

Garant

Solid carbide router cutter with drill point, dragging cut medium, uncoated, Ø h10 DC: 12mm



Order data

Order number	209435 12
GTIN	4045197477811
Item class	11X

Description

Version:

High performance diamond-pattern cut and **135° drill tip** for efficient machining of fibre-reinforced composites. For slot cutting in the roughing range.

Right-hand helix, **dragging cut** for standard applications.

Size 5M, 6M, 8M: Extra long version.

Technical description

Cutting edge Ø D _c	12 mm
Feed f for side milling in POM GF25	0.38 mm/rev.
No. of teeth Z	2
Feed f for side milling in PEEK CF30	0.24 mm/rev.
Shank Ø D _s	12 mm
Flute length L _c	32 mm
Overall length L	83 mm
Coating	uncoated
Toothing grit designation	medium
Tool material	Solid carbide
Standard	Manufacturer's standard
Milling profile	staggered teeth

Type	W
Tolerance nominal \varnothing	h10
Direction of infeed	horizontal, oblique and vertical
Point angle	135 degrees
Cutting width a_e for milling operation	0.5×D for side milling
Shank	DIN 6535 HA with h6
Through-coolant	no
Colour ring	yellow
Shank tolerance	h6
Type of product	Router

User data

	Suitability	V_c	ISO code
PVDF GF20	suitable	120 m/min	N
POM GF25	suitable	120 m/min	N
PA 66 GF30	suitable	100 m/min	N
PEEK GF30	suitable	100 m/min	N
PTFE CF25	suitable	120 m/min	N
PEEK CF30	suitable	110 m/min	N
GRP	suitable only under restricted conditions	120 m/min	N
CRP	suitable only under restricted conditions	120 m/min	N
wet maximum	suitable		
dry	suitable		
Air	suitable		

Services

Shank grinding Type HB	129100 HB
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