


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

Order data

Order number	202382 12
GTIN	4045197879622
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: 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

Recess Ø D ₁	11.6 mm
Cutting edge Ø D _c	12 mm
Feed f _z for side milling in INOX > 900 N/mm ²	0.05 mm
No. of teeth Z	3
Overall length L	93 mm
Corner chamfer width at 45°	0.3 mm

Tolerance nominal \varnothing	e8
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.04 mm
Flute length L_c	36 mm
Shank $\varnothing D_s$	12 mm
Shank	DIN 6535 HB to h6
Overhang length L_1 incl. recess	46 mm
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	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.3 \times D$ 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

SZ2025 12