



HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 18 mm



Order data

Order number	203015 18
GTIN	4045197773142
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: 42 mm

Recess Ø D₁: 17.5 mm

Overall length L: 104 mm

Shank Ø D_s: 18 mm

Technical description

Shank	DIN 6535 HB to h6
Feed f _z for side milling in INOX > 900 N/mm ²	0.08 mm
Corner chamfer width at 45°	0.3 mm
Overhang length L ₁ incl. recess	42 mm
Overall length L	104 mm
Cutting edge Ø D _c	18 mm

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Shank $\varnothing D_s$	18 mm
No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal \varnothing	f8
Flute length L_c	36 mm
Recess $\varnothing D_1$	17.5 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	0.4×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