

Garant
Solid carbide roughing slot drill, DLC, Ø d11 DC: 12 mm

Order data

Order number	205331 12
GTIN	4045197767233
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 sp²**.

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_c: 26 mm

 Overhang length L₁ incl. recess: 38 mm

 Recess Ø D₁: 11.8 mm

Overall length L: 83 mm

 Shank Ø D_s: 12 mm

Technical description

Recess Ø D ₁	11.8 mm
Feed f _z for side milling in short-chipping aluminium	0.09 mm
Overall length L	83 mm
Cutting edge Ø D _c	12 mm
Tolerance nominal Ø	d11

Flute length L_c	26 mm
Overhang length L_1 incl. recess	38 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	12 mm
Feed f_z for slot milling in short-chipping aluminium	0.07 mm
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.65 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	$0.5 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
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 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB