Garant

Solid carbide milling cutter with chip separators TPC, TiAlN, ⌀ f8 DC: 8 mm

Order data

Order number	203104 8
GTIN	4045197814661
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.
Offset chip separators.
Note:
h_{max}: The values stated in the table are maximum values.
$a_{e\,max}$ = 0.05×D for TPC machining.
Tolerance nominal ⌀: 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: 32 mm
Overall length L: 74 mm
Shank ⌀ D_s: 8 mm
Corner chamfer width at 45°: 0.16 mm
Average chip thickness h_{max} for TPC milling in INOX < 900 N/mm^2: 0.038 mm

Technical description

Cutting edge ⌀ D_C	8 mm
Corner chamfer width at 45°	0.16 mm
Shank ⌀ D_s	8 mm
No. of teeth Z	7

Direction of infeed	horizontal and oblique
Overall length L	74 mm
Flute length L_c	32 mm
Balance quality with shank	G 2.5 with HB
Tolerance nominal ∅	f8
Shank	DIN 6535 HB to h6
Helix angle	40 degrees
Average chip thickness h_{max} for TPC milling in INOX < 900 N/mm^2	0.038 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×D
Through-coolant	no
Machining strategy	TPC
Colour ring	blue
Type of product	End mill