


**HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 20/4,0 mm**

**Order data**

Order number	206357 20/4,0
GTIN	4045197770554
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  $L_c$ : 38 mm

Corner radius  $R_1$ : 4 mm

Overhang length  $L_1$  incl. recess: 54 mm

Recess Ø  $D_1$ : 19.5 mm

Overall length L: 104 mm

**Technical description**

Shank Ø $D_s$	20 mm
Corner radius $R_1$	4 mm
Overhang length $L_1$ incl. recess	54 mm
Flute length $L_c$	38 mm
Overall length L	104 mm
Recess Ø $D_1$	19.5 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.13 mm

No. of teeth Z	4
Cutting edge $\varnothing D_c$	20 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.1 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 20 mm

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