


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

Order data

Order number	203068 20
GTIN	4062406572273
Item class	12Y

Description
Version:

For **roughing and finishing** up to $1.5 \times D$ into solid material **at very high feed rates** with smooth cutting action.

For cutting force reduction and better surface quality due to **45° helix**.

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 42 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 41 mm

Overhang length L_1 incl. recess: 52 mm

Recess Ø D_1 : 19.5 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

No. of teeth Z	4
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Shank Ø D_s	20 mm
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.07 mm

Overhang length L_1 incl. recess	52 mm
Recess $\varnothing D_1$	19.5 mm
Corner chamfer angle	45 degrees
Flute length L_c	41 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.13 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 N/mm ²	0.08 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	104 mm
Series	HOLEX 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 $1 \times D$
Cutting width a_e for milling operation	$0.3 \times D$ for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill