

Garant
Solid carbide milling cutter, Diamond, Ø f8 DC: 6 mm

Order data

Order number	209713 6
GTIN	4045197512505
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: 13 mm

Overhang length L₁ incl. recess: 19 mm

Recess Ø D₁: 5.9 mm

Overall length L: 57 mm

Shank Ø D_s: 6 mm

Technical description

Recess Ø D ₁	5.9 mm
Overhang length L ₁ incl. recess	19 mm
Cutting edge Ø D _c	6 mm
Corner chamfer width at 45°	0.1 mm
No. of teeth Z	4

Feed f_z for slot milling in graphite	0.04 mm
Feed f_z for slot milling in GRP CRP	0.04 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length L_c	13 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 $1 \times D$
Through-coolant	no
Colour ring	black
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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