Garant

GARANT Master Form Steel fluteless machine tap with oil grooves HSS-E-PM, TiAlN, MF: 14X1,5



Order data

Order number	139280 14X1,5
GTIN	4062406383893
Item class	11l

Description

Version:
GARANT Master Form Steel:
The latest generation of **high-performance fluteless taps** are specially developed for **use in steels.**
· **Optimised polygon geometry for a reduced torque.**
· **Multi-layer HIPIMS coating for high wear resistance.**
· **HSS-E-PM substrate for top process reliability.**
DIN 2174 (≈ DIN 371 ≤ M10; DIN 376≥ M12).
Tolerance class: ISO 2X 6HX
Thread pitch: 1.5 mm
Overall length L: 100 mm
Shank ⌀ D_s: 11 mm
Shank square ☐: 9 mm
Tapping hole ⌀ guide value: 13.3 mm

Technical description

Number of cutting edges Z	8
Thread pitch	1.5 mm
Series	GARANT Master Steel
Shank ⌀ D_s	11 mm
Overall length L	100 mm

Shank square ☐	9 mm
Thread ⌀	14 mm
Tolerance class	ISO 2X 6HX
Number of clamping slots	8
Thread size	M14×1.5
Thread depth	42 mm
Tapping hole ⌀ guide value	13.3 mm
Coating	TiAlN
Thread type	MF
Flank angle	60 degrees
Tool material	HSS E PM
Standard	DIN 2174
Thread standard	DIN 13
Taper lead form	C
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind holes and through holes
Cutting direction	right-hand
Colour ring	without
Type of product	Fluteless tap