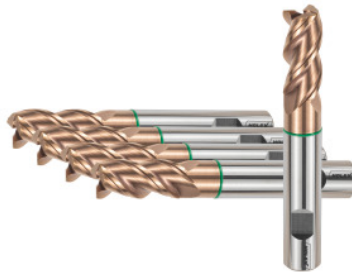




HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 20mm



Order data

Order number	GG2432 20
GTIN	4067263102564
Item class	GGN

Description

Version:

Same as No. 202432.

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.

Technical description

Corner chamfer angle	45 degrees
Overall length L	104 mm
Flute length L _c	41 mm
Feed f _z for slot milling in stainless steel > 900 N/mm ²	0.07 mm
Shank	DIN 6535 HB to h6
Recess Ø D ₁	19.5 mm
Feed f _z for slot milling in steel < 900 N/mm ²	0.1 mm
Corner chamfer width at 45°	0.3 mm
Helix angle	42 degrees

Cutting edge $\varnothing D_c$	20 mm
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.08 mm
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Shank $\varnothing D_s$	20 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.12 mm
Overhang length L_1 incl. recess	52 mm
Tolerance nominal \varnothing	e8
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	$0.05 \times D$ for side milling
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions		
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		
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		
GG(G)	suitable		
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		

Accessories

Pro UNI solid carbide milling cutterHPC Ø e8 DC 20 mm

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