

**Garant**
**Solid carbide milling cutter, uncoated, Ø h10 DC: 12 mm**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 201043 12     |
| GTIN         | 4045197746207 |
| Item class   | 11X           |

**Description**
**Version:**

**Large flutes for unobstructed swarf evacuation.**

Special geometry **for machining aluminium.**

**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  $L_c$ : 45 mm

Overall length L: 120 mm

Shank Ø  $D_s$ : 12 mm

Feed  $f_z$  for slot milling in short-chipping aluminium: 0.05 mm

**Technical description**

|                      |                   |
|----------------------|-------------------|
| Tolerance nominal Ø  | h10               |
| Overall length L     | 120 mm            |
| No. of teeth Z       | 1                 |
| Shank                | DIN 6535 HA to h6 |
| Shank Ø $D_s$        | 12 mm             |
| Cutting edge Ø $D_c$ | 12 mm             |

|   |                                      |
|---|--------------------------------------|
| Direction of infeed                                     | horizontal, oblique and vertical     |
| Flute length $L_c$                                      | 45 mm                                |
| Feed $f_z$ for slot milling in short-chipping aluminium | 0.05 mm                              |
| Helix angle   | 26 degrees                           |
| Corner chamfer angle                                    | 90 degrees                           |
| Coating   | uncoated                             |
| Tool material   | solid carbide                        |
| Standard  | Manufacturer's standard              |
| Type  | W                                    |
| 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

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