

**Garant**
**Solid carbide router cutter dragging cut medium, uncoated, Ø h10 DC: 6mm**

**Order data**

Order number	209415 6
GTIN	4045197477460
Item class	11X

**Description**
**Version:**

**High performance diamond-pattern teeth** 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**

No. of teeth Z	2
Cutting edge Ø D <sub>c</sub>	6 mm
Feed f for side milling in PEEK CF30	0.12 mm/rev.
Feed f for side milling in POM GF25	0.18 mm/rev.
Shank Ø D <sub>s</sub>	6 mm
Flute length L <sub>c</sub>	19 mm
Overall length L	60 mm
Corner chamfer angle	90 degrees
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
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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