


**HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 12/1,5mm**

**Order data**

Order number	GG1357 12/1,5
GTIN	4045197909237
Item class	GGN

**Description**
**Version:**

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

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

Optimised flute form, eccentric relief ground, generous chip spaces.

**Same as No. 206357.**

**Technical description**

Shank $\varnothing D_s$	12 mm
Overhang length $L_1$ incl. recess	38 mm
Feed $f_z$ for side milling in steel $< 900$ N/mm <sup>2</sup>	0.09 mm
Cutting edge $\varnothing D_c$	12 mm
Corner radius $R_1$	1.5 mm
Recess $\varnothing D_1$	11.5 mm
Shank	DIN 6535 HB to h6
Flute length $L_c$	26 mm
No. of teeth $Z$	4

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.07 mm
Overall length L	83 mm
Helix angle	38 degrees
Contents	5
Series	Pro Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
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	0.3×D for side milling
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Machining strategy	HPC
Colour ring	green
Type of product	Torus cutter

## User data

	Suitability	$V_c$	ISO code
Steel < 500 N/mm <sup>2</sup>	suitable	260 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	240 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	160 m/min	P
INOX < 900 N/mm <sup>2</sup>	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

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## Accessories

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