

Garant
Machine tap HSS-E Form C, vaporised, G: G3/8

Order data

Order number	137450 G3/8
GTIN	4045197079961
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 : 16.66 mm

Overall length L: 100 mm

Shank \varnothing D_s: 12 mm

Shank square □: 9 mm

Tapping hole \varnothing : 15.25 mm

Technical description

Tapping hole \varnothing	15.25 mm
Number of clamping slots	3
Thread \varnothing	16.66 mm
Number of cutting edges Z	3
Threads per inch	19
Thread pitch	1.337 mm
Tool material	HSS E
Shank \varnothing D _s	12 mm

Overall length L	100 mm
Shank square □	9 mm
Thread depth	33.32 mm
Thread size	G3/8
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		