



## HOLEX Pro INOX solid carbide milling cutter with through-coolant HPC, AlCrN, Ø f8 DC: 5 mm



### Order data

Order number	203027 5
GTIN	4062406094607
Item class	12X

### Description

#### Version:

HPC milling cutters with **newly developed high-performance coating** for **outstanding tool working life** and **optimum metal removal rates** in a wide range of stainless steels. For use at **high cutting speeds**, particularly suitable even for steels up to approx. 1100 N/mm<sup>2</sup>.

With **internal coolant supply** for reliable swarf evacuation.

Tolerance nominal Ø: f8

No. of teeth Z: 4

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L<sub>c</sub>: 13 mm

Overhang length L<sub>1</sub> incl. recess: 19 mm

Recess Ø D<sub>1</sub>: 4.8 mm

Overall length L: 57 mm

Shank Ø D<sub>s</sub>: 6 mm

### Technical description

Recess Ø D <sub>1</sub>	4.8 mm
Cutting edge Ø D <sub>c</sub>	5 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	4

Shank $\varnothing D_s$	6 mm
Tolerance nominal $\varnothing$	f8
Corner chamfer width at 45°	0.1 mm
Flute length $L_c$	13 mm
Overhang length $L_1$ incl. recess	19 mm
Overall length $L$	57 mm
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.025 mm
Helix angle	35 degrees
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.025 mm
Corner chamfer angle	45 degrees
Series	HOLEX Pro INOX
Coating	AlCrN
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	0.4×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	yes
Machining strategy	HPC
Colour ring	blue
Type of product	End mill