


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

Order data

Order number	203068 16
GTIN	4062406572266
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 : 36 mm

Overhang length L_1 incl. recess: 42 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 92 mm

Shank Ø D_s : 16 mm

Technical description

Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Helix angle	42 degrees
Feed f_z for side milling in INOX $> 900 \text{ N/mm}^2$	0.06 mm
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.3 mm
Corner chamfer angle	45 degrees

Feed f_z for slot milling in stainless steel $> 900 \text{ N/mm}^2$	0.05 mm
Overall length L	92 mm
Cutting edge $\varnothing D_c$	16 mm
Tolerance nominal \varnothing	e8
Shank $\varnothing D_s$	16 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.1 mm
No. of teeth Z	4
Flute length L_c	36 mm
Recess $\varnothing D_1$	15.5 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	42 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