

Garant

Solid carbide milling cutter with more chip separators TPC, TiAlN, Ø f8 DC: 6 mm



Order data

Order number	203093 6
GTIN	4045197953926
Item class	11X

Description

Version:

High-performance milling cutter specially designed for general-purpose TPC applications. Strengthened core.

Optimised bending strength due to the use of ultra-fine grain substrates.

Chip separator for controlled chip breaking.

Note:

$a_{e\max} = 0.05 \times D$ for TPC machining.

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

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 : 24 mm

Overall length L: 66 mm

Shank Ø D_s : 6 mm

Corner chamfer width at 45°: 0.12 mm

Average chip thickness h_{\max} for TPC milling in Toolox 44 HRC: 0.029 mm

Technical description

Shank Ø D_s	6 mm
Average chip thickness h_{\max} for TPC milling in Toolox 44 HRC	0.029 mm

No. of teeth Z	5
Balance quality with shank	G 2.5 with HB
Direction of infeed	horizontal and oblique
Helix angle	40 degrees
Cutting edge $\varnothing D_c$	6 mm
Overall length L	66 mm
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.12 mm
Tolerance nominal \varnothing	f8
Flute length L_c	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	$0.05 \times D$
Through-coolant	no
Machining strategy	TPC
Colour ring	green
Type of product	End mill