

**Garant****Machine tap HSS-E, vaporised, G: G3/8****Order data**

Order number	133325 G3/8
GTIN	4045197301543
Item class	11H

**Description****Version:**

**Strong spiral point.** Guide part with oil grooves.

**Advantage:**

**Particularly strong, optimum self-guidance** and **no recutting** when reversed.

**Application:**

**For Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).

Tool material: HSS E

Threads per inch: 19

Thread Ø: 16.66 mm

Overall length L: 100 mm

Shank Ø D<sub>s</sub>: 12 mm

Shank square □: 9 mm

Tapping hole Ø: 15.25 mm

**Technical description**

Tapping hole Ø	15.25 mm
Number of cutting edges Z	3
Thread pitch	1.337 mm
Thread Ø	16.66 mm
Threads per inch	19
Number of clamping slots	3
Tool material	HSS E

Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Shank square $\square$	9 mm
Thread depth	49.98 mm
Thread size	G3/8
Coating	vaporised
Thread type	G
Flank angle	55°
Standard	DIN 5156
Taper lead form	B
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 <sup>2</sup>	suitable	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	15 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		

wet maximum

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