

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

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.

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 $1 \times D$
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		

