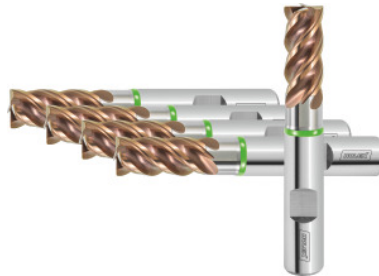




HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 16mm



Order data

Order number	GG3068 16
GTIN	4062406625719
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 side milling in steel < 900 N/mm ²	0.1 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in INOX > 900 N/mm ²	0.06 mm
Cutting edge Ø D_c	16 mm
Corner chamfer width at 45°	0.3 mm
Tolerance nominal Ø	e8
Flute length L_c	36 mm
No. of teeth Z	4
Overall length L	92 mm

Corner chamfer angle	45 degrees
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
Recess $\varnothing D_1$	15.5 mm
Overhang length L_1 incl. recess	42 mm
Shank	DIN 6535 HB to h6
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Helix angle	42 degrees
Shank $\varnothing D_s$	16 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 $1 \times D$
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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 $< 500 \text{ N/mm}^2$	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 16 mm

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