

Garant
Solid carbide milling cutter, Diamond, Ø h10 DC: 8mm

Order data

Order number	209517 8
GTIN	4045197468314
Item class	11Y

Description
Version:

Twisted and curved cutting edges, which enable **burr-free milling** of both the upper and lower edges of fibre-reinforced composites.

Delamination is prevented because the cutter performs a cut which is simultaneously dragging and compacting. The cutter must be positioned centrally to the cross section of the material.

Technical description

Feed f_z for side milling in GRP CRP	0.07 mm
No. of teeth Z	6
Cutting section dragging L_A	14 mm
Cutting edge $\varnothing D_c$	8 mm
Shank $\varnothing D_s$	8 mm
Overall length L	85 mm
Flute length L_c	28 mm
Direction of infeed	horizontal and oblique
Shank	DIN 6535 HA with h6
Tolerance nominal \varnothing	h10
Corner chamfer angle	90 degrees
Coating	Diamond
Tool material	Solid carbide

Standard	Manufacturer's standard
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Colour ring	black
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
PVDF GF20	suitable	200 m/min	N
POM GF25	suitable	190 m/min	N
PA 66 GF30	suitable	170 m/min	N
PEEK GF30	suitable	150 m/min	N
PTFE CF25	suitable	180 m/min	N
PEEK CF30	suitable	160 m/min	N
Hybrids	suitable		
Honeycomb sandwich	suitable	350 m/min	N
GRP	suitable	190 m/min	N
GRP, CRP	suitable	190 m/min	N
Graphite	suitable	340 m/min	N
wet maximum	Suitable		
dry	suitable		
Air	suitable		

Services

Shank grinding Type HB	129100 HB
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