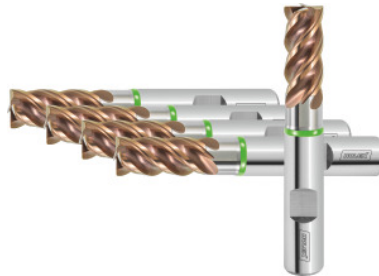




HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 12mm



Order data

Order number	GG3068 12
GTIN	4062406625702
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 ₁	11.6 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Direction of infeed	horizontal, oblique and vertical
Shank Ø D _s	12 mm
Helix angle	42 degrees
Corner chamfer angle	45 degrees
Overhang length L ₁ incl. recess	36 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.09 mm
Overall length L	83 mm

No. of teeth Z	4
Feed f_z for side milling in INOX > 900 N/mm ²	0.05 mm
Cutting edge $\varnothing D_c$	12 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Tolerance nominal \varnothing	e8
Corner chamfer width at 45°	0.3 mm
Flute length L_c	26 mm
Shank	DIN 6535 HB to h6
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 12 mm

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