


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 12 mm

Order data

Order number	203021 12
GTIN	4045197773197
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: 36 mm

Overhang length L₁ incl. recess: 46 mm

Recess Ø D₁: 11.6 mm

Overall length L: 93 mm

Shank Ø D_s: 12 mm

Technical description

Overhang length L ₁ incl. recess	46 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Feed f _z for side milling in INOX > 900 N/mm ²	0.05 mm
Shank Ø D _s	12 mm
No. of teeth Z	4
Corner chamfer width at 45°	0.3 mm

Overall length L	93 mm
Cutting edge $\varnothing D_c$	12 mm
Flute length L_c	36 mm
Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	11.6 mm
Tolerance nominal \varnothing	f8
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×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×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 12 mm

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