

**Garant**

**Solid carbide milling cutter Composite, dragging cut, uncoated, Ø h10 DC: 16 mm**



## Order data

|              |               |
|--------------|---------------|
| Order number | 209540 16     |
| GTIN         | 4062406362553 |
| Item class   | 100           |

## Description

### Version:

**Tool cutting edge has been specifically developed further** for optimum machining of composite materials.  
Length similar to **DIN 6527 long**.

Right-hand helix, **dragging cut** for standard applications.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 8

Helix angle: 8 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 8

Flute length  $L_c$ : 32 mm

Overhang length  $L_1$  incl. recess: 42 mm

Recess Ø  $D_1$ : 15.5 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 16 mm

## Technical description

|                                        |          |
|----------------------------------------|----------|
| Feed $f_z$ for slot milling in GRP CRP | 0.042 mm |
| Overall length L                       | 92 mm    |
| Corner chamfer width at 45°            | 0.32 mm  |
| Shank Ø $D_s$                          | 16 mm    |

|                                           |                                      |
|-------------------------------------------|--------------------------------------|
| Direction of infeed                       | horizontal, oblique and vertical     |
| Flute length $L_c$                        | 32 mm                                |
| Overhang length $L_1$ incl. recess        | 42 mm                                |
| Cutting edge $\varnothing D_c$            | 16 mm                                |
| Recess $\varnothing D_1$                  | 15.5 mm                              |
| Tolerance nominal $\varnothing$           | h10                                  |
| Corner chamfer angle                      | 45 degrees                           |
| Helix angle                               | 8 degrees                            |
| No. of teeth Z                            | 8                                    |
| Shank                                     | DIN 6535 HA to h6                    |
| Coating                                   | uncoated                             |
| Tool material                             | Solid carbide                        |
| Standard                                  | DIN 6527                             |
| Cutting width $a_e$ for milling operation | Full slot cutting depth $1 \times D$ |
| Through-coolant                           | no                                   |
| Type of product                           | End mill                             |