

**Garant**
**GARANT Master Steel solid carbide finishing cutter HPC, TiAlN, Ø f8 DC: 5 mm**

**Order data**

Order number	204015 5
GTIN	4045197951885
Item class	11X

**Description**
**Version:**

For **finishing operations**.

Special geometry for optimum chip evacuation.

Unequal spacing gives high **intrinsic stability and smooth cutting action**.

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

**Note:**

Can be reground from  $\varnothing D_c = 6$  mm.

$$a_{e\max} = 0.1 \times D$$

Tolerance nominal  $\varnothing$ : f8

No. of teeth Z: 7

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 7

Flute length  $L_c$ : 17 mm

Overall length L: 62 mm

Shank  $\varnothing D_s$ : 6 mm

Feed  $f_z$  for side milling in steel  $< 900$  N/mm<sup>2</sup>: 0.028 mm

**Technical description**

Helix angle	45 degrees
Shank	DIN 6535 HA to h6
Cutting edge $\varnothing D_c$	5 mm
Tolerance nominal $\varnothing$	f8

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.028 mm
Shank $\varnothing D_s$	6 mm
Balance quality with shank	G 2.5 with HA
No. of teeth Z	7
Overall length L	62 mm
Direction of infeed	horizontal
Flute length $L_c$	17 mm
Corner chamfer angle	90 degrees
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.1×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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