

## Garant

### Solid carbide slot drill, DLC, Ø h10 DC: 12 mm



#### Order data

|              |               |
|--------------|---------------|
| Order number | 201045 12     |
| GTIN         | 4045197706430 |
| Item class   | 11X           |

#### Description

##### Version:

**Large flutes for unobstructed swarf evacuation.**

Special geometry **for machining aluminium.**

With the latest generation of **DLC coating sp<sup>2</sup>.**

##### Application:

Especially for milling **aluminium, plunging** and **contour milling.**

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 1

Helix angle: 26 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 1

Flute length L<sub>c</sub>: 30 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 12 mm

Feed f<sub>z</sub> for slot milling in short-chipping aluminium: 0.05 mm

#### Technical description

|  |         |
|--|---------|
| No. of teeth Z   | 1       |
| Cutting edge Ø D <sub>c</sub>                                    | 12 mm   |
| Feed f <sub>z</sub> for slot milling in short-chipping aluminium | 0.05 mm |
| Shank Ø D <sub>s</sub>   | 12 mm   |

|  |                                  |
|--|----------------------------------|
| Overall length L                                   | 80 mm                            |
| Flute length L <sub>c</sub>                        | 30 mm                            |
| Direction of infeed                                | horizontal, oblique and vertical |
| Shank  | DIN 6535 HA to h6                |
| Tolerance nominal Ø                                | h10                              |
| Helix angle  | 26 degrees                       |
| Corner chamfer angle                               | 90 degrees                       |
| Coating  | DLC                              |
| Tool material                                      | Solid carbide                    |
| Standard   | Manufacturer's standard          |
| Type   | W                                |
| Cutting width a <sub>e</sub> for milling operation | Full slot cutting depth 1×D      |
| Through-coolant                                    | no                               |
| Colour ring  | yellow                           |
| Type of product                                    | End mill                         |

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 12 mm

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