



## HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 12/4,0 mm



### Order data

Order number	206348 12/4,0
GTIN	4045197859907
Item class	12X

### Description

#### Version:

Dimensions similar to DIN 6527.

HPC milling cutter with **newly developed high-performance coating**.

For **outstanding tool life** and **optimum metal removal rate** in a very 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>.

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L<sub>c</sub>: 26 mm

Corner radius R<sub>1</sub>: 4 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

### Technical description

Corner radius R <sub>1</sub>	4 mm
Recess Ø D <sub>1</sub>	11.6 mm
Shank	DIN 6535 HB to h6
Overall length L	83 mm
No. of teeth Z	4

Overhang length $L_1$ incl. recess	36 mm
Flute length $L_c$	26 mm
Feed $f_z$ for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.064 mm
Cutting edge $\varnothing D_c$	12 mm
Feed $f_z$ for side milling in INOX $> 900 \text{ N/mm}^2$	0.052 mm
Shank $\varnothing D_s$	12 mm
Helix angle	35 degrees
Series	HOLEX Pro INOX
Coating	AlCrN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	f8
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Direction of infeed	horizontal, oblique and vertical
Cutting width $a_e$ for milling operation	$0.05 \times D$ for copy milling
Cutting width $a_e$ for milling operation	$0.3 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Shank tolerance	h6
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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