

## Garant

### Solid carbide slot drill Left-hand flutes, uncoated, Ø e8 DC: 16 mm



#### Order data

Order number	209322 16
GTIN	4045197507266
Item class	11X

#### Description

##### Version:

Special geometry for machining aluminium and plastics.

Left-hand flutes, right-hand cutting.

##### Application:

Extremely sharp cutting edges, **especially for machining plastics.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 20 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA with h6

No. of teeth Z: 3

Flute length  $L_c$ : 36 mm

Overhang length  $L_1$  incl. recess: 44 mm

Recess Ø  $D_1$ : 15.8 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 16 mm

#### Technical description

Overhang length $L_1$ incl. recess	44 mm
Feed $f_z$ for side milling in PMMA	0.09 mm
Feed $f_z$ for slot milling in PMMA	0.065 mm
Recess Ø $D_1$	15.8 mm
Cutting edge Ø $D_c$	16 mm

No. of teeth Z	3
Shank $\varnothing D_s$	16 mm
Overall length L	92 mm
Flute length $L_c$	36 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal $\varnothing$	e8
Helix angle	20 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	0.5xD for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Colour ring	yellow
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB