

Garant**GARANT Master Tap INOX machine tap HSS-E-PM Form C 6HX, TiAlN, 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 _s	6 mm
Number of clamping slots	3
Tapping hole Ø	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	TiAlN
Flank angle	60 degrees
Thread standard	DIN 13
Taper lead form	C
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	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	P

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

Suitable products

No Shop URL available for: GG1300 M6