



## HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 16mm



### Order data

Order number	203624 16
GTIN	4062406252144
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

Shank	DIN 6535 HA to h6
Helix angle	45 degrees
No. of teeth Z	6
Direction of infeed	horizontal
Flute length $L_c$	64 mm
Overall length L	123 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.089 mm
Cutting edge $\varnothing D_c$	16 mm
Corner chamfer width at 45°	0.16 mm
Tolerance nominal $\varnothing$	0 / -0.03
Shank $\varnothing D_s$	16 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	$0.05 \times D$ 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	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	110 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	90 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 55 HRC	suitable	60 m/min	H
INOX < 900 N/mm <sup>2</sup>	Suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	Suitable only under restricted conditions	60 m/min	M
Uni	Suitable		
wet maximum	suitable		
wet minimum	Suitable only under restricted conditions		
dry	Suitable		
Air	Suitable		