

## Garant

### GARANT Master Titan solid carbide finishing cutter HPC, uncoated, Ø e8 DC: 16 mm



#### Order data

Order number	203633 16
GTIN	4045197992055
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  $L_c$ : 48 mm

Overall length L: 108 mm

Shank Ø  $D_s$ : 16 mm

Corner rounding  $r_v$ : 0.1 mm

Feed  $f_z$  for side milling in titanium > 850 N/mm<sup>2</sup>: 0.042 mm

#### Technical description

Direction of infeed	horizontal
Shank Ø $D_s$	16 mm
Cutting edge Ø $D_c$	16 mm

Tolerance nominal $\varnothing$	e8
Feed $f_z$ for side milling in titanium > 850 N/mm <sup>2</sup>	0.042 mm
Shank	DIN 6535 HA to h6
Flute length $L_c$	48 mm
Overall length L	108 mm
No. of teeth Z	7
Helix angle	40 degrees
Corner rounding $r_v$	0.1 mm
Series	GARANT Master Titan
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Cutting width $a_e$ for milling operation	0.07×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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