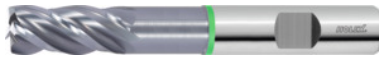




## HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 5 mm



### Order data

Order number	203056 5
GTIN	4045197713094
Item class	12X

### Description

#### Version:

For **roughing and finishing**.

Up to  $0.7 \times D$  into solid material **at very high feed rates** with smooth cutting action.

#### Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal  $\varnothing$ : 0 / -0.03

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess  $\varnothing D_1$ : 4.8 mm

Overall length L: 62 mm

Shank  $\varnothing D_s$ : 6 mm

### Technical description

Cutting edge $\varnothing D_c$	5 mm
Corner chamfer width at $45^\circ$	0.2 mm
No. of teeth Z	4
Recess $\varnothing D_1$	4.8 mm
Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.03 mm
Overhang length $L_1$ incl. recess	25 mm

Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.04 mm
Shank $\varnothing D_s$	6 mm
Overall length L	62 mm
Flute length $L_c$	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	0 / -0.03
Helix angle	38 degrees
Corner chamfer angle	45 degrees
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.25×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill