

## Garant

### Solid carbide milling cutter with more chip separators TPC, TiAlN, Ø f8 DC: 10 mm



#### Order data

Order number	203108 10
GTIN	4045197954176
Item class	11X

#### Description

##### Version:

High-performance milling cutter with **irregular cutter spacing** and **irregular helical pitch**. Optimised bending strength due to the use of ultra-fine grain substrates.

**Chip separator for controlled chip breaking.**

##### Note:

$h_{max}$ : The values stated in the table are maximum values.

$a_{e max} = 0.03 \times D$  for TPC machining.

Tolerance nominal Ø: f8

No. of teeth Z: 7

Helix angle: 40 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HB to h6

Balance quality with shank: G 2.5 with HB

No. of teeth Z: 7

Flute length  $L_c$ : 50 mm

Overall length L: 96 mm

Shank Ø  $D_s$ : 10 mm

Corner chamfer width at 45°: 0.2 mm

Average chip thickness  $h_{max}$  for TPC milling in INOX < 900 N/mm<sup>2</sup>: 0.037 mm

#### Technical description

Corner chamfer width at 45°	0.2 mm
Direction of infeed	horizontal and oblique
Flute length $L_c$	50 mm

Tolerance nominal $\varnothing$	f8
Cutting edge $\varnothing D_c$	10 mm
Balance quality with shank	G 2.5 with HB
Average chip thickness $h_{max}$ for TPC milling in INOX < 900 N/mm <sup>2</sup>	0.037 mm
Overall length L	96 mm
Helix angle	40 degrees
Shank	DIN 6535 HB to h6
No. of teeth Z	7
Shank $\varnothing D_s$	10 mm
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	0.03xD
Through-coolant	no
Machining strategy	TPC
Colour ring	blue
Type of product	End mill