

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

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.

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 Ø D_c	16 mm
Recess Ø D_1	15.5 mm
Tolerance nominal Ø	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
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		