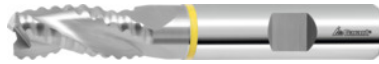


**Garant**
**Solid carbide roughing slot drill, uncoated, Ø d11 DC: 12 mm**

**Order data**

Order number	205330 12
GTIN	4045197644015
Item class	11X

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

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 HB to h6

No. of teeth Z: 3

 Flute length  $L_c$ : 26 mm

 Overhang length  $L_1$  incl. recess: 38 mm

 Recess Ø  $D_1$ : 11.8 mm

Overall length L: 83 mm

 Shank Ø  $D_s$ : 12 mm

**Technical description**

No. of teeth Z	3
Feed $f_z$ for side milling in short-chipping aluminium	0.09 mm
Corner chamfer width at 45°	0.65 mm
Cutting edge Ø $D_c$	12 mm
Recess Ø $D_1$	11.8 mm
Overhang length $L_1$ incl. recess	38 mm

Feed $f_z$ for slot milling in short-chipping aluminium	0.07 mm
Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length $L_c$	26 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	d11
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	uncoated
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	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 12 mm	SZ2025 12