



HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø f8 DC: 6 mm



Order data

Order number	203015 6
GTIN	4045197772886
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: 13 mm

Overhang length L₁ incl. recess: 19 mm

Recess Ø D₁: 5.8 mm

Overall length L: 57 mm

Shank Ø D_s: 6 mm

Technical description

Cutting edge Ø D _c	6 mm
Corner chamfer width at 45°	0.1 mm
Flute length L _c	13 mm
Shank	DIN 6535 HB to h6
Recess Ø D ₁	5.8 mm
Tolerance nominal Ø	f8

Overall length L	57 mm
Overhang length L ₁ incl. recess	19 mm
No. of teeth Z	4
Shank Ø D _s	6 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
Feed f _z for side milling in INOX > 900 N/mm ²	0.03 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	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