


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 12 mm

Order data

Order number	203052 12
GTIN	4045197712820
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.

At maximum machining depths, ensure compliance with the ratio dimension L_c (cutting length) / $\varnothing D_c$ (cutting \varnothing)!

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

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 : 16 mm

Overall length L: 73 mm

Shank $\varnothing D_s$: 12 mm

Corner chamfer width at 45°: 0.3 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.07 mm

Technical description

Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
No. of teeth Z	4
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Cutting edge $\varnothing D_c$	12 mm

Corner chamfer width at 45°	0.3 mm
Shank Ø D _s	12 mm
Overall length L	73 mm
Flute length L _c	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	0 / -0.03
Helix angle	38 degrees
Corner chamfer angle	45 degrees
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a _e for milling operation	0.5×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 Ø tool 12 mm

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