


**HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 7,7 mm**

**Order data**

Order number	202416 7,7
GTIN	4045197776389
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: 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  $L_c$ : 19 mm

Overhang length  $L_1$  incl. recess: 32 mm

Recess  $\varnothing D_1$ : 7.2 mm

Overall length L: 68 mm

Shank  $\varnothing D_s$ : 8 mm

**Technical description**

Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	7.2 mm
Shank $\varnothing D_s$	8 mm
Overhang length $L_1$ incl. recess	32 mm
Corner chamfer width at $45^\circ$	0.2 mm
Overall length L	68 mm

Tolerance nominal $\varnothing$	0 / -0.03
Flute length $L_c$	19 mm
Cutting edge $\varnothing D_c$	7.7 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.06 mm
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.04 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