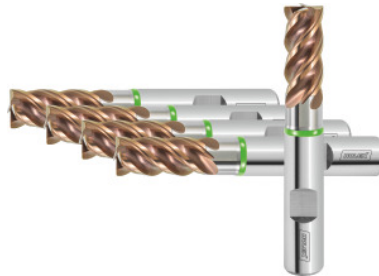




HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 4mm



Order data

Order number	GG3068 4
GTIN	4062406625658
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

Feed f_z for slot milling in steel < 900 N/mm ²	0.02 mm
Corner chamfer width at 45°	0.08 mm
Recess Ø D ₁	3.8 mm
Shank	DIN 6535 HB to h6
Overhang length L ₁ incl. recess	17 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.025 mm
Flute length L _c	11 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.012 mm
No. of teeth Z	4

Feed f_z for side milling in INOX > 900 N/mm ²	0.015 mm
Cutting edge $\varnothing D_c$	4 mm
Direction of infeed	horizontal, oblique and vertical
Helix angle	42 degrees
Tolerance nominal \varnothing	e8
Corner chamfer angle	45 degrees
Overall length L	57 mm
Shank $\varnothing D_s$	6 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
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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 ²	suitable	240 m/min	P
Steel < 750 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 4 mm

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