

Garant

Solid carbide router cutter compacting cut medium, uncoated, Ø h10 DC: 6mm



Order data

Order number	209425 6
GTIN	4045197477675
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 POM GF25	0.18 mm/rev.
Feed f for side milling in PEEK CF30	0.12 mm/rev.
Cutting edge Ø D _c	6 mm
No. of teeth Z	3
Shank Ø D _s	6 mm
Flute length L _c	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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