


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 12/1,0 mm

Order data

Order number	206357 12/1,0
GTIN	4045197770455
Item class	12X

Description
Version:

Tolerance: Corner radius $R_1 = \pm 0.03$ mm.

Advantage:

HPC milling cutters will with various corner radii for all radial transitions.

Optimised flute form, eccentric relief ground, wide chip space.

No. of teeth Z: 4

Helix angle: 38 degrees

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 26 mm

Corner radius R_1 : 1 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 11.5 mm

Overall length L: 83 mm

Technical description

Overall length L	83 mm
No. of teeth Z	4
Shank Ø D_s	12 mm
Flute length L_c	26 mm
Cutting edge Ø D_c	12 mm
Corner radius R_1	1 mm
Overhang length L_1 incl. recess	38 mm

Recess $\varnothing D_1$	11.5 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Shank	DIN 6535 HB to h6
Helix angle	38 degrees
Series	HOLEX Pro Steel
Coating	TiAlN
Tool material	solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	0 / -0.03
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	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Machining strategy	HPC
Colour ring	green
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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