


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 16/0,5 mm

Order data

Order number	206357 16/0,5
GTIN	4045197770493
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 : 32 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 44 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 92 mm

Technical description

Overall length L	92 mm
Cutting edge Ø D_c	16 mm
Overhang length L_1 incl. recess	44 mm
No. of teeth Z	4
Corner radius R_1	0.5 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm
Flute length L_c	32 mm

Recess $\varnothing D_1$	15.5 mm
Shank $\varnothing D_s$	16 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.08 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 16 mm

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