


HOLEX Pro INOX solid carbide milling cutter HPC, AlCrN, Ø e8 DC: 3mm

Order data

Order number	202378 3
GTIN	4045197879370
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 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c: 8 mm

Overhang length L₁ incl. recess: 13 mm

Recess Ø D₁: 2.8 mm

Overall length L: 57 mm

Shank Ø D_s: 6 mm

Technical description

Feed f _z for side milling in INOX > 900 N/mm ²	0.015 mm
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D _c	3 mm
Overhang length L ₁ incl. recess	13 mm
Overall length L	57 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.012 mm

Recess $\varnothing D_1$	2.8 mm
Shank	DIN 6535 HB to h6
Shank $\varnothing D_s$	6 mm
Flute length L_c	8 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.1 mm
Tolerance nominal \varnothing	e8
Helix angle	35 °
Corner chamfer angle	45 °
Series	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×D
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	240 m/min	P
Steel < 750 N/mm ²	suitable	220 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	180 m/min	P

Steel < 1400 N/mm ²	suitable only under restricted conditions	150 m/min	P
TOOLOX 33	suitable only under restricted conditions	115 m/min	H
TOOLOX 44	suitable only under restricted conditions	80 m/min	H
INOX < 900 N/mm ²	suitable	100 m/min	M
INOX > 900 N/mm ²	suitable	85 m/min	M
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	Suitable		
dry	Suitable only under restricted conditions		
Air	Suitable only under restricted conditions		