

## Garant

### Solid carbide high precision milling cutter, TiAlN, Ø f8 DC: 6 mm



#### Order data

Order number	203540 6
GTIN	4045197509888
Item class	11X

#### Description

##### Version:

**High stability** and **extremely smooth cutting action** due to at least 6 teeth. **Eccentric relief ground.**

**With maximum 0.003 mm tapering.**

Extremely **high taper accuracy with tolerances in the µm range**, for **precise 90° angles** and plane-parallel surfaces in profile milling.

**For the most demanding angular accuracy.**

Cutter corner chamfer undefined due to eccentric relief grinding.

##### Application:

**For peripheral milling** as a **finishing operation.**

Tolerance nominal Ø: f8

No. of teeth Z: 6

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: 6

Flute length  $L_c$ : 33 mm

Overall length L: 80 mm

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.04 mm

#### Technical description

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.04 mm
Cutting edge Ø $D_c$	6 mm

No. of teeth Z	6
Shank $\varnothing D_s$	6 mm
Overall length L	80 mm
Flute length $L_c$	33 mm
Direction of infeed	horizontal
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	f8
Balance quality with shank	G 2.5 with HA
Helix angle	45 degrees
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Milling application	Mono milling tools high-precision 90°
Cutting width $a_e$ for milling operation	0.05×D for side milling
Through-coolant	no
Colour ring	green
Type of product	End mill

## Services

Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB