

Garant
Solid carbide milling cutter Composite, dragging cut, Diamond, Ø h10 DC: 6Mmm

Order data

Order number	209546 6M
GTIN	4062406362300
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**.

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

Technical description

Helix angle	8 degrees
Cutting edge Ø D _c	6 mm
Corner chamfer width at 45°	0.12 mm
Tolerance nominal Ø	h10
Overall length L	65 mm
Overhang length L ₁ incl. recess	27 mm
No. of teeth Z	8
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Corner chamfer angle	45 degrees
Shank Ø D _s	6 mm
Recess Ø D ₁	5.8 mm

Flute length L_c	21 mm
Feed f_z for slot milling in GRP CRP	0.026 mm
Coating	Diamond
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	100 m/min	N
POM GF25	suitable	100 m/min	N
PA 66 GF30	suitable	100 m/min	N
PEEK GF30	suitable	100 m/min	N
PTFE CF25	suitable	100 m/min	N
PEEK CF30	suitable	100 m/min	N
Hybrids	suitable		
Honeycomb sandwich	suitable	195 m/min	N
CRP	suitable	145 m/min	N
GRP, CRP	suitable	145 m/min	N
Graphite	suitable	200 m/min	N
wet maximum	suitable		
dry	suitable		
Air	suitable		