


HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 5mm

Order data

Order number	GG3068 5
GTIN	4062406625665
Item class	GGN

Description
Version:

For **roughing and finishing** at very high feed rates with smooth cutting action. Innovative geometry and high-performance coating for outstanding production results and tool life in a variety of materials. Unequal spacing gives high intrinsic stability and smooth cutting action. **Same as No. 203068.**

Technical description

Overhang length L_1 incl. recess	19 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.03 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.03 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	5 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.025 mm
Shank $\varnothing D_s$	6 mm
Corner chamfer angle	45 degrees

Flute length L_c	13 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.04 mm
Overall length L	57 mm
Helix angle	42 degrees
Corner chamfer width at 45°	0.1 mm
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	e8
Recess $\varnothing D_1$	4.8 mm
Contents	5
Series	Pro Uni
Coating	TiSiN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
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	MTC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	250 m/min	N
Steel $< 500 \text{ N/mm}^2$	suitable	240 m/min	P
Steel $< 750 \text{ N/mm}^2$	suitable	220 m/min	P

Steel < 900 N/mm ²	suitable	180 m/min	P
Steel < 1100 N/mm ²	suitable	170 m/min	P
Steel < 1400 N/mm ²	suitable	140 m/min	P
INOX < 900 N/mm ²	suitable	90 m/min	M
INOX > 900 N/mm ²	suitable	80 m/min	M
Ti > 850 N/mm ²	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable	240 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		

Accessories

HOLEX Pro UNI solid carbide milling cutterHPC Ø e8 DC 5 mm

203068 5