꙰ Hoffmann Group

Garant

GARANT Master Tap machine tap HSS-E-PM extra long Form B 6HX, AlTiX, M: M3

Order data

Order number	131770 M3
GTIN	4045197899828
Item class	11I

Description

Version:
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.**
· **Reduced coefficient of friction due to the new high-performance coating.**
· **Special geometry for optimum swarf evacuation.**
Shank to DIN 371.
Advantage:
Designed for tapping threads where access is difficult.
Thread type: M
Tool material: HSS E PM
Standard: Manufacturer's standard
Tolerance class: ISO 2X 6HX
Thread pitch: 0.5 mm
Overall length L: 100 mm
Shank Ø D_s: 3.5 mm
Shank square □: 2.7 mm
Tapping hole Ø: 2.5 mm

Technical description

Thread size	M3
Standard	Manufacturer's standard
Number of clamping slots	3
Shank Ø D_s	3.5 mm

Number of cutting edges Z	3
Thread Ø	3 mm
Tolerance class	ISO 2X 6HX
Thread pitch	0.5 mm
Overall length L	100 mm
Thread type	M
Shank square □	2.7 mm
Thread depth	9 mm
Tool material	HSS E PM
Tapping hole Ø	2.5 mm
Coating	AlTiX
Flank angle	60 °
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	green
Series	Master Tap
Type of product	Tap

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	24 m/min	N
Aluminium (short chipping)	suitable	28 m/min	N
Alu > 10% Si	suitable	16 m/min	N

Steel < 500 N/mm^2	suitable	24 m/min	P
Steel < 750 N/mm^2	suitable	24 m/min	P
Steel < 900 N/mm^2	suitable	20 m/min	P
Steel < 1100 N/mm^2	suitable	10 m/min	P
Steel < 1400 N/mm^2	suitable	6 m/min	P
INOX < 900 N/mm^2	suitable	8 m/min	M
INOX > 900 N/mm^2	suitable	6 m/min	M
GG(G)	suitable	16 m/min	K
CuZn	suitable	16 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		