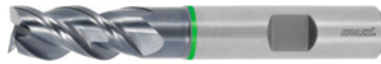



**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 4 mm**

**Order data**

Order number	202414 4
GTIN	4045197776112
Item class	12X

**Description**
**Version:**

For **roughing and finishing**.

Up to 1×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  $L_c$ : 11 mm

Overhang length  $L_1$  incl. recess: 15 mm

Recess Ø  $D_1$ : 3.8 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Tolerance nominal Ø	0 / -0.03
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.025 mm
Cutting edge Ø $D_c$	4 mm
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical

Shank $\varnothing D_s$	6 mm
Overhang length $L_1$ incl. recess	15 mm
Overall length $L$	57 mm
Flute length $L_c$	11 mm
Shank	DIN 6535 HB to h6
Corner chamfer width at $45^\circ$	0.18 mm
Feed $f_z$ for slot milling in steel $< 900 \text{ N/mm}^2$	0.02 mm
Recess $\varnothing D_1$	3.8 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	$0.4 \times D$ for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill