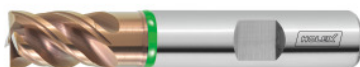



HOLEX Pro UNI solid carbide roughing end mill HPC, TiSiN, Ø e8 DC: 12 mm

Order data

Order number	203063 12
GTIN	4062406569761
Item class	12Y

Description
Version:

For **roughing and finishing** up to 1.5×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: 16 mm

Overhang length L₁ incl. recess: 26 mm

Recess Ø D₁: 11.5 mm

Overall length L: 73 mm

Shank Ø D_s: 12 mm

Technical description

No. of teeth Z	4
Shank Ø D _s	12 mm
Cutting edge Ø D _c	12 mm
Overhang length L ₁ incl. recess	26 mm
Overall length L	73 mm
Corner chamfer width at 45°	0.3 mm

Tolerance nominal Ø	e8
Helix angle	42 degrees
Corner chamfer angle	45 degrees
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Feed f_z for slot milling in stainless steel > 900 N/mm ²	0.04 mm
Recess Ø D ₁	11.5 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.05 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Flute length L _c	16 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