

Garant**Machine tap, vaporised, G: G1.1/2****Order data**

Order number	137350 G1.1/2
GTIN	4045197079923
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**

Thread \varnothing	47.8 mm
Number of cutting edges Z	6
Threads per inch	11
Thread pitch	2.309 mm
Tapping hole \varnothing	45.25 mm
Number of clamping slots	6
Tool material	HSS
Shank $\varnothing D_s$	36 mm
Overall length L	190 mm
Shank square \square	29 mm
Thread depth	143.4 mm
Thread size	G1.1/2

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 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		