

Garant
Solid carbide roughing end mill HPC, AlCrN, Ø e8 DC: 4 mm

Order data

Order number	203072 4
GTIN	4062406565145
Item class	11X

Description
Version:

For **roughing and finishing**. Up to 1.5xD into solid material **at very high feed rates** with smooth cutting action. Optimised end face geometry.

Application:

- **Optimised flute form, eccentric relief ground.**
- **Large flute profiles.**
- **Improved chip evacuation due to optimised end face geometry.**
- **Minimal wear due to sturdy cutting edges.**

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length L_c : 11 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Corner chamfer width at 45°: 0.1 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.028 mm

Technical description

No. of teeth Z	4
Cutting edge Ø D_c	4 mm
Corner chamfer width at 45°	0.1 mm

Overall length L	57 mm
Shank $\varnothing D_s$	6 mm
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	11 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.028 mm
Corner chamfer angle	45 degrees
Shank	DIN 6535 HB to h6
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.055 mm
Tolerance nominal \varnothing	e8
Helix angle	38 degrees
Coating	AlCrN
Tool material	solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.3xD for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	MTC
Colour ring	green
Type of product	End mill