Garant

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

Order data

Order number	135962 M8
GTIN	4062406278632
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.**
All sizes: Shank **to DIN 376 (= shank ⌀ relieved);** thus suitable for greater operating depths.
Thread type: M
Tool material: HSS E PM
Standard: DIN 371
Tolerance class: ISO 2X 6HX
Thread pitch: 1.25 mm
Overall length L: 90 mm
Shank ⌀ D_s: 6 mm
Shank square ☐: 4.9 mm
Tapping hole ⌀: 6.8 mm

Technical description

Overall length L	90 mm
Tolerance class	ISO 2X 6HX
Thread ⌀	8 mm
Thread pitch	1.25 mm
Standard	DIN 371
Shank square ☐	4.9 mm

Thread depth	20 mm
Thread size	M8
Shank ⌀ D_s	6 mm
Number of clamping slots	3
Thread type	M
Tapping hole ⌀	6.8 mm
Number of cutting edges Z	3
Tool material	HSS E PM
Coating	AlTiX
Flank angle	60 °
Thread standard	DIN 13
Taper lead form	C
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	30 m/min	N
Aluminium (short chipping)	Suitable	35 m/min	N
Alu > 10% Si	suitable	20 m/min	N
Steel < 500 N/mm²	suitable	30 m/min	P

Steel < 750 N/mm²	suitable	30 m/min	P
Steel < 900 N/mm²	suitable	25 m/min	P
Steel < 1100 N/mm²	suitable	12 m/min	P
Steel < 1400 N/mm²	suitable	8 m/min	P
INOX < 900 N/mm²	suitable	10 m/min	M
INOX > 900 N/mm²	suitable	8 m/min	M
GG(G)	suitable	20 m/min	K
CuZn	suitable	20 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable		