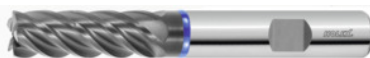



Solid carbide milling cutter with chip separators TPC, TiAlN, Ø f8 DC: 12 mm

Order data

Order number	203101 12
GTIN	4062406252557
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 : 36 mm

Overhang length L_1 incl. recess: 45 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 93 mm

Shank Ø D_s : 12 mm

Technical description

Cutting edge Ø D_c	12 mm
No. of teeth Z	5
Overall length L	93 mm

Shank	DIN 6535 HB to h6
Helix angle	40 degrees
Flute length L_c	36 mm
Direction of infeed	horizontal and oblique
Overhang length L_1 incl. recess	45 mm
Shank $\varnothing D_s$	12 mm
Corner chamfer width at 45°	0.24 mm
Average chip thickness h_{max} for TPC milling in INOX < 900 N/mm ²	0.06 mm
Balance quality with shank	G 2.5 with HB
Recess $\varnothing D_1$	11.8 mm
Tolerance nominal $\varnothing$	f8
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	$0.07 \times D$
Through-coolant	no
Machining strategy	TPC
Colour ring	blue
Type of product	End mill