

Garant
Solid carbide router cutter dragging cut medium, uncoated, Ø h10 DC: 12mm

Order data

Order number	209460 12
GTIN	4045197510396
Item class	11X

Description
Version:

High performance diamond-pattern teeth for efficient machining of fibre-reinforced composites. For slot cutting in the roughing range. The cutters have a **precise radius contour in the radius area**. This enables outstanding results when copy milling.

Technical description

Feed f for side milling in POM GF25	0.38 mm/rev.
Cutting edge Ø D _c	12 mm
No. of teeth Z	6
Feed f for side milling in PEEK CF30	0.24 mm/rev.
Shank Ø D _s	12 mm
Flute length L _c	38 mm
Overall length L	83 mm
Corner rounding r _v	6 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
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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