


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

Order data

Order number	203059 16
GTIN	4062406377212
Item class	12X

Description
Version:

For **roughing and finishing**.

Up to 0.5×D into solid material **at very high feed rates** with smooth cutting action. Extra-long version for avoiding interference contours.

Advantage:

Optimised flute form, eccentric relief ground, generous chip spaces.

Tolerance nominal Ø: 0 / -0.03

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length L_c: 53 mm

Overhang length L₁ incl. recess: 84 mm

Recess Ø D₁: 15.5 mm

Overall length L: 150 mm

Shank Ø D_s: 16 mm

Technical description

No. of teeth Z	4
Tolerance nominal Ø	0 / -0.03
Corner chamfer width at 45°	0.3 mm
Corner chamfer angle	45 degrees
Direction of infeed	horizontal, oblique and vertical

Shank $\varnothing D_s$	16 mm
Overhang length L_1 incl. recess	84 mm
Overall length L	150 mm
Cutting edge $\varnothing D_c$	16 mm
Recess $\varnothing D_1$	15.5 mm
Flute length L_c	53 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Shank	DIN 6535 HA to h6
Helix angle	38 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	Full slot cutting depth $1 \times D$
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