



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



Order data

Order number	203058 16
GTIN	4045197947703
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, generous chip spaces.

Tolerance nominal \varnothing : 0 / -0.03

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 48 mm

Overhang length L_1 incl. recess: 58 mm

Recess $\varnothing D_1$: 15.5 mm

Overall length L: 108 mm

Shank $\varnothing D_s$: 16 mm

Technical description

Tolerance nominal \varnothing	0 / -0.03
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
No. of teeth Z	4
Flute length L_c	48 mm
Overhang length L_1 incl. recess	58 mm
Shank	DIN 6535 HB to h6

Recess $\varnothing D_1$	15.5 mm
Overall length L	108 mm
Shank $\varnothing D_s$	16 mm
Helix angle	38 degrees
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Cutting edge $\varnothing D_c$	16 mm
Corner chamfer width at 45°	0.4 mm
Direction of infeed	horizontal, oblique and vertical
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	$0.25 \times D$ 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