


**HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 10 mm**

**Order data**

Order number	202382 10
GTIN	4045197879615
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>: 30 mm

Overhang length L<sub>1</sub> incl. recess: 38 mm

Recess Ø D<sub>1</sub>: 9.7 mm

Overall length L: 80 mm

Shank Ø D<sub>s</sub>: 10 mm

**Technical description**

Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.045 mm
Overhang length L <sub>1</sub> incl. recess	38 mm
Feed f <sub>z</sub> for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
No. of teeth Z	3
Tolerance nominal Ø	e8
Cutting edge Ø D <sub>c</sub>	10 mm

Direction of infeed	horizontal, oblique and vertical
Overall length L	80 mm
Recess $\varnothing D_1$	9.7 mm
Flute length $L_c$	30 mm
Shank $\varnothing D_s$	10 mm
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.2 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×D
Cutting width $a_e$ for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill