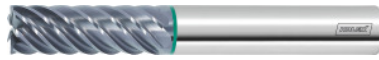




## HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 20mm



### Order data

Order number	203623 20
GTIN	4062406252083
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

Overall length L	126 mm
Direction of infeed	horizontal
Tolerance nominal Ø	0 / -0.03
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.107 mm
Shank Ø $D_s$	20 mm
Cutting edge Ø $D_c$	20 mm
No. of teeth Z	6
Corner chamfer width at 45°	0.2 mm
Shank	DIN 6535 HA to h6
Flute length $L_c$	60 mm
Helix angle	45 degrees
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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