


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

Order data

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| Order number | 203015 16 |
| GTIN | 4045197773135 |
| 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: 15.5 mm

Overall length L: 92 mm

Shank Ø D_s: 16 mm

Technical description

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|--|----------|
| Shank Ø D _s | 16 mm |
| Cutting edge Ø D _c | 16 mm |
| No. of teeth Z | 4 |
| Feed f _z for side milling in INOX > 900 N/mm ² | 0.055 mm |
| Recess Ø D ₁ | 15.5 mm |
| Overhang length L ₁ incl. recess | 42 mm |

| | |
|--|----------------------------------|
| Direction of infeed | horizontal, oblique and vertical |
| Corner chamfer width at 45° | 0.3 mm |
| Feed f_z for slot milling in stainless steel > 900 N/mm ² | 0.05 mm |
| Shank | DIN 6535 HB to h6 |
| Tolerance nominal \varnothing | f8 |
| Overall length L | 92 mm |
| Flute length L_c | 36 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 |

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 16 mm

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