


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

Order data

Order number	203068 12
GTIN	4062406572259
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 : 26 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 11.6 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Flute length L_c	26 mm
Overhang length L_1 incl. recess	36 mm
Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.04 mm
Helix angle	42 degrees
Cutting edge Ø D_c	12 mm

Corner chamfer width at 45°	0.3 mm
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Recess $\varnothing D_1$	11.6 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in INOX > 900 N/mm ²	0.05 mm
Overall length L	83 mm
Tolerance nominal \varnothing	e8
Shank $\varnothing D_s$	12 mm
Corner chamfer angle	45 degrees
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×D
Cutting width a_e for milling operation	0.3×D for side milling
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill