

Garant
Solid carbide milling cutter, Diamond, Ø f8 DC: 10 mm

Order data

Order number	209713 10
GTIN	4045197512529
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: 22 mm

Overhang length L₁ incl. recess: 30 mm

Recess Ø D₁: 9.7 mm

Overall length L: 72 mm

Shank Ø D_s: 10 mm

Technical description

Feed f _z for slot milling in GRP CRP	0.06 mm
Cutting edge Ø D _c	10 mm
Corner chamfer width at 45°	0.2 mm
Recess Ø D ₁	9.7 mm
Overhang length L ₁ incl. recess	30 mm

No. of teeth Z	4
Feed f_z for slot milling in graphite	0.06 mm
Shank $\varnothing D_s$	10 mm
Overall length L	72 mm
Flute length L_c	22 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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