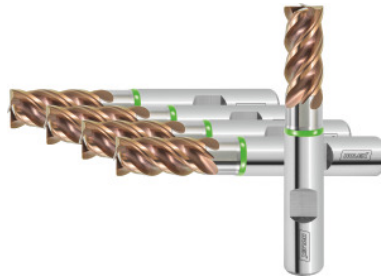




## HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 20mm



### Order data

Order number	GG3068 20
GTIN	4062406625726
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

Recess Ø D <sub>1</sub>	19.5 mm
Shank	DIN 6535 HB to h6
Helix angle	42 degrees
Cutting edge Ø D <sub>c</sub>	20 mm
Feed f <sub>z</sub> for slot milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
Feed f <sub>z</sub> for slot milling in stainless steel > 900 N/mm <sup>2</sup>	0.07 mm
Shank Ø D <sub>s</sub>	20 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.12 mm
Corner chamfer width at 45°	0.3 mm

Direction of infeed	horizontal, oblique and vertical
Corner chamfer angle	45 degrees
Flute length $L_c$	41 mm
No. of teeth Z	4
Overall length L	104 mm
Tolerance nominal $\varnothing$	e8
Overhang length $L_1$ incl. recess	52 mm
Feed $f_z$ for side milling in INOX > 900 N/mm <sup>2</sup>	0.08 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 1xD
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
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 20 mm

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