Garant

GARANT Master Tap machine tap HSS-E-PM extra long Form C 6HX DIN 376, AlTiX, M: M10

Order data

Order number	136168 M10
GTIN	4062406719098
Item class	11l

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.**
With extra long shank.
All sizes with shank to DIN 376 (**= shank Ø tapered**). Therefore suitable for greater operating depths.
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: 1.5 mm
Overall length L: 200 mm
Shank Ø D_s: 7 mm
Shank square □: 5.5 mm
Tapping hole Ø: 8.5 mm

Technical description

Thread type	M
Thread depth	25 mm
Standard	Manufacturer's standard

Overall length L	200 mm
Thread ⌀	10 mm
Shank ⌀ D_s	7 mm
Thread pitch	1.5 mm
Number of clamping slots	3
Tool material	HSS E PM
Thread size	M10
Tolerance class	ISO 2X 6HX
Tapping hole ⌀	8.5 mm
Shank square ☐	5.5 mm
Number of cutting edges Z	3
Coating	AlTiX
Flank angle	60 °
Thread standard	DIN 13
Helix angle	40 °
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5×D for blind 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/mm²	suitable	24 m/min	P
Steel < 750 N/mm²	suitable	24 m/min	P
Steel < 900 N/mm²	suitable	20 m/min	P
Steel < 1100 N/mm²	suitable	10 m/min	P
Steel < 1400 N/mm²	suitable	6 m/min	P
INOX < 900 N/mm²	suitable	8 m/min	M
INOX > 900 N/mm²	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		