


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 6 mm

Order data

Order number	202382 6
GTIN	4045197879592
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: 18 mm

Overhang length L₁ incl. recess: 24 mm

Recess Ø D₁: 5.8 mm

Overall length L: 62 mm

Shank Ø D_s: 6 mm

Technical description

Overall length L	62 mm
Corner chamfer width at 45°	0.1 mm
Tolerance nominal Ø	e8
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Shank Ø D _s	6 mm

Overhang length L_1 incl. recess	24 mm
Flute length L_c	18 mm
Recess $\varnothing D_1$	5.8 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
No. of teeth Z	3
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
Cutting edge $\varnothing D_c$	6 mm
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