



## HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 8mm



### Order data

Order number	203059 8
GTIN	4062406377083
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.

### Technical description

Helix angle	38 degrees
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	4
Shank Ø D <sub>s</sub>	8 mm
Corner chamfer width at 45°	0.2 mm
Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup>	0.04 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.05 mm
Shank	DIN 6535 HA to h6
Flute length L <sub>c</sub>	28 mm
Tolerance nominal Ø	0 / -0.03
Corner chamfer angle	45 degrees
Overhang length L <sub>1</sub> incl. recess	36 mm

Overall length L	80 mm
Cutting edge $\varnothing D_c$	8 mm
Recess $\varnothing D_1$	7.5 mm
Series	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 / face mill

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	200 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	190 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	140 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	120 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	200 m/min	K
Uni	suitable		
wet maximum	suitable		

wet minimum	suitable only under restricted conditions
dry	suitable
Air	suitable
<b>Services</b>	
Shank grinding Type HB	129100 HB