



## HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 6 mm



### Order data

Order number	202416 6
GTIN	4045197776372
Item class	12X

### Description

#### Version:

For **roughing and finishing**.

Up to 0.7×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 Ø: 0 / -0.03

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 25 mm

Recess Ø  $D_1$ : 5.5 mm

Overall length L: 62 mm

Shank Ø  $D_s$ : 6 mm

### Technical description

Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal Ø	0 / -0.03
Overall length L	62 mm
Corner chamfer width at 45°	0.2 mm
Overhang length $L_1$ incl. recess	25 mm

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.03 mm
Shank $\varnothing D_s$	6 mm
No. of teeth Z	3
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.05 mm
Flute length $L_c$	13 mm
Cutting edge $\varnothing D_c$	6 mm
Recess $\varnothing D_1$	5.5 mm
Helix angle	45 degrees
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	0.3×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