

**Garant**
**Solid carbide roughing slot drill, uncoated, Ø d11 DC: 4 mm**

**Order data**

Order number	205330 4
GTIN	4045197878809
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  $L_c$ : 11 mm

 Overhang length  $L_1$  incl. recess: 20 mm

 Recess Ø  $D_1$ : 3.8 mm

Overall length L: 57 mm

 Shank Ø  $D_s$ : 6 mm

**Technical description**

Shank	DIN 6535 HB to h6
Recess Ø $D_1$	3.8 mm
Feed $f_z$ for side milling in short-chipping aluminium	0.045 mm
Flute length $L_c$	11 mm
Overall length L	57 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.035 mm

Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Cutting edge $\varnothing D_c$	4 mm
Shank $\varnothing D_s$	6 mm
Corner chamfer width at 45°	0.35 mm
Tolerance nominal $\varnothing$	d11
Overhang length $L_1$ incl. recess	20 mm
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