

## Garant

### Solid carbide milling cutter Composite, compacting cut, uncoated, Ø h10 DC: 16mm



#### Order data

Order number	209542 16
GTIN	4062406366209
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.

#### Technical description

Corner chamfer angle	45 degrees
Flute length $L_c$	32 mm
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	8
Recess $\varnothing D_1$	15.5 mm
Corner chamfer width at 45°	0.32 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	16 mm
Cutting edge $\varnothing D_c$	16 mm
Helix angle	8 degrees
Overall length L	92 mm

Tolerance nominal $\varnothing$	h10
Overhang length $L_1$ incl. recess	42 mm
Feed $f_z$ for slot milling in GRP CRP	0.042 mm
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
Colour ring	black
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
PVDF GF20	suitable	80 m/min	N
POM GF25	suitable	80 m/min	N
PA 66 GF30	suitable	80 m/min	N
PEEK GF30	suitable	80 m/min	N
PTFE CF25	suitable	80 m/min	N
PEEK CF30	suitable	80 m/min	N
Hybrids	suitable		
Honeycomb sandwich	suitable	165 m/min	N
CRP	suitable	120 m/min	N
GRP, CRP	suitable	120 m/min	N
Graphite	suitable	180 m/min	N
wet maximum	suitable		
dry	suitable		
Air	suitable		

