

Garant**Machine tap Form D, vaporised, M: M3****Order data**

Order number	132155 M3
GTIN	4045197446022
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: 0.5 mm

Overall length L: 56 mm

Shank \varnothing D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole \varnothing : 2.5 mm

Technical description

Thread \varnothing	3 mm
Tapping hole \varnothing	2.5 mm
Number of clamping slots	3
Number of cutting edges Z	3

Thread pitch	0.5 mm
Standard	DIN 371
Shank $\varnothing D_s$	3.5 mm
Overall length L	56 mm
Shank square \square	2.7 mm
Tolerance class	ISO 2X 6HX
Tool material	HSS E
Thread depth	9 mm
Thread type	M
Thread size	M3
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		