

Garant

GARANT Master Steel solid carbide finishing cutter HPC, TiAlN, Ø f8 DC: 8 mm



Order data

Order number	204012 8
GTIN	4045197886606
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**.

Note:

$$a_{e\max} = 0.1 \times D$$

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 : 19 mm

Overall length L: 63 mm

Shank $\varnothing D_s$: 8 mm

Corner chamfer width at 45°: 0.08 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.058 mm

Technical description

Direction of infeed	horizontal
Overall length L	63 mm
Flute length L_c	19 mm

Shank $\varnothing D_s$	8 mm
Corner chamfer width at 45°	0.08 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.058 mm
Cutting edge $\varnothing D_c$	8 mm
No. of teeth Z	7
Balance quality with shank	G 2.5 with HA
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	f8
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	0.1×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
------------------------	-----------