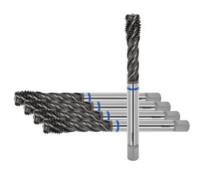
# Garant

## **GARANT Master Tap INOX machine tap HSS-E-PM Form C 6HX, TiAIN, M: M6**



#### **Order data**

Order number	GG1300 M6		
GTIN	4069515044813		
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**

Tool material	HSS E PM	
Thread pitch	1 mm	
Contents	5"	
Shank Ø D <sub>s</sub>	6 mm	
Number of clamping slots	3	
Tapping hole ∅	5 mm	

# Data sheet

Number of cutting edges Z	3		
Thread Ø	6 mm		
Thread depth	15 mm		
Standard	DIN 371		
Thread type	M		
Shank square □	4.9 mm		
Tolerance class	ISO 2X 6HX		
Overall length L	80 mm		
Thread size	M6		
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/mm²	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 <sup>2</sup>	suitable	12 m/min	Р
INOX < 900 N/mm <sup>2</sup>	suitable	11 m/min	М
INOX > 900 N/mm <sup>2</sup>	suitable	9 m/min	М
Oil	suitable		
wet maximum Suitable products	suitable		

Suitable products

No Shop URL available for: GG1300 M6