

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

Order data

Order number	137450 G1/2
GTIN	4045197079978
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: 14

Thread Ø: 20.96 mm

Overall length L: 125 mm

Shank Ø D_s: 16 mm

Shank square □: 12 mm

Tapping hole Ø: 19 mm

Technical description

Threads per inch	14
Number of clamping slots	4
Thread Ø	20.96 mm
Tapping hole Ø	19 mm
Thread pitch	1.814 mm
Number of cutting edges Z	4
Tool material	HSS E
Shank Ø D _s	16 mm

Overall length L	125 mm
Shank square □	12 mm
Thread depth	41.92 mm
Thread size	G1/2
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 2×D for blind 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 only under restricted conditions	15 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm ²	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm ²	suitable	6 m/min	M

CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		
wet maximum	suitable only under restricted conditions		