



HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 10 mm



Order data

Order number	203021 10
GTIN	4045197773180
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/mm².

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_c: 30 mm

Overhang length L₁ incl. recess: 38 mm

Recess Ø D₁: 9.7 mm

Overall length L: 80 mm

Shank Ø D_s: 10 mm

Technical description

Overall length L	80 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Overhang length L ₁ incl. recess	38 mm
Shank Ø D _s	10 mm
Corner chamfer width at 45°	0.2 mm

Flute length L_c	30 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.045 mm
Cutting edge $\varnothing D_c$	10 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.04 mm
No. of teeth Z	4
Recess $\varnothing D_1$	9.7 mm
Tolerance nominal \varnothing	f8
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