


HOLEX Pro Steel solid carbide torus cutter HPC, TiAlN, Ø DC / R1: 12/1,0mm

Order data

Order number	GG1357 12/1,0
GTIN	4045197909220
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

Overhang length L_1 incl. recess	38 mm
Recess $\varnothing D_1$	11.5 mm
Corner radius R_1	1 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	12 mm
Flute length L_c	26 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Shank	DIN 6535 HB to h6

Overall length L	83 mm
Shank $\varnothing D_s$	12 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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