

Garant

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



Order data

Order number	203634 16
GTIN	4045197992109
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 : 64 mm

Overall length L: 123 mm

Shank Ø D_s : 16 mm

Corner rounding r_v : 0.1 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.032 mm

Technical description

Shank	DIN 6535 HA to h6
Cutting edge Ø D_c	16 mm
Helix angle	40 degrees

Tolerance nominal \varnothing	e8
Direction of infeed	horizontal
No. of teeth Z	7
Feed f_z for side milling in titanium $> 850 \text{ N/mm}^2$	0.032 mm
Overall length L	123 mm
Shank $\varnothing D_s$	16 mm
Flute length L_c	64 mm
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	$0.05 \times D$ 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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