

Garant
Machine tap 6G, vaporised, M: M5

Order data

Order number	135600 M5
GTIN	4045197077080
Item class	11H

Description
Version:
Tolerance class ISO 3 / 6G = with oversize approx. 0.02 – 0.04 mm. **HSS-E**
Application:

For components which are **galvanised** after threading or shrink slightly when hardened.

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 3 6G

Thread pitch: 0.8 mm

Overall length L: 70 mm

Shank $\varnothing D_s$: 6 mm

Shank square \square : 4.9 mm

Tapping hole \varnothing : 4.2 mm

Technical description

Tapping hole \varnothing	4.2 mm
Thread pitch	0.8 mm
Number of clamping slots	3
Number of cutting edges Z	3
Thread \varnothing	5 mm
Standard	DIN 371
Shank $\varnothing D_s$	6 mm
Overall length L	70 mm

Shank square <input type="checkbox"/>	4.9 mm
Tolerance class	ISO 3 6G
Tool material	HSS E
Thread depth	10 mm
Thread type	M
Thread size	M5
Coating	vaporised
Flank angle	60°
Thread standard	DIN 13
Taper lead form	C
Helix angle	40°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M

CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		