

Garant**Machine taps extra long HSS-E-PM Form C, vaporised, M: M5****Order data**

Order number	134670 M5
GTIN	4045197301659
Item class	11H

Description**Version:****With extra long shank.****All sizes: Shank to DIN 376 (= shank Ø relieved).****Form C** (2–3 turns lead chamfer).**Advantage:**

Designed for tapping threads where access is difficult.

Thread type: M

Tool material: HSS E PM

Standard: Manufacturer's standard

Tolerance class: ISO 2 6H

Thread pitch: 0.8 mm

Overall length L: 125 mm

Shank Ø D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 4.2 mm

Technical description

Thread Ø	5 mm
Thread pitch	0.8 mm
Number of cutting edges Z	3
Tapping hole Ø	4.2 mm
Number of clamping slots	3
Standard	Manufacturer's standard
Shank Ø D _s	3.5 mm

Overall length L	125 mm
Shank square □	2.7 mm
Tolerance class	ISO 2 6H
Tool material	HSS E PM
Thread depth	15 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 3×D for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	green
Type of product	Tap

User data

	Suitability	V _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	15 m/min	N
Steel < 500 N/mm ²	suitable	18 m/min	P
Steel < 750 N/mm ²	suitable	18 m/min	P
Steel < 900 N/mm ²	suitable	18 m/min	P
Steel < 1100 N/mm ²	suitable only under restricted conditions	9 m/min	P
INOX < 900 N/mm ²	suitable	8 m/min	M

CuZn	suitable only under restricted conditions	16 m/min	N
Uni	suitable		
Oil	suitable		
wet maximum	suitable only under restricted conditions		