


HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 6 mm

Order data

Order number	203068 6
GTIN	4062406569815
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 \varnothing : 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 : 13 mm

Overhang length L_1 incl. recess: 19 mm

Recess $\varnothing D_1$: 5.8 mm

Overall length L: 57 mm

Shank $\varnothing D_s$: 6 mm

Technical description

Overall length L	57 mm
Corner chamfer width at 45°	0.1 mm
Shank $\varnothing D_s$	6 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.05 mm
Flute length L_c	13 mm
Overhang length L_1 incl. recess	19 mm

No. of teeth Z	4
Corner chamfer angle	45 degrees
Helix angle	42 degrees
Direction of infeed	horizontal, oblique and vertical
Recess $\varnothing D_1$	5.8 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.03 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.04 mm
Shank	DIN 6535 HB to h6
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.025 mm
Tolerance nominal \varnothing	e8
Cutting edge $\varnothing D_c$	6 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×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