


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 12/0,5mm

Order data

Order number	GG1357 12/0,5
GTIN	4045197909213
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	DIN 6535 HB to h6
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Flute length L_c	26 mm
Overhang length L_1 incl. recess	38 mm
Corner radius R_1	0.5 mm
Cutting edge $\varnothing D_c$	12 mm
Recess $\varnothing D_1$	11.5 mm
Shank $\varnothing D_s$	12 mm
No. of teeth Z	4

Overall length L	83 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 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
Cutting width a_e for milling operation	0.3×D for side milling
Machining strategy	HPC
Colour ring	green
Type of product	Torus cutter

User data

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

Accessories

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206357 12/0,5