

**Garant**
**Solid carbide router cutter compacting cut coarse, uncoated, Ø h10 DC: 4mm**

**Order data**

Order number	209420 4
GTIN	4045197477699
Item class	11X

**Description**
**Version:**

**High performance diamond-pattern teeth** for efficient machining of fibre-reinforced composites. For slot cutting in the roughing range.

**Compacting cut**, the material is pushed down on to the substrate. Highly suitable for thin materials.

**Technical description**

Feed f for side milling in PEEK CF30	0.07 mm/rev.
Feed f for side milling in POM GF25	0.1 mm/rev.
No. of teeth Z	2
Cutting edge Ø D <sub>c</sub>	4 mm
Shank Ø D <sub>s</sub>	4 mm
Flute length L <sub>c</sub>	16 mm
Overall length L	50 mm
Corner chamfer angle	90 degrees
Coating	uncoated
Toothing grit designation	coarse
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		