

## Garant

### Solid carbide slot drill, uncoated, Ø e8 DC: 20 mm



## Order data

Order number	209320 20
GTIN	4045197479976
Item class	11X

## Description

### Version:

Special geometry for machining aluminium and plastics.

### 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  $L_c$ : 41 mm

Overhang length  $L_1$  incl. recess: 54 mm

Recess Ø  $D_1$ : 19.8 mm

Overall length L: 104 mm

Shank Ø  $D_s$ : 20 mm

## Technical description

Feed $f_z$ for slot milling in PMMA	0.085 mm
Cutting edge Ø $D_c$	20 mm
Recess Ø $D_1$	19.8 mm
Feed $f_z$ for side milling in PMMA	0.12 mm
No. of teeth Z	3
Overhang length $L_1$ incl. recess	54 mm

Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length $L_c$	41 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 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB