


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 6/0,5 mm

Order data

Order number	206357 6/0,5
GTIN	4045197770325
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 : 13 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 21 mm

Recess $\varnothing D_1$: 5.5 mm

Overall length L: 57 mm

Technical description

No. of teeth Z	4
Recess $\varnothing D_1$	5.5 mm
Overall length L	57 mm
Corner radius R_1	0.5 mm
Overhang length L_1 incl. recess	21 mm
Cutting edge $\varnothing D_c$	6 mm
Shank $\varnothing D_s$	6 mm

Flute length L_c	13 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.05 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.04 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