


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 16 mm**

**Order data**

Order number	202382 16
GTIN	4045197879639
Item class	12X

**Description**
**Version:**

HPC milling cutter with **newly developed high-performance coating** for **outstanding tool life** and **optimum metal removal rate** in a wide range of stainless steels.

Can be used at **high cutting speeds**, highly suitable even for steels up to approx. 1100 N/mm<sup>2</sup>.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 35 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

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**

Corner chamfer width at 45°	0.3 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Overall length L	108 mm
Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.055 mm
Shank Ø D <sub>s</sub>	16 mm

Overhang length $L_1$ incl. recess	58 mm
Tolerance nominal $\varnothing$	e8
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
No. of teeth Z	3
Flute length $L_c$	48 mm
Recess $\varnothing D_1$	15.5 mm
Cutting edge $\varnothing D_c$	16 mm
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	Full slot cutting depth $1 \times D$
Cutting width $a_e$ for milling operation	$0.3 \times D$ for side milling
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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