


Solid carbide milling cutter, TiAlN, Ø DC: 5mm

Order data

Order number	203612 5
GTIN	4045197963789
Item class	12X

Description
Version:

High stability and **extremely smooth cutting action due to at least 6 teeth**. Eccentric relief ground. **For profile milling as a finishing operation.**

Technical description

Shank Ø D _s	6 mm
Tolerance nominal Ø	h10
Shank	DIN 6535 HA to h6
Overall length L	70 mm
No. of teeth Z	6
Flute length L _c	20 mm
Cutting edge Ø D _c	5 mm
Helix angle	45 degrees
Corner chamfer width at 45°	0.1 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.032 mm
Direction of infeed	horizontal
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide

Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	600 m/min	N
Alu > 10% Si	suitable only under restricted conditions	400 m/min	N
Steel < 500 N/mm ²	suitable	190 m/min	P
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	160 m/min	P
Steel < 1100 N/mm ²	suitable	95 m/min	P
INOX < 900 N/mm ²	suitable	90 m/min	M
GG(G)	suitable	120 m/min	K
Uni	suitable only under restricted conditions		
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
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