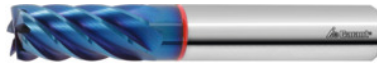


## Garant

### Diabolo solid carbide milling cutter HPC, TiAlN, Ø e8 DC: 5 mm



#### Order data

Order number	203211 5
GTIN	4045197597397
Item class	11X

#### Description

##### Version:

##### **GARANT Diabolo:**

Special geometry, coating and carbide, specially for hard machining.  
Dimensions similar to DIN 6527.

##### **Application:**

**For profile milling as finishing.**

(Plunge cutting only to shallow depths).

Tolerance nominal Ø: e8

No. of teeth Z: 6

Helix angle: 50 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length  $L_c$ : 15 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 65 HRC: 0.016 mm

#### Technical description

Feed $f_z$ for side milling in steel < 65 HRC	0.016 mm
No. of teeth Z	6
Cutting edge Ø $D_c$	5 mm
Shank Ø $D_s$	6 mm
Overall length L	57 mm

Flute length $L_c$	15 mm
Direction of infeed	horizontal and oblique
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	e8
Helix angle	50 degrees
Corner chamfer angle	90 degrees
Series	Diabolo
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	H
Helix angle characteristic	unequal spacing
Cutting width $a_e$ for milling operation	0.05×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	red
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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