



## HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 5mm



### Order data

Order number	203623 5
GTIN	4062406252014
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

Corner chamfer width at 45°	0.05 mm
Direction of infeed	horizontal
Shank Ø D <sub>s</sub>	6 mm
Helix angle	45 degrees
Tolerance nominal Ø	0 / -0.03
Shank	DIN 6535 HA to h6
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.032 mm
Flute length L <sub>c</sub>	17 mm
Cutting edge Ø D <sub>c</sub>	5 mm
No. of teeth Z	6
Overall length L	62 mm
Corner chamfer angle	45 degrees
Series	Pro Steel
Coating	TiAlN

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	$0.1 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
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
INOX < 900 N/mm <sup>2</sup>	Suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	Suitable only under restricted conditions	70 m/min	M
Uni	Suitable		
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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