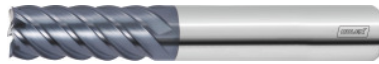




## Solid carbide milling cutter, TiAlN, Ø DC: 8mm



### Order data

Order number	203618 8
GTIN	4045197958808
Item class	12X

### Description

#### Version:

For **finishing operations**. Special geometry for optimum chip evacuation. For **profile milling as a finishing operation**. Very sturdy version with strengthened core.

### Technical description

Flute length $L_c$	19 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.063 mm
Direction of infeed	horizontal
Shank $\varnothing D_s$	8 mm
Tolerance nominal $\varnothing$	h10
Helix angle	45 degrees
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	8 mm
Overall length L	63 mm
No. of teeth Z	6
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard

Type	N
Cutting width $a_e$ for milling operation	0.1×D for side milling
Through-coolant	no
Colour ring	without
Type of product	End / face mill

### User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 55 HRC	suitable	70 m/min	H
Steel < 60 HRC	suitable	60 m/min	H
wet maximum	suitable		
wet minimum	Suitable only under restricted conditions		
dry	Suitable		
Air	Suitable		

### Services

Shank grinding Type HB	129100 HB
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