

**Garant**

**Solid carbide roughing slot drill with internal coolant supply, uncoated, Ø d11 DC: 12 mm**


**Order data**

|              |               |
|--------------|---------------|
| Order number | 205335 12     |
| GTIN         | 4045197645814 |
| Item class   | 11X           |

**Description**
**Version:**

**Dimensions similar to DIN 6527.**

**Knuckle form profile.**

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

**With through-coolant.**

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 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**

|   |         |
|---|---------|
| Feed $f_z$ for side milling in short-chipping aluminium | 0.09 mm |
| Recess Ø $D_1$  | 11.8 mm |
| Cutting edge Ø $D_c$                                    | 12 mm   |
| Overhang length $L_1$ incl. recess                      | 38 mm   |

|   |                                  |
|---|----------------------------------|
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.07 mm                          |
| Corner chamfer width at 45°                             | 0.65 mm                          |
| No. of teeth Z  | 3                                |
| 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   | yes                              |
| 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   |