


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 7 mm**

**Order data**

Order number	202378 7
GTIN	4045197879516
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>: 21 mm

Overhang length L<sub>1</sub> incl. recess: 25 mm

Recess Ø D<sub>1</sub>: 6.7 mm

Overall length L: 63 mm

Shank Ø D<sub>s</sub>: 8 mm

**Technical description**

Tolerance nominal Ø	e8
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Feed f <sub>z</sub> for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.025 mm
Shank Ø D <sub>s</sub>	8 mm
Corner chamfer width at 45°	0.2 mm

Shank	DIN 6535 HB to h6
Overhang length $L_1$ incl. recess	25 mm
Recess $\varnothing D_1$	6.7 mm
Cutting edge $\varnothing D_c$	7 mm
Flute length $L_c$	21 mm
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.04 mm
Overall length L	63 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	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill