

HOLEX

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



Order data

Order number	203095 10
GTIN	4062406117351
Item class	12X

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:

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 : 30 mm

Overhang length L_1 incl. recess: 35 mm

Recess Ø D_1 : 9.8 mm

Overall length L: 80 mm

Shank Ø D_s : 10 mm

Technical description

Average chip thickness h_{max} for TPC milling in Toolox 44 HRC

0.051 mm

Direction of infeed	horizontal and oblique
Flute length L_c	30 mm
Helix angle	40 degrees
Recess $\varnothing D_1$	9.8 mm
No. of teeth Z	5
Overhang length L_1 incl. recess	35 mm
Overall length L	80 mm
Balance quality with shank	G 2.5 with HB
Shank $\varnothing D_s$	10 mm
Cutting edge $\varnothing D_c$	10 mm
Tolerance nominal \varnothing	f8
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.2 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	$0.07 \times D$
Through-coolant	no
Machining strategy	TPC
Colour ring	green
Type of product	End mill