


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 19,5 mm

Order data

Order number	202416 19,5
GTIN	4045197776488
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 : 38 mm

Overhang length L_1 incl. recess: 70 mm

Recess $\varnothing D_1$: 19 mm

Overall length L: 126 mm

Shank $\varnothing D_s$: 20 mm

Technical description

Overhang length L_1 incl. recess	70 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.09 mm
Shank $\varnothing D_s$	20 mm
No. of teeth Z	3
Feed f_z for side milling in steel < 900 N/mm ²	0.13 mm

Cutting edge $\varnothing D_c$	19.5 mm
Overall length L	126 mm
Flute length L_c	38 mm
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	19 mm
Corner chamfer width at 45°	0.5 mm
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	0 / -0.03
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