


Solid carbide milling cutter, TiAlN, Ø DC: 6mm

Order data

Order number	202545 6
GTIN	4045197117335
Item class	12X

Description
Version:
Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Eccentric relief ground.

Technical description

Feed f_z for side milling in short-chipping aluminium	0.04 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	6 mm
Feed f_z for slot milling in short-chipping aluminium	0.025 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length L_c	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	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