

Garant
Solid carbide milling cutter, Diamond, Ø f8 DC: 12 mm

Order data

Order number	209713 12
GTIN	4045197512536
Item class	11Y

Description
Version:

With the latest generation of **crystalline diamond coating sp³**, for process reliability in machining **fibre-reinforced composites, CRP, GRP, and graphite.**

Dynamic cutter geometry.

Through-coolant: no

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 4

Flute length L_c: 26 mm

Overhang length L₁ incl. recess: 36 mm

Recess Ø D₁: 11.7 mm

Overall length L: 83 mm

Shank Ø D_s: 12 mm

Technical description

No. of teeth Z	4
Recess Ø D ₁	11.7 mm
Cutting edge Ø D _c	12 mm
Feed f _z for slot milling in GRP CRP	0.06 mm
Feed f _z for slot milling in graphite	0.06 mm

Overhang length L_1 incl. recess	36 mm
Corner chamfer width at 45°	0.3 mm
Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	26 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal \varnothing	f8
Balance quality with shank	G 2.5 with HA
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Colour ring	black
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB