

**Garant**
**Solid carbide roughing slot drill, DLC, Ø d11 DC: 16 mm**

**Order data**

Order number	205331 16
GTIN	4045197767240
Item class	11X

**Description**
**Version:**
**Dimensions similar to DIN 6527.**
**Knuckle form profile.**
**Special profile for machining non-ferrous metals.**

 With the latest generation of **DLC coating sp<sup>2</sup>**.

Through-coolant: no

Tolerance nominal Ø: d11

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

 Flute length L<sub>c</sub>: 32 mm

 Overhang length L<sub>1</sub> incl. recess: 44 mm

 Recess Ø D<sub>1</sub>: 15.8 mm

Overall length L: 92 mm

 Shank Ø D<sub>s</sub>: 16 mm

**Technical description**

Corner chamfer width at 45°	0.85 mm
No. of teeth Z	3
Overhang length L <sub>1</sub> incl. recess	44 mm
Shank Ø D <sub>s</sub>	16 mm
Recess Ø D <sub>1</sub>	15.8 mm

Cutting edge $\varnothing D_c$	16 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.11 mm
Shank	DIN 6535 HA to h6
Feed $f_z$ for slot milling in short-chipping aluminium	0.09 mm
Tolerance nominal $\varnothing$	d11
Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	32 mm
Overall length $L$	92 mm
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	DLC
Tool material	solid carbide
Standard	Manufacturer's standard
Milling profile	WR
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 clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB