

**Garant**
**Solid carbide milling cutter Composite, compacting cut, uncoated, Ø h10 DC: 8 mm**

**Order data**

Order number	209542 8
GTIN	4062406366162
Item class	100

**Description**
**Version:**

**Tool cutting edge has been specifically developed further** for optimal machining of composite materials.

Overall length similar to **DIN 6527 long**.

Left-hand helix, **compacting cut**. The material is pushed down on to the substrate. Highly suitable for thin materials.

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  $L_c$ : 19 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess Ø  $D_1$ : 7.8 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

**Technical description**

Overhang length $L_1$ incl. recess	25 mm
Helix angle	8 degrees
Overall length L	63 mm

No. of teeth Z	8
Feed $f_z$ for slot milling in GRP CRP	0.031 mm
Flute length $L_c$	19 mm
Shank $\varnothing D_s$	8 mm
Cutting edge $\varnothing D_c$	8 mm
Recess $\varnothing D_1$	7.8 mm
Corner chamfer width at 45°	0.16 mm
Shank	DIN 6535 HA to h6
Corner chamfer angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal $\varnothing$	h10
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Type of product	End mill