

**Garant**
**Machine tap, uncoated, G: G1/2**

**Order data**

Order number	133300 G1/2
GTIN	4045197074539
Item class	11H

**Description**
**Version:**
**With spiral point.**
**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  $\varnothing$ : 20.96 mm

Overall length L: 125 mm

 Shank  $\varnothing$  D<sub>s</sub>: 16 mm

 Shank square  $\square$ : 12 mm

 Tapping hole  $\varnothing$ : 19 mm

**Technical description**

Tapping hole $\varnothing$	19 mm
Number of clamping slots	3
Thread pitch	1.814 mm
Thread $\varnothing$	20.96 mm
Number of cutting edges Z	3
Threads per inch	14
Tool material	HSS E
Shank $\varnothing$ D <sub>s</sub>	16 mm

Overall length L	125 mm
Shank square □	12 mm
Thread depth	62.88 mm
Thread size	G1/2
Coating	uncoated
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 conventional machining
Colour ring	without
Type of product	Tap

## User data

	Suitability	V <sub>c</sub>	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
Oil	suitable		
wet maximum	suitable only under restricted conditions		