



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 16 mm



Order data

Order number	202416 16
GTIN	4045197776471
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 : 32 mm

Overhang length L_1 incl. recess: 56 mm

Recess $\varnothing D_1$: 15.5 mm

Overall length L: 108 mm

Shank $\varnothing D_s$: 16 mm

Technical description

Corner chamfer width at 45°	0.4 mm
Shank	DIN 6535 HB to h6
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.1 mm
Overall length L	108 mm
Recess $\varnothing D_1$	15.5 mm
No. of teeth Z	3

Overhang length L_1 incl. recess	56 mm
Flute length L_c	32 mm
Shank $\varnothing D_s$	16 mm
Tolerance nominal \varnothing	0 / -0.03
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Cutting edge $\varnothing D_c$	16 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

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm

SZ2025 16