

Garant
Solid carbide milling cutter, DLC, Ø DC: 20Mmm

Order data

Order number	202515 20M
GTIN	4045197693112
Item class	11X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN 6527.

With the latest generation of **DLC coating sp²**.

Technical description

Feed f_z for side milling in short-chipping aluminium	0.15 mm
Feed f_z for slot milling in short-chipping aluminium	0.085 mm
Cutting edge Ø D_c	20 mm
No. of teeth Z	4
Shank Ø D_s	20 mm
Overall length L	126 mm
Flute length L_c	60 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	e8
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	DLC

Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width a_e for milling operation	0.25×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium	suitable	480 m/min	N
Aluminium (short chipping)	suitable	440 m/min	N
Alu > 10% Si	suitable	400 m/min	N
PMMA acrylic	Suitable	200 m/min	N
PE-HD	Suitable	160 m/min	N
PA 66	Suitable	200 m/min	N
PEEK	Suitable	150 m/min	N
PF 31	Suitable	130 m/min	N
PVDF GF20	suitable	180 m/min	N
POM GF25	Suitable	160 m/min	N
PA 66 GF30	suitable	150 m/min	N
PEEK GF30	suitable	130 m/min	N
PTFE CF25	suitable	160 m/min	N
Honeycomb sandwich	suitable	300 m/min	N
Cu	Suitable	160 m/min	N
CuZn	Suitable	200 m/min	N
wet maximum	suitable		

wet minimum	suitable
dry	suitable only under restricted conditions
Air	suitable
Services	
Shank grinding Type HB	129100 HB