


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

Order data

Order number	203612 6
GTIN	4045197963796
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	DIN 6535 HA to h6
Direction of infeed	horizontal
Flute length L_c	24 mm
Cutting edge $\varnothing D_c$	6 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.054 mm
Helix angle	45 degrees
Tolerance nominal \varnothing	h10
No. of teeth Z	6
Corner chamfer width at 45°	0.1 mm
Shank $\varnothing D_s$	6 mm
Overall length L	70 mm
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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