


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 16 mm**

**Order data**

Order number	203021 16
GTIN	4045197773203
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>: 48 mm

Overhang length L<sub>1</sub> incl. recess: 58 mm

Recess Ø D<sub>1</sub>: 15.5 mm

Overall length L: 108 mm

Shank Ø D<sub>s</sub>: 16 mm

**Technical description**

No. of teeth Z	4
Shank Ø D <sub>s</sub>	16 mm
Corner chamfer width at 45°	0.3 mm
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	f8
Recess Ø D <sub>1</sub>	15.5 mm

Overhang length $L_1$ incl. recess	58 mm
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
Cutting edge $\varnothing D_c$	16 mm
Overall length L	108 mm
Flute length $L_c$	48 mm
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.055 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	35 degrees
Corner chamfer angle	45 degrees
Series	HOLEX Pro INOX
Coating	AlCrN
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	$0.3 \times D$ for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank  $\varnothing$  tool 16 mm

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