

Garant
Machine tap Form D, vaporised, M: M4

Order data

Order number	132155 M4
GTIN	4045197446039
Item class	11H

Description
Version:

Particularly sturdy design.

Taper lead form D with 15° left-hand spiral.

Callout:

Oil groove

Guide thread

Lead-in

Spiral point

Advantage:

Special geometry enables **higher cutting speeds and long tool life in stainless steel.**

Thread type: M

Tool material: HSS E

Standard: DIN 371

Tolerance class: ISO 2X 6HX

Thread pitch: 0.7 mm

Overall length L: 63 mm

Shank \varnothing D_s: 4.5 mm

Shank square □: 3.4 mm

Tapping hole \varnothing : 3.3 mm

Technical description

Thread pitch	0.7 mm
Number of clamping slots	3
Tapping hole \varnothing	3.3 mm
Number of cutting edges Z	3

Thread Ø	4 mm
Standard	DIN 371
Shank Ø D _s	4.5 mm
Overall length L	63 mm
Shank square □	3.4 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	12 mm
Thread type	M
Thread size	M4
Coating	vaporised
Flank angle	60°
Thread standard	DIN 13
Taper lead form	D
Helix angle	15°
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for through 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	15 m/min	P
Steel < 750 N/mm ²	suitable	15 m/min	P

Steel < 900 N/mm ²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm ²	suitable	13 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		