Garant

GARANT Master Tap machine tap HSS-E-PM extra long Form C 6HX DIN 376, AlTiX, M: M8

Order data

Order number	136168 M8
GTIN	4062406719081
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: 1.25 mm
Overall length L: 180 mm
Shank Ø D_s: 6 mm
Shank square □: 4.9 mm
Tapping hole Ø: 6.8 mm

Technical description

Tapping hole Ø	6.8 mm
Overall length L	180 mm
Standard	Manufacturer's standard

Number of clamping slots	3
Thread depth	20 mm
Thread ⌀	8 mm
Shank square ☐	4.9 mm
Thread pitch	1.25 mm
Thread type	M
Tool material	HSS E PM
Number of cutting edges Z	3
Shank ⌀ D_s	6 mm
Thread size	M8
Tolerance class	ISO 2X 6HX
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		