

HOLEX
HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 12/1,0 mm

Order data

Order number	206348 12/1,0
GTIN	4045197859853
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: 26 mm

Corner radius R₁: 1 mm

Overhang length L₁ incl. recess: 36 mm

Recess Ø D₁: 11.6 mm

Overall length L: 83 mm

Technical description

Feed f _z for copy milling in stainless steel > 900 N/mm ²	0.075 mm
Recess Ø D ₁	11.6 mm
Shank	DIN 6535 HB to h6
Shank Ø D _s	12 mm
Overall length L	83 mm

Overhang length L_1 incl. recess	36 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	4
Corner radius R_1	1 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.06 mm
Flute length L_c	26 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×D for copy milling
Cutting width a_e for milling operation	0.3×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	SZ2025 12
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