

## Garant

### GARANT Master Titan solid carbide finishing cutter HPC, uncoated, Ø e8 DC: 8 mm



#### Order data

Order number	203632 8
GTIN	4045197991584
Item class	11Z

#### 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** in **titanium and titanium alloys**.

##### Advantage:

Suitable for medical technology and approved for foodstuffs.

Tolerance nominal Ø: e8

No. of teeth Z: 7

Helix angle: 40 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

No. of teeth Z: 7

Flute length  $L_c$ : 19 mm

Overall length L: 63 mm

Shank Ø  $D_s$ : 8 mm

Corner rounding  $r_v$ : 0.05 mm

Feed  $f_z$  for side milling in titanium > 850 N/mm<sup>2</sup>: 0.035 mm

#### Technical description

Shank Ø $D_s$	8 mm
Feed $f_z$ for side milling in titanium > 850 N/mm <sup>2</sup>	0.035 mm
Tolerance nominal Ø	e8

Direction of infeed	horizontal
No. of teeth Z	7
Overall length L	63 mm
Flute length L <sub>c</sub>	19 mm
Shank	DIN 6535 HA to h6
Cutting edge Ø D <sub>c</sub>	8 mm
Helix angle	40 degrees
Corner rounding r <sub>v</sub>	0.05 mm
Series	GARANT Master Titan
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Cutting width a <sub>e</sub> for milling operation	0.1×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	pink
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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