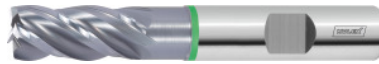




HOLEX Pro Steel solid carbide roughing end mill HPC, TiAlN, Ø DC: 5mm



Order data

Order number	203054 5
GTIN	4045197712899
Item class	12X

Description

Version:

For **roughing and finishing**.

Up to 1×D into solid material **at very high feed rates** with smooth cutting action. Dimensions to **manufacturer's standard**.

Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal Ø: 0 / -0.03

No. of teeth Z: 4

Helix angle: 38°

Direction of infeed: horizontal, oblique and vertical

Shank: HB with h6

No. of teeth Z: 4

Flute length L_c : 13 mm

Overhang length L_1 incl. recess: 17 mm

Recess Ø D_1 : 4.8 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Corner chamfer width at 45°	0.2 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.04 mm
Cutting edge Ø D_c	5 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.03 mm
Overhang length L_1 incl. recess	17 mm

No. of teeth Z	4
Recess $\varnothing D_1$	4.8 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length L_c	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	HB with h6
Tolerance nominal \varnothing	0 / -0.03
Helix angle	38 °
Corner chamfer angle	45 °
Series	Pro Steel
Coating	TiAlN
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	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm ²	suitable	260 m/min	P
Steel < 750 N/mm ²	suitable	240 m/min	P
Steel < 900 N/mm ²	suitable	180 m/min	P

Steel < 1100 N/mm ²	suitable	160 m/min	P
INOX < 900 N/mm ²	suitable only under restricted conditions	80 m/min	M
GG(G)	suitable	250 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		