

Garant

GARANT Master Tap machine tap extra long HSS-E-PM, AlTiX, MF: 8X1



Order data

Order number	132907 8X1
GTIN	4062406207915
Item class	11I

Description

Version:

GARANT Master Tap Universal taps, designed for use in a wide spectrum of materials with high process reliability.

- **HSS-E-PM tool material for maximum wear resistance.**
- **Reduced coefficient of friction due to the new high-performance coating.**
- **Special geometry for optimum swarf evacuation.**

With extra-long shank

Advantage:

Designed for tapping threads where access is difficult.

Thread type: MF

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2X 6HX

Thread pitch: 1 mm

Overall length L: 180 mm

Shank \varnothing D_s: 6 mm

Shank square □: 4.9 mm

Tapping hole \varnothing : 7 mm

Technical description

Thread \varnothing	8 mm
Tapping hole \varnothing	7 mm
Tool material	HSS E PM
Thread depth	24 mm

Shank $\varnothing D_s$	6 mm
Thread pitch	1 mm
Thread type	MF
Overall length L	180 mm
Thread size	M8x1
Number of clamping slots	3
Standard	Manufacturer's standard
Tolerance class	ISO 2X 6HX
Number of cutting edges Z	3
Shank square \square	4.9 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 3xD 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		