


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 4/0,5mm

Order data

Order number	206357 4/0,5
GTIN	4045197769084
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°

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 11 mm

Corner radius R_1 : 0.5 mm

Overhang length L_1 incl. recess: 15 mm

Recess $\varnothing D_1$: 3.8 mm

Overall length L: 57 mm

Technical description

Overhang length L_1 incl. recess	15 mm
Flute length L_c	11 mm
Shank $\varnothing D_s$	6 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.025 mm
No. of teeth Z	4
Overall length L	57 mm
Cutting edge $\varnothing D_c$	4 mm

Recess $\varnothing D_1$	3.8 mm
Corner radius R_1	0.5 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.02 mm
Shank	DIN 6535 HB to h6
Helix angle	38°
Series	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	Torus cutter

User data

	Suitability	V_c	ISO code
Steel $< 500 \text{ N/mm}^2$	suitable	260 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 900 \text{ N/mm}^2$	suitable	180 m/min	P
Steel $< 1100 \text{ N/mm}^2$	suitable	160 m/min	P
INOX $< 900 \text{ N/mm}^2$	suitable only under restricted conditions	80 m/min	M

GG(G)	suitable	250 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		