

Garant
Solid carbide ball nose slot drill, Diamond, Ø e8 DC: 12 mm

Order data

Order number	209785 12
GTIN	4045197476173
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**. Taper transition **with 1°30' (angle α)**.

Tolerance: Radius contour = **±0.01 mm**.

No. of teeth Z: 2

Helix angle: 30 degrees

No. of teeth Z: 2

Flute length L_c: 11 mm

Overhang length L₁ incl. recess: 50 mm

Recess Ø D₁: 11.8 mm

Overall length L: 200 mm

Shank Ø D_s: 16 mm

Technical description

Recess Ø D ₁	11.8 mm
Ø D ₂	14.5 mm
L ₂	100 mm
No. of teeth Z	2
Feed f _z for copy milling in graphite	0.105 mm
Cutting edge Ø D _c	12 mm
Overhang length L ₁ incl. recess	50 mm
Shank Ø D _s	16 mm

Overall length L	200 mm
Flute length L _c	11 mm
Helix angle	30 degrees
Radius R	6 mm
Coating	Diamond
Tool material	Solid carbide
Standard	Manufacturer's standard
Tolerance nominal Ø	e8
Direction of infeed	horizontal, oblique and vertical
Cutting width a _e for milling operation	0.05×D for copy milling
Shank	DIN 6535 HA with h6
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 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB