



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



Order data

Order number	203058 5
GTIN	4045197946256
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, generous chip spaces.

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 : 18 mm

Overhang length L_1 incl. recess: 24 mm

Recess $\varnothing D_1$: 4.8 mm

Overall length L: 62 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Overall length L	62 mm
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.2 mm
Shank $\varnothing D_s$	6 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.04 mm
Flute length L_c	18 mm

Feed f_z for slot milling in steel < 900 N/mm ²	0.03 mm
Overhang length L_1 incl. recess	24 mm
Cutting edge $\varnothing D_c$	5 mm
Recess $\varnothing D_1$	4.8 mm
Tolerance nominal \varnothing	0 / -0.03
Helix angle	38 degrees
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Corner chamfer angle	45 degrees
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
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