


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 12 mm

Order data

Order number	202378 12
GTIN	4045197879554
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/mm².

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_c: 26 mm

Overhang length L₁ incl. recess: 36 mm

Recess Ø D₁: 11.6 mm

Overall length L: 83 mm

Shank Ø D_s: 12 mm

Technical description

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.3 mm
Recess Ø D ₁	11.6 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Overhang length L ₁ incl. recess	36 mm

Overall length L	83 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	3
Flute length L_c	26 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.05 mm
Shank $\varnothing D_s$	12 mm
Tolerance nominal \varnothing	e8
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 1xD
Cutting width a_e for milling operation	0.5xD 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 12 mm

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