Garant

Machine reamer H7, TiN, Nominal Ø DC: 12mm



Order data

Order number	163500 12		
GTIN	4045197251435		
Item class	110		

Description

Version:

With long flutes and left-hand helix. Even number of teeth with irregular spacing.

Application:

For reaming through holes, as the swarf is evacuated in the direction of cutting.

Technical description

Nominal Ø D_c	12 mm		
Shank tolerance	h9		
Overhang L ₁	106 mm		
Feed f in steel < 750 N/mm ²	0.23 mm/rev.		
Shank Ø D _s	10 mm		
Overall length L	151 mm		
Flute length L _c	44 mm		
Number of cutting edges Z	6		
Tolerance	H7		
Reaming oversize in diameter	0.1 - 0.2 mm		
Coating	TiN		
Tool material	HSS E		
Standard	DIN 212 B		

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Through-coolant	no		
Shank	Plain shank with h9		
Application for type of drilling	for through holes		
Colour ring	without		
Type of product	Phillips bit		

User data

	Suitability	V _c	ISO code
Steel < 500 N/mm ²	suitable	15 m/min	Р
Steel < 750 N/mm ²	suitable	10 m/min	Р
Steel < 900 N/mm ²	suitable	9 m/min	Р
Steel < 1100 N/mm²	suitable	7 m/min	Р
Steel < 1400 N/mm²	suitable only under restricted conditions	5 m/min	Р
Ti > 850 N/mm²	suitable only under restricted conditions	7 m/min	S
GG(G)	suitable only under restricted conditions	7 m/min	К
CuZn	suitable only under restricted conditions	18 m/min	Ν
Oil	suitable		
wet maximum	suitable		