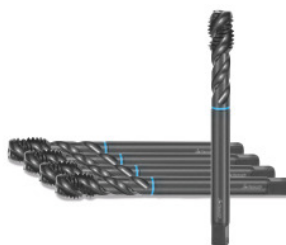


Garant**Machine tap, vaporised, M: M12****Order data**

Order number	GG5451 M12
GTIN	4067263135333
Item class	GGN

Description**Version:****Same as No. 135450.**Particularly sturdy design. **HSS-E****Technical description**

Thread depth	24 mm
Number of clamping slots	3
Shank square <input type="checkbox"/>	7 mm
Tool material	HSS E
Number of cutting edges Z	3
Thread pitch	1.75 mm
Overall length L	110 mm
Tolerance class	ISO 2 6H
Thread type	M
Thread size	M12
Shank $\varnothing D_s$	9 mm

Tapping hole Ø	10.2 mm
Standard	DIN 376
Thread Ø	12 mm
Coating	vaporised
Flank angle	60 degrees
Thread standard	DIN 13
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	Taps

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

Accessories

Machine tap M M12

135450 M12

Machine tap6G M M12

135600 M12