Garant

Solid carbide milling cutter compacting cut, Diamond, ∅ h10 DC: 12mm

Order data

Order number	209535 12
GTIN	4045197478399
Item class	10Y

Description

Version:
High performance geometry with multiple teeth for extremely high material removal rates in a single pass.
Left-hand helix, **compacting cut.** The material is pushed down on to the substrate. Highly suitable for thin materials.

Technical description

Corner chamfer width at 45°	0.2 mm
Feed f_z for slot milling in graphite	0.06 mm
No. of teeth Z	8
Cutting edge ∅ D_C	12 mm
Feed f_z for slot milling in GRP CRP	0.06 mm
Shank ∅ D_s	12 mm
Overall length L	83 mm
Flute length L_c	32 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA with h6
Tolerance nominal ∅	h10
Corner chamfer angle	45 degrees
Coating	Diamond

Tool material	Solid carbide
Standard	Manufacturer's standard
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	black
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
PVDF GF20	suitable	200 m/min	N
POM GF25	suitable	190 m/min	N
PA 66 GF30	suitable	170 m/min	N
PEEK GF30	suitable	150 m/min	N
PTFE CF25	suitable	180 m/min	N
PEEK CF30	suitable	160 m/min	N
Hybrids	suitable		
Honeycomb sandwich	suitable	350 m/min	N
GRP	suitable	190 m/min	N
GRP, CRP	suitable	190 m/min	N
Graphite	suitable	340 m/min	N
wet maximum	Suitable		
dry	Suitable		
Air	suitable		

Services

Shank grinding Type HB	129100 HB