

HOLEX
HOLEX Pro INOX solid carbide torus cutter HPC DIN 6535 HB, AlCrN, Ø DC / R1: 12/2,0 mm

Order data

Order number	206348 12/2,0
GTIN	4045197859877
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: 2 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 side milling in INOX > 900 N/mm ²	0.056 mm
Overhang length L ₁ incl. recess	36 mm
Flute length L _c	26 mm
Recess Ø D ₁	11.6 mm
Cutting edge Ø D _c	12 mm

No. of teeth Z	4
Feed f_z for copy milling in stainless steel $> 900 \text{ N/mm}^2$	0.07 mm
Corner radius R_1	2 mm
Shank	DIN 6535 HB to h6
Overall length L	83 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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