

Garant**Machine tap HSS-E Form C, vaporised, G: G1****Order data**

Order number	137450 G1
GTIN	4045197079992
Item class	11H

Description**Version:**Surface vaporised for reduced edge build-up. **HSS****Application:****For Whitworth parallel pipe threads** DIN-ISO 228/1 (threads that do not form a seal within the connection).**Technical description**

Number of cutting edges Z	4
Threads per inch	11
Number of clamping slots	4
Thread \varnothing	33.25 mm
Thread pitch	2.309 mm
Tapping hole \varnothing	30.75 mm
Tool material	HSS
Shank $\varnothing D_s$	25 mm
Overall length L	160 mm
Shank square \square	20 mm
Thread depth	66.5 mm
Thread size	G1

Coating	vaporised
Thread type	G
Flank angle	55 degrees
Standard	DIN 5156
Taper lead form	C
Helix angle	40 degrees
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		

