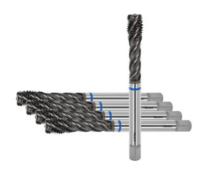
Garant

GARANT Master Tap INOX machine tap HSS-E-PM Form C 6HX, TiAIN, M: M12



Order data

Order number	GG1300 M12		
GTIN	4069515044844		
Item class	GGN		

Description

Version:

High-performance tap, specially developed for **good process reliability in stainless and acid- resistant steels** and **duplex materials.**

The 45° helix angle of the flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- · 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 rigidity Same as No. 135732.

Technical description

Shank square □	7 mm
Contents	5"
Standard	DIN 376
Tapping hole Ø	10.2 mm
Number of cutting edges Z	4
Thread pitch	1.75 mm

Data sheet

Thread type	M		
Overall length L	110 mm		
Number of clamping slots	4		
Tolerance class	ISO 2X 6HX		
Thread depth	30 mm		
Shank Ø D _s	9 mm		
Thread size	M12		
Tool material	HSS E PM		
Thread Ø	12 mm		
Coating	TiAIN		
Flank angle	60 degrees		
Thread standard	DIN 13		
Taper lead form	С		
Helix angle	45 degrees		
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	blue		
Series	Master Tap		
Type of product	Taps		

User data

	Suitability	\mathbf{V}_{c}	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	28 m/min	N
Steel < 750 N/mm ²	suitable only under restricted conditions	23 m/min	Р

Data sheet

Steel < 900 N/mm²	suitable only under restricted conditions	23 m/min	Р
Steel < 1100 N/mm ²	suitable	12 m/min	Р
INOX < 900 N/mm ²	suitable	11 m/min	М
INOX > 900 N/mm ²	suitable	9 m/min	M
Oil	suitable		
wet maximum Suitable products	suitable		

Suitable products

No Shop URL available for: GG1300 M12