

## Garant

### Solid carbide roughing slot drill with internal coolant supply, DLC, Ø d11 DC: 10 mm



#### Order data

Order number	205336 10
GTIN	4045197767288
Item class	11X

#### Description

##### Version:

**Dimensions similar to DIN 6527.**

**Knuckle form profile.**

**Special profile for machining non-ferrous metals.**

**With through-coolant.**

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

Through-coolant: yes

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>: 22 mm

Overhang length L<sub>1</sub> incl. recess: 32 mm

Recess Ø D<sub>1</sub>: 9.8 mm

Overall length L: 72 mm

Shank Ø D<sub>s</sub>: 10 mm

#### Technical description

Feed f <sub>z</sub> for side milling in short-chipping aluminium	0.09 mm
Tolerance nominal Ø	d11
Feed f <sub>z</sub> for slot milling in short-chipping aluminium	0.07 mm

Shank $\varnothing D_s$	10 mm
Shank	DIN 6535 HA to h6
Overall length L	72 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.55 mm
Direction of infeed	horizontal, oblique and vertical
Flute length $L_c$	22 mm
Overhang length $L_1$ incl. recess	32 mm
Recess $\varnothing D_1$	9.8 mm
Cutting edge $\varnothing D_c$	10 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	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
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
Shank grinding Type HB	129100 HB