


HOLEX Pro Steel solid carbide finishing cutter HPC, TiAlN, Ø DC: 6mm

Order data

Order number	203623 6
GTIN	4062406252021
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.

Machining strategy: HPC

Tolerance nominal \varnothing : 0 / -0.03

No. of teeth Z: 6

Helix angle: 45 °

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length L_c : 18 mm

Overall length L: 62 mm

Shank $\varnothing D_s$: 6 mm

Corner chamfer width at 45°: 0.06 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.054 mm

Technical description

Helix angle	45 °
Corner chamfer width at 45°	0.06 mm
Overall length L	62 mm
Direction of infeed	horizontal
Tolerance nominal \varnothing	0 / -0.03
Feed f_z for side milling in steel < 900 N/mm ²	0.054 mm

Shank $\varnothing D_s$	6 mm
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	6 mm
Flute length L_c	18 mm
No. of teeth Z	6
Corner chamfer angle	45 °
Series	Pro Steel
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
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	160 m/min	P
Steel < 750 N/mm ²	suitable	140 m/min	P
Steel < 900 N/mm ²	suitable	120 m/min	P
Steel < 1100 N/mm ²	suitable	110 m/min	P
Steel < 1400 N/mm ²	suitable	100 m/min	P
Steel < 55 HRC	suitable	70 m/min	H
INOX < 900 N/mm ²	Suitable	90 m/min	M
INOX > 900 N/mm ²	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