamping slots	5
Shank square □ 14.5 mm Tapping hole Ø 22.5 mm Tool material HSS E PM Thread size M24×1,5 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees 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 blue Series GARANT Master Tap	Thread Ø	24 mm
Tapping hole Ø Tool material Thread size M24×1,5 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series Canda Application Series Canda Application Gertype of drilling Colour ring Colour for dynamic machining Blue GARANT Master Tap	Thread type	MF
Tool material HSS E PM Thread size M24×1,5 Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees 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 blue Series GARANT Master Tap	Shank square □	14.5 mm
Thread size Coating TiAIN Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Machine tap for dynamic machining Colour ring Series M24×1,5 TiAIN TiAIN Toulh 60 degrees Plain 13 C Machine tap for dynamic machining blue Series GARANT Master Tap	Tapping hole Ø	22.5 mm
Coating Flank angle Flank angl	Tool material	HSS E PM
Flank angle 60 degrees Thread standard DIN 13 Taper lead form C Helix angle 45 degrees 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 Series GARANT Master Tap	Thread size	M24×1,5
Thread standard Taper lead form C Helix angle Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series DIN 13 C Machine tap for dynamic machining blue GARANT Master Tap	Coating	TiAIN
Taper lead form C Helix angle Shank Plain shank with h9 Through-coolant no Application for type of drilling Cutting direction Type of threading tool Colour ring Series C C 45 degrees Plain shank with h9 R Plain shank with h9 Too No Application for type of drilling up to 3×D for through holes right-hand Machine tap for dynamic machining blue GARANT Master Tap	Flank angle	60 degrees
Helix angle Shank Plain shank with h9 Through-coolant Application for type of drilling Cutting direction Type of threading tool Colour ring Series 45 degrees Plain shank with h9 no up to 3×D for through holes right-hand Machine tap for dynamic machining blue GARANT Master Tap	Thread standard	DIN 13
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 blue Series GARANT Master Tap	Taper lead form	С
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 blue Series GARANT Master Tap	Helix angle	45 degrees
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 blue Series GARANT Master Tap	Shank	Plain shank with h9
Cutting direction right-hand Type of threading tool Machine tap for dynamic machining Colour ring blue Series GARANT Master Tap	Through-coolant	no
Type of threading tool Colour ring Blue GARANT Master Tap	Application for type of drilling	up to 3×D for through holes
Colour ring blue Series GARANT Master Tap	Cutting direction	right-hand
Series GARANT Master Tap	Type of threading tool	Machine tap for dynamic machining
	Colour ring	blue
Type of product Tap	Series	GARANT Master Tap
	Type of product	Тар