

Garant

Solid carbide roughing slot drill with internal coolant supply, DLC, Ø d11 DC: 20 mm



Order data

Order number	205336 20
GTIN	4045197767318
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 sp²**.

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_c: 38 mm

Overhang length L₁ incl. recess: 54 mm

Recess Ø D₁: 19.8 mm

Overall length L: 104 mm

Shank Ø D_s: 20 mm

Technical description

Cutting edge Ø D _c	20 mm
Feed f _z for slot milling in short-chipping aluminium	0.12 mm
Direction of infeed	horizontal, oblique and vertical

Corner chamfer width at 45°	1.05 mm
Overall length L	104 mm
Recess $\varnothing D_1$	19.8 mm
Overhang length L_1 incl. recess	54 mm
Tolerance nominal \varnothing	d11
Shank	DIN 6535 HA to h6
Flute length L_c	38 mm
Shank $\varnothing D_s$	20 mm
Feed f_z for side milling in short-chipping aluminium	0.14 mm
No. of teeth Z	3
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 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB