

Garant

GARANT Master Steel solid carbide finishing cutter HPC, TiAlN, Ø f8 DC: 14 mm



Order data

Order number	204016 14
GTIN	4045197886811
Item class	11X

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**.

Particularly long cutting edges for efficient finishing.

Note:

$$a_{e\max} = 0.05 \times D$$

Can be reground from $\varnothing D_c = 6$ mm.

Tolerance nominal \varnothing : f8

No. of teeth Z: 7

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

Balance quality with shank: G 2.5 with HA

No. of teeth Z: 7

Flute length L_c : 56 mm

Overall length L: 108 mm

Shank $\varnothing D_s$: 14 mm

Corner chamfer width at 45°: 0.14 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.098 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.098 mm
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Balance quality with shank	G 2.5 with HA
Cutting edge $\varnothing D_c$	14 mm
Flute length L_c	56 mm
Overall length L	108 mm
Corner chamfer width at 45°	0.14 mm
No. of teeth Z	7
Shank $\varnothing D_s$	14 mm
Tolerance nominal \varnothing	f8
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	0.05×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm

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