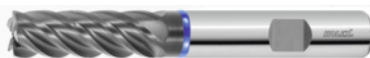




Solid carbide milling cutter with chip separators TPC, TiAlN, Ø f8 DC: 5 mm



Order data

Order number	203101 5
GTIN	4062406252519
Item class	12X

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.

$a_{e max} = 0.07 \times D$ for TPC machining.

Tolerance nominal Ø: f8

No. of teeth Z: 5

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: 5

Flute length L_c : 17 mm

Overhang length L_1 incl. recess: 24 mm

Recess Ø D_1 : 4.8 mm

Overall length L: 62 mm

Shank Ø D_s : 6 mm

Technical description

Shank Ø D_s	6 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal and oblique

Corner chamfer width at 45°	0.1 mm
Tolerance nominal Ø	f8
Helix angle	40 degrees
Cutting edge Ø D _c	5 mm
Balance quality with shank	G 2.5 with HB
Flute length L _c	17 mm
Recess Ø D ₁	4.8 mm
Average chip thickness h _{max} for TPC milling in INOX < 900 N/mm ²	0.023 mm
Overall length L	62 mm
No. of teeth Z	5
Overhang length L ₁ incl. recess	24 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	0.07×D
Through-coolant	no
Machining strategy	TPC
Colour ring	blue
Type of product	End mill