

Garant

Solid carbide milling cutter Composite, dragging cut, Diamond, Ø h10 DC: 12mm



Order data

Order number	209546 12
GTIN	4062406362348
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

Flute length L_c	26 mm
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for slot milling in GRP CRP	0.038 mm
Overhang length L_1 incl. recess	36 mm
Overall length L	83 mm
Shank	DIN 6535 HA to h6
Corner chamfer angle	45 degrees
Helix angle	8 degrees
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.24 mm
Shank $\varnothing D_s$	12 mm
Tolerance nominal \varnothing	h10

Recess $\varnothing D_1$	11.6 mm
No. of teeth Z	8
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		