


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 4 mm**

**Order data**

Order number	203015 4
GTIN	4045197772862
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>.

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>: 11 mm

Overhang length L<sub>1</sub> incl. recess: 17 mm

Recess Ø D<sub>1</sub>: 3.8 mm

Overall length L: 57 mm

Shank Ø D<sub>s</sub>: 6 mm

**Technical description**

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Recess Ø D <sub>1</sub>	3.8 mm
Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.015 mm
Shank Ø D <sub>s</sub>	6 mm
Corner chamfer width at 45°	0.1 mm

Tolerance nominal $\varnothing$	f8
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.012 mm
Flute length $L_c$	11 mm
Overhang length $L_1$ incl. recess	17 mm
Cutting edge $\varnothing D_c$	4 mm
Overall length L	57 mm
No. of teeth Z	4
Helix angle	35 degrees
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	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill