

Garant

GARANT Master Titan solid carbide finishing cutter HPC, uncoated, Ø e8 DC: 20 mm



Order data

Order number	203634 20
GTIN	4045197992116
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 : 80 mm

Overall length L: 140 mm

Shank Ø D_s : 20 mm

Corner rounding r_v : 0.1 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.034 mm

Technical description

Tolerance nominal Ø	e8
Feed f_z for side milling in titanium > 850 N/mm ²	0.034 mm
Overall length L	140 mm

Helix angle	40 degrees
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	20 mm
Cutting edge $\varnothing D_c$	20 mm
No. of teeth Z	7
Direction of infeed	horizontal
Flute length L_c	80 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
------------------------	-----------