


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 8 mm

Order data

Order number	202416 8
GTIN	4045197776402
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 $\varnothing D_1$: 7.5 mm

Overall length L: 68 mm

Shank $\varnothing D_s$: 8 mm

Technical description

Shank $\varnothing D_s$	8 mm
Tolerance nominal \varnothing	0 / -0.03
Corner chamfer width at 45°	0.2 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	32 mm
Shank	DIN 6535 HB to h6

Cutting edge $\varnothing D_c$	8 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Recess $\varnothing D_1$	7.5 mm
Overall length L	68 mm
Flute length L_c	19 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.04 mm
No. of teeth Z	3
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	$0.3 \times D$ 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