Garant

GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, G: G1/8

Order data

Order number	133327 G1/8
GTIN	4062406081119
Item class	11l

Description

Version:
GARANT Master Tap INOX:
Powerful tap, specially developed for **tapping to high process reliability in stainless and acid-resistant steels** and also **duplex materials.**
· **HSS-E-PM tool material for maximum wear resistance**
· **The latest generation of TiAlN multi-layer coating**
· **Parameterised flute geometry for optimum chip formation and torsional rigidity**
Advantage:
Particularly strong, optimum self-guidance and **no recutting** when reversed.
Application:
For Whitworth parallel pipe threads DIN-ISO 228/1 (threads that do not form a seal within the connection).
Tool material: HSS E PM
Threads per inch: 28
Thread ∅: 9.73 mm
Overall length L: 90 mm
Shank ∅ D_s: 7 mm
Shank square □: 5.5 mm
Tapping hole ∅: 8.8 mm

Technical description

Tapping hole ∅	8.8 mm
Number of clamping slots	3
Thread depth	29.19 mm

Number of cutting edges Z	3
Shank square ☐	5.5 mm
Shank ⌀ D_s	7 mm
Thread ⌀	9.73 mm
Thread pitch	0.907 mm
Overall length L	90 mm
Tool material	HSS E PM
Threads per inch	28
Thread size	G1/8
Series	Master Tap
Coating	TiAlN
Thread type	G
Flank angle	55 °
Standard	DIN 5156
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	blue
Type of product	Tap

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	28 m/min	N
Steel < 750 N/mm²	suitable only under restricted conditions	23 m/min	P

Steel < 900 N/mm²	suitable only under restricted conditions	23 m/min	P
Steel < 1100 N/mm²	suitable	12 m/min	P
INOX < 900 N/mm²	suitable	11 m/min	M
INOX > 900 N/mm²	suitable	9 m/min	M
Oil	suitable		
wet maximum	suitable		