



Value pack HOLEX Pro Steel HPC solid carbide torus cutter



Order data

Order number	GG1357 6/0,5
GTIN	4045197909091
Item class	GGN

Description

Version:

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

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 $\varnothing D_s$	6 mm
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	6 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.05 mm
Flute length L_c	13 mm
Overall length L	57 mm
Overhang length L_1 incl. recess	21 mm
No. of teeth Z	4
Corner radius R_1	0.5 mm

Data sheet

Recess $\varnothing D_1$	5.5 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.04 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	$0.3 \times D$ for side milling
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/GG1357-6/0,5>