

**HOLEX**
**HOLEX Pro INOX solid carbide milling cutter with through-coolant HPC, AlCrN, Ø f8 DC: 12 mm**

**Order data**

Order number	203027 12
GTIN	4062406095543
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/mm<sup>2</sup>.

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<sub>c</sub>: 26 mm

Overhang length L<sub>1</sub> incl. recess: 36 mm

Recess Ø D<sub>1</sub>: 11.6 mm

Overall length L: 83 mm

Shank Ø D<sub>s</sub>: 12 mm

**Technical description**

Helix angle	35 degrees
Corner chamfer width at 45°	0.3 mm
Overall length L	83 mm
Overhang length L <sub>1</sub> incl. recess	36 mm
Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm

Cutting edge $\varnothing D_c$	12 mm
Feed $f_z$ for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.04 mm
Shank $\varnothing D_s$	12 mm
Recess $\varnothing D_1$	11.6 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal $\varnothing$	f8
Flute length $L_c$	26 mm
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 12 mm

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