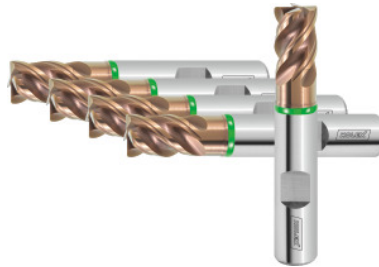




## HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 12mm



### Order data

Order number	GG3063 12
GTIN	4062406625610
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. 203063.**

### Technical description

Helix angle	42 degrees
Overhang length $L_1$ incl. recess	26 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth $Z$	4
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.05 mm
Flute length $L_c$	16 mm
Feed $f_z$ for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.04 mm
Tolerance nominal $\varnothing$	e8
Shank	DIN 6535 HB to h6

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.09 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.07 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	73 mm
Corner chamfer width at 45°	0.3 mm
Recess $\varnothing D_1$	11.5 mm
Shank $\varnothing D_s$	12 mm
Corner chamfer angle	45 degrees
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×D
Cutting width $a_e$ for milling operation	0.5×D for side milling
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 N/mm <sup>2</sup>	suitable	240 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	220 m/min	P

Steel < 900 N/mm <sup>2</sup>	suitable	180 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	140 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable	80 m/min	M
Ti > 850 N/mm <sup>2</sup>	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 12 mm

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