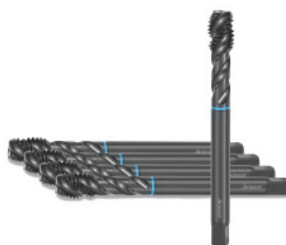


**Garant****Machine tap, vaporised, M: M10****Order data**

Order number	GG5451 M10
GTIN	4067263135326
Item class	GGN

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

Number of cutting edges Z	3
Tapping hole $\varnothing$	8.5 mm
Shank square $\square$	8 mm
Thread depth	20 mm
Thread $\varnothing$	10 mm
Shank $\varnothing D_s$	10 mm
Thread pitch	1.5 mm
Thread type	M
Overall length L	100 mm
Tolerance class	ISO 2 6H
Standard	DIN 371

Number of clamping slots	3
Tool material	HSS E
Thread size	M10
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 <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	13 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	15 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	6 m/min	M
CuZn	suitable only under restricted conditions	13 m/min	N
Oil	suitable		

wet maximum

suitable only under  
restricted conditions

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**Accessories**

Machine tap M M10

135450 M10

Machine tap6G M M10

135600 M10