


HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 10 mm

Order data

Order number	203059 10
GTIN	4062406377090
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 : 33 mm

Overhang length L_1 incl. recess: 54 mm

Recess Ø D_1 : 9.5 mm

Overall length L: 100 mm

Shank Ø D_s : 10 mm

Technical description

Cutting edge Ø D_c	10 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.05 mm
Shank Ø D_s	10 mm
Helix angle	38 degrees
Shank	DIN 6535 HA to h6

Flute length L_c	33 mm
No. of teeth Z	4
Feed f_z for side milling in steel < 900 N/mm ²	0.06 mm
Corner chamfer angle	45 degrees
Corner chamfer width at 45°	0.2 mm
Overall length L	100 mm
Tolerance nominal Ø	0 / -0.03
Overhang length L_1 incl. recess	54 mm
Direction of infeed	horizontal, oblique and vertical
Recess Ø D_1	9.5 mm
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×D
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Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill