

Garant
Solid carbide milling cutter, Diamond, Ø f8 DC: 16 mm

Order data

Order number	209713 16
GTIN	4045197512543
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: 32 mm

Overhang length L₁ incl. recess: 42 mm

Recess Ø D₁: 15.5 mm

Overall length L: 92 mm

Shank Ø D_s: 16 mm

Technical description

Corner chamfer width at 45°	0.3 mm
Feed f _z for slot milling in GRP CRP	0.07 mm
Recess Ø D ₁	15.5 mm
Feed f _z for slot milling in graphite	0.07 mm
Cutting edge Ø D _c	16 mm

No. of teeth Z	4
Overhang length L ₁ incl. recess	42 mm
Shank Ø D _s	16 mm
Overall length L	92 mm
Flute length L _c	32 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal Ø	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 1×D
Through-coolant	no
Colour ring	black
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB