Garant

GARANT Master Tap INOX machine tap HSS-E-PM Form B 6HX, TiAlN, M: M6



Order data

Order number	132180 M6
GTIN	4062406080778
Item class	11l

Description

Version:
High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials.**
· **HSS-E-PM tool material for maximum wear resistance**
· **The latest generation of TiALN multi-layer coating**
· **Parameterised flute geometry for optimum chip formation and torsional rigidity**
Standard:
GARANT Master Tap INOX:
powerful tap, specially developed for **tapping to high process reliability in rust-resistant and acid-resistant steels** and also **duplex materials.**
· **HSS-E-PM tool material for a high degree of wear resistance**
· **The latest generation of TiALN multi-layer coating**
· **Parameterised chip flute geometry for optimum chip formation and torsional stiffness**
Thread type: M
Tool material: HSS E PM
Standard: DIN 371
Tolerance class: ISO 2X 6HX
Thread pitch: 1 mm
Overall length L: 80 mm
Shank ∅ D_s: 6 mm
Shank square ☐: 4.9 mm
Tapping hole ∅: 5 mm

Technical description

Number of cutting edges Z	3
Thread pitch	1 mm

Thread ∅	6 mm
Standard	DIN 371
Number of clamping slots	3
Thread type	M
Overall length L	80 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E PM
Shank square ☐	4.9 mm
Thread depth	18 mm
Shank ∅ D_s	6 mm
Tapping hole ∅	5 mm
Thread size	M6
Coating	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
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	blue
Series	GARANT Master Tap
Type of product	Tap