



HOLEX Pro INOX solid carbide milling cutter with through-coolant HPC, AlCrN, Ø f8 DC: 16 mm



Order data

Order number	203027 16
GTIN	4062406095550
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.

With **internal coolant supply** for reliable swarf evacuation.

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: 15.5 mm

Overall length L: 92 mm

Shank Ø D_s: 16 mm

Technical description

Overall length L	92 mm
Direction of infeed	horizontal, oblique and vertical
Feed f _z for side milling in INOX > 900 N/mm ²	0.055 mm
Cutting edge Ø D _c	16 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.05 mm

Helix angle	35 degrees
Flute length L_c	36 mm
Overhang length L_1 incl. recess	42 mm
Corner chamfer width at 45°	0.3 mm
Shank $\varnothing D_s$	16 mm
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	f8
Recess $\varnothing D_1$	15.5 mm
No. of teeth Z	4
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	0.4xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	yes
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 16 mm

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