

**Garant**
**Machine tap HSS-E, vaporised, G: G1/2**

**Order data**

Order number	133325 G1/2
GTIN	4045197301567
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: 14

Thread Ø: 20.96 mm

Overall length L: 125 mm

Shank Ø D<sub>s</sub>: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 19 mm

**Technical description**

Thread pitch	1.814 mm
Thread Ø	20.96 mm
Tapping hole Ø	19 mm
Number of cutting edges Z	3
Number of clamping slots	3
Threads per inch	14

Tool material	HSS E
Shank $\varnothing D_s$	16 mm
Overall length L	125 mm
Shank square $\square$	12 mm
Thread depth	62.88 mm
Thread size	G1/2
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	suitable only under restricted conditions