



HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 5/1,0 mm



Order data

Order number	206348 5/1,0
GTIN	4045197859686
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/mm².

No. of teeth Z: 4

Helix angle: 35 degrees

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c: 13 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 19 mm

Recess Ø D₁: 4.8 mm

Overall length L: 57 mm

Technical description

Corner radius R ₁	1 mm
Shank	DIN 6535 HB to h6
Cutting edge Ø D _c	5 mm
Shank Ø D _s	6 mm
Overhang length L ₁ incl. recess	19 mm

Recess $\varnothing D_1$	4.8 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.023 mm
Flute length L_c	13 mm
Overall length L	57 mm
Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.03 mm
No. of teeth Z	4
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