

Garant

GARANT Master Titan solid carbide finishing cutter HPC, uncoated, Ø e8 DC: 12 mm



Order data

Order number	203633 12
GTIN	4045197992048
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 : 36 mm

Overall length L: 93 mm

Shank Ø D_s : 12 mm

Corner rounding r_v : 0.05 mm

Feed f_z for side milling in titanium > 850 N/mm²: 0.04 mm

Technical description

Shank Ø D_s	12 mm
Direction of infeed	horizontal
No. of teeth Z	7

Flute length L_c	36 mm
Cutting edge $\varnothing D_c$	12 mm
Helix angle	40 degrees
Tolerance nominal \varnothing	e8
Overall length L	93 mm
Shank	DIN 6535 HA to h6
Feed f_z for side milling in titanium $> 850 \text{ N/mm}^2$	0.04 mm
Corner rounding r_v	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_e for milling operation	$0.07 \times D$ 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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