

**Garant**
**Solid carbide slot drill Left-hand flutes, uncoated, Ø h10 DC: 12 mm**

**Order data**

Order number	209305 12
GTIN	4045197859501
Item class	11X

**Description**
**Version:**

Left-hand flutes, right-hand cutting.

**Large flutes for unobstructed swarf evacuation.**

Special geometry **for machining plastic.**

**Application:**

Especially for milling **plastics, plunging** and **contour milling.**

**Note:**

**Successor product to No. 209315.**

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 1

Helix angle: 23 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h5

No. of teeth Z: 1

Flute length  $L_c$ : 30 mm

Overhang length  $L_1$  incl. recess: 38 mm

Recess Ø  $D_1$ : 11.8 mm

Overall length L: 83 mm

Shank Ø  $D_s$ : 12 mm

**Technical description**

No. of teeth Z	1
Overhang length $L_1$ incl. recess	38 mm
Flute length $L_c$	30 mm

Shank	DIN 6535 HA to h5
Feed $f_z$ for slot milling in PMMA	0.05 mm
Overall length L	83 mm
Cutting edge $\varnothing D_c$	12 mm
Shank $\varnothing D_s$	12 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	11.8 mm
Tolerance nominal $\varnothing$	h10
Helix angle	23 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	W
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 12 mm	SZ2025 12
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