

Garant
Machine tap, vaporised, G: G1/4

Order data

Order number	137350 G1/4
GTIN	4045197079855
Item class	11H

Description
Version:

Surface vaporised for reduced edge build-up. **HSS-E**

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 \varnothing : 13.16 mm

Overall length L: 100 mm

Shank \varnothing D_s: 11 mm

Shank square □: 9 mm

Tapping hole \varnothing : 11.8 mm

Technical description

Number of clamping slots	3
Threads per inch	19
Thread pitch	1.337 mm
Tapping hole \varnothing	11.8 mm
Number of cutting edges Z	3
Thread \varnothing	13.16 mm
Tool material	HSS E
Shank \varnothing D _s	11 mm

Overall length L	100 mm
Shank square □	9 mm
Thread depth	39.48 mm
Thread size	G1/4
Coating	vaporised
Thread type	G
Flank angle	55 °
Standard	DIN 5156
Taper lead form	C
Helix angle	40 °
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 3×D for blind 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 _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	15 m/min	P
CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		

wet maximum

suitable only under
restricted conditions