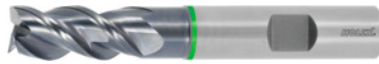



HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 11,7 mm

Order data

Order number	202414 11,7
GTIN	4045197776198
Item class	12X

Description
Version:

For **roughing and finishing**.

Up to 1×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 Ø: 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 : 26 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 11.2 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

No. of teeth Z	3
Flute length L_c	26 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Shank Ø D_s	12 mm
Tolerance nominal Ø	0 / -0.03

Cutting edge $\varnothing D_c$	11.7 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Overall length L	83 mm
Recess $\varnothing D_1$	11.2 mm
Overhang length L_1 incl. recess	38 mm
Corner chamfer width at 45°	0.3 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	$0.4 \times D$ 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