

## Garant

### Solid carbide milling cutter DIN 6535 HA, TiAlN, Ø e8 DC: 5 mm



#### Order data

Order number	203440 5
GTIN	4045197119421
Item class	11X

#### Description

##### Version:

**High stability** and **extremely smooth cutting action** due to at least 6 teeth.

**Double relief ground clearance angle.**

##### Application:

**For peripheral milling** as a **finishing operation.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 6

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 18 mm

Recess Ø  $D_1$ : 4.8 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

#### Technical description

Overhang length $L_1$ incl. recess	18 mm
No. of teeth Z	6
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.032 mm
Cutting edge Ø $D_c$	5 mm

Recess $\varnothing D_1$	4.8 mm
Corner chamfer width at 45°	0.05 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	13 mm
Direction of infeed	horizontal
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width $a_e$ for milling operation	0.1×D for side milling
Through-coolant	no
Colour ring	green
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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