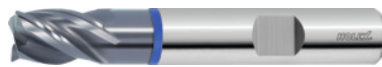




## HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 12 mm



### Order data

Order number	203013 12
GTIN	4045197849946
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/mm<sup>2</sup>.

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<sub>c</sub>: 16 mm

Overall length L: 73 mm

Shank Ø D<sub>s</sub>: 12 mm

Corner chamfer width at 45°: 0.3 mm

Feed f<sub>z</sub> for slot milling in stainless steel > 900 N/mm<sup>2</sup>: 0.04 mm

### Technical description

No. of teeth Z	4
Cutting edge Ø D <sub>c</sub>	12 mm
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	f8
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.3 mm

Overall length L	73 mm
Shank $\varnothing D_s$	12 mm
Flute length $L_c$	16 mm
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
Helix angle	35 degrees
Corner chamfer angle	45 degrees
Series	HOLEX Pro INOX
Coating	AlCrN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.5×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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