Garant

GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNF: 5-44

Order data

Order number	133406 5-44
GTIN	4062406209650
Item class	11l

Description

Version:
High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **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.**
Application:
For UNF uniform fine threads ASME – B1.1.
Thread type: UNF
Tool material: HSS E PM
Standard: DIN 371
Threads per inch: 44
Thread ∅: 3.17 mm
Overall length L: 56 mm
Shank ∅ D_s: 3.5 mm
Shank square ☐: 2.7 mm
Tapping hole ∅: 2.7 mm

Technical description

Thread ∅	3.17 mm
Shank square ☐	2.7 mm
Number of cutting edges Z	3
Shank ∅ D_s	3.5 mm
Number of clamping slots	3

Overall length L	56 mm
Standard	DIN 371
Thread pitch	0.577 mm
Threads per inch	44
Thread depth	7.95 mm
Tapping hole ∅	2.7 mm
Tool material	HSS E PM
Thread size	5-44 UNF
Thread type	UNF
Series	GARANT Master Tap
Coating	TiAlN
Flank angle	60 degrees
Tolerance class	2BX
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