


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 9,7 mm

Order data

Order number	202416 9,7
GTIN	4045197776426
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 : 22 mm

Overhang length L_1 incl. recess: 40 mm

Recess $\varnothing D_1$: 9.2 mm

Overall length L: 80 mm

Shank $\varnothing D_s$: 10 mm

Technical description

Overall length L	80 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Shank $\varnothing D_s$	10 mm
Recess $\varnothing D_1$	9.2 mm
Direction of infeed	horizontal, oblique and vertical

Feed f_z for slot milling in steel < 900 N/mm ²	0.05 mm
Cutting edge $\varnothing D_c$	9.7 mm
No. of teeth Z	3
Overhang length L_1 incl. recess	40 mm
Corner chamfer width at 45°	0.3 mm
Tolerance nominal \varnothing	0 / -0.03
Flute length L_c	22 mm
Shank	DIN 6535 HB to h6
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