


Solid carbide milling cutter, TiAlN, Ø DC: 20mm

Order data

Order number	202545 20
GTIN	4045197117380
Item class	12X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Eccentric relief ground.

Technical description

Feed f_z for slot milling in short-chipping aluminium	0.085 mm
Cutting edge Ø D_c	20 mm
Feed f_z for side milling in short-chipping aluminium	0.15 mm
No. of teeth Z	4
Shank Ø D_s	20 mm
Overall length L	104 mm
Flute length L_c	41 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	TiAlN

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	300 m/min	N
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable	200 m/min	N
PMMA acrylic	Suitable	180 m/min	N
PE-HD	Suitable	130 m/min	N
PA 66	Suitable	150 m/min	N
PEEK	Suitable	130 m/min	N
PF 31	Suitable	110 m/min	N
Honeycomb sandwich	Suitable	180 m/min	N
Cu	Suitable	120 m/min	N
CuZn	Suitable	150 m/min	N
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

Services

Shank grinding Type HB

129100 HB